



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 47, Number 11 Monday, January 7, 1980.

CPC TESTS

If all the volunteers have done their job--by now some 70 stations have been asked to test for NRC, according to a recent letter from Neil Zank, our Courtesy Programs Committee Chairman. More help is needed as results have been slim. Volunteer today. Write Neil at P.O. Box 5563, Lincoln, NE 68505.

1/28 KVEL-920 Vernal, UT 0700-0800 ELT, 5 kw. Program info unavailable.
Monday Reports to Margaret Hemmert, CE, KVEL, Box 307, Vernal, UT 84078.
 Arranged by Wayne Heinen, NRC.

1/28 KUEN-900 Wenatchee, WA 0300-0330 ELT, 1 kw, D1. Likely will use
Monday tones and music. Reports to Randall Beckstead, CE, P.O. Box 79,
 Wenatchee, WA 98801. Arranged by Neil Zank, NRC.

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STATIC FROM HQ

We have little "Static" this time. Inside you will find some information, on page 11, regarding service and parts for Hammarlund receivers. It is not NRC's policy to endorse for profit ventures but we do hope the information is of use to you.

Last issue was mailed from Louisville on the issue date, Dec. 28. Most of you got it after the latest contest had started, but we do hope that many of you still participated. Our apology to John, but the holidays fouled up the printing and mailing schedule.

To keep retyping at a minimum, we ask that all contributors who send typed articles set their margins to allow only 1/2 inch white space on each side of the paper. If you don't have legal size (8 1/2 x 14), letter size is okay, because we can cut and piece together the contribution to the proper size for DX News.

DX News will be coming to you on the following schedule for the near future: Jan. 14, 21, 28, Feb. 4, 11, 25, Mar. 3, 10, 17, 31. Please note that we skip a week in both Feb. and March.

Please keep reporting and supporting your club. Best of DX to all.

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

I'd like to thank everyone that sent cards and letters over the holidays. Thanks to all those who contribute to DDxD throughout the year and for the fine job LPC did in getting DX News to us. Editors are nothing without contributions by the general membership..... the spotlight belongs to you!

DX TESTS

- KBGN - Not heard by PRM-OH, ERS-NJ, RA-MA
- WVLC - Not heard by JWB-PA
- CJVB - Not heard by PRM-OH but call to station sez "Brisbane" was furthest call to 0300 on Special.
- KEGG - Heard by KDF-IL, JWB-PA o/KCJJ to 0401. Not heard by BH-WA.

FREQUENCY CHECKS

- 1st Sun. WRLV-1140 A new f/c noted 0430-0442. (KDF-IL)
- 1st Thu. KBIX-1490 0200-0206 fair w/TT, in WOPA null, confirmed by phone call. (RK-IL)
- 1st Fri. KFVS-960 w/TT (JF-ON)
- WHIC-1520 w/TT (JF-ON)
- 1st Sat. WDOC-1310 12/1 0445-0459 barely heard w/TT, VID @ end. (MW-IL)

SPECIAL

- 516 YWA ON PETAWAWA - 12/10 0033 fair w/1000 cycle tone, code ID every 16 seconds. (WPT-DC)
- 524 HEH -- ----- 11/24 0207 location unknown sending code on Dan Jakubowski's Kenwood Rx. (PRM-OH) (KDF-IL)
- 790 KURM AR ROGERS - New station, has been on the air since mid-Nov.
- 810 KGO CA SAN FRANCISCO - 12/9 0520+ was on, & not taking quarterly 2nd Sun. SP like they've been doing. (BH-WA)
- 950 WBBF NY ROCHESTER - 12/10 1725 fair w/ID while looking for WGOV, WJPC will soon be fulltime here (their six towers are up per Mike Hogan) so have to finish off this freq. (RK-IL)
- 1090 WAQE WI RICE LAKE - 12/7 1726 fair w/ID, MoR mx, fairly new stn. (RK)
- WCAR MI GARDEN CITY - 12/11 1431 w/ID in CKKW null, EX-WIID. (JF-ON)
- 1240 CJCD NWT YELLOWKNIFE - Obviously new station, not listed anywhere, 12/8 0150-0219 w/T40 mx, some oldies, announcer; Mark Johnson, ID "1240 CJCD--Yellowknife will never be the same." Many PSA's, 99% sure of call, taped, NWT #3, CJAR QRM. (MS-MB)
- 1280 KIT WA YAKIMA - 12/10 0400 live s/off for "maint. purposes" to return "later this am." Will recheck to see if regular. (BH)
- 1310 KLIX ID TWIN FALLS - 12/10 0342 RS w/C&W, probably NSP now. (BH-WA)
- 1390 WEAM VA ARLINGTON - 12/11 1700 off air briefly w/XR trouble, back @ 1710. (WPT-DC)
- 1440 KRDZ CO WRAY - EX-1470, power is 5000W 12/8 1827 noted w/nx, mx & s/off. (RK-IL) Noted following day same times w/xlnt signal @ s/off. (KDF-IL)
- 1560 KCJJ IA IOWA CITY - AN on 12/10 bothered KEGG Test some. (JWB-PA) 12/10 0325-0334 w/mx, ID & wx, new. (FW-PA) Operates 22 hrs. daily, s/off 2 hrs. @ LSS to protect Council Bluffs, call to station sez pattern out of whack on 12/10 when they were widely heard. (ERS-NJ)
- 1590 WNTS IN INDIANAPOLIS - Now 24 hrs. as of 12/1, 5000W days, 500W nights U4 per phone call. Noted 12/1 1830 past LSS so called and got all the info, format is REL. (KO-IL)
- 1610 UNID -- ----- 12/10 0201 noted male/female annrs giving out traffic reports, weak but readable @ times, help? (DS-DE)

1480 & FM98
Syene Road / PO Box 2058 / Madison, WI 53701



WCXI 1130

Golden West Broadcasters, Inc.
18900 James Couzens
Detroit, Michigan 48235

OTHER ITEMS OF INTEREST

Per phone call from Ed Mitkus in Tampa: 12/14 per midnight Mutual Net News broadcast: The FCC has officially adopted the 9khz spacing plan for the standard MW broadcast band. (EM-FL)

The following was sent in on a Post Card (Postmark unreadable) with no name on it...WVNH-1110 Salem, NH was noted off the air all day 12/15 & 12/16 & not noted at LSS earlier in the month though s/off could be 1600 in December. Would this UNID tipster please step forward and make him/herself known!!!

Frank Wheeler in Erie, PA would like additional information on two stations recently logged. The dial on his receiver is slightly off and he's noted the following stations:

- 1590 or 1580 WNVH WI MOUNTAIN GROVE - 12/4 0700 ID. (FW-PA)
- 1590 or 1580 WJFA -- ----- 12/8 0700-0730 location unknown, but ID noted 2 or 3 times. (FW-PA)

All logs have been checked here with no additional info on these. Can anyone provide more specific info on these two stations?

MIDDAY TO MIDNIGHT

- 550 WHLM PA BLOOMSBURG - 12/4 1600 atop briefly w/ID, local nx. (DR-CT)
- 560 WIS SC COLUMBIA - 11/26 2154 1st time heard, good w/tele-talk, PSA's, station promos, ID, phone # 772-5699 on auroral night. (PRM-OH)
- 570 WNAX SD YANKTON - 12/11 1847 fair w/ID & C&W mx. (PM-IL)
- 630 CFCY PEI CHARLOTTETOWN - 12/8 1633-1640 fair in WPRO null w/wx, spots, ID & Pop mx...# 700 logged. (DR-CT)
- 640 KFI CA LOS ANGELES - 12/10 u/CMQ @ 2300 w/ID & nx, usually better after midnight. (PM-IL)
- 730 WACE MA CHICOPEE - 12/2 1615 good @ s/off w/no SSB, long sought after here. (JB-NY)
- WFMW KY MADISONVILLE - 12/16 1724 w/numerous spots for Madisonville, Gambels, The Stag Shop, Green River Appliance, weak s/off @ 1730. (HJH-PA)
- KWRE MO WARRENTON - 12/16 1743 surprisingly strong at this time ending C&W mx into s/off...no SSB, O&O by Preston Broadcasting Co. Of MO. (HJH-PA)
- 810 WQIZ SC ST. GEORGE - 11/26 weak u/WGY @ 1715. (JWB-PA)
- KCMO MO KANSAS CITY - 12/11 1740 smashing WGY w/rr before pattern switch. (HJH-PA)
- 860 CBH NS HALIFAX - 12/11 1729 ending CBC Net stuff, local promo/ID, then gone, sort of a late pattern switch. (DS-DE)
- 910 WJCW TN JOHNSON CITY - 11/26 2202 fair w/spot, back to FB game. (PRM)
- WFDF MI FLINT - 12/12 2240 very poor w/ID. (PM-IL)
- 920 UNID -- ----- 11/26 2203 Rock w/DJ Bill, using slogan "M 92" w/my guess being WMEL-FL w/aurora & format. (PRM-OH)
- KKLS SD RAPID CITY - 12/9 1815 fair w/mx, s/off, jx during good cx to this area. (KDF-IL)
- 930 CKNS ON ESPANOLA - 12/8 1601 strong w/"More Music, CKNS" jx similar to the old CKLW jx. (JB-NY)
- 960 CHNS NS HALIFAX - 12/11 1720 noted strong w/wx, local spots, rr. (DS)
- 970 CBZ NB FREDERICTON - 12/10 & 12/11 1715 way atop WWDJ w/usual CBC Net. stuff, pattern must be out as never heard @ this hour before. (DS-DE)
- WFUN OH ASHTABULA - 12/6 1620-1622 loud w/ID, bank spot, wx. (DR-CT)
- 1000 WRYZ FL JUPITER - 12/11 tentatively the one w/ID @ s/off u/WCFL 1729, no SSB. (KAZ-RI)
- CFLP PQ RIMOUSKI - 12/15 1616 strong w/FF. (JB-NY)
- WIQT NY HORSEHEADS - 12/15 1627 weak @ s/off w/slow version of "The Lords Prayer." (JB-NY) (PRM-OH)
- 1050 CFYN ON SAULT STE. MARIE - 11/26 2311 fair w/"I Want You Tonight."
- WADC WV PARKERSBURG - 12/2 1715 good @ s/off, now C&W mx. (DS-DE)
- 1060 WKKQ MN HIBBING - 11/29 1718-1720 blasted in briefly, then quick fade, spots noted for surrounding towns. (MW-IL)
- WNPC TN NEWPORT - 12/1 o/KYW @ 1615. (JWB-PA)

WNEWS 790AM
8000 S.W. 67 Avenue, Miami, Florida 33143

1070 WNCT NC GREENVILLE - 12/11 1207-1216 poor/fair w/farm nx, wx, several IDs, seems to be dominant on bev. during day. (KAZ)

WAPI AL BIRMINGHAM - 12/11 1732 fair w/nx, ID in brief 2 min. CBA SP. (KAZ-RI)

1080 WVCG FL CORAL GABLES - 11/24 all alone @ 1720. (JWB-PA)

1090 CHR8 PQ JACQUES CARTIER - 12/6 1616 fair u/WBAL w/FF talk. (WPT-MD)

1110 KPAB NE OMAHA - 12/11 1724 good w/wx, traffic report w/WBT nulled, not often heard. (DS-DE)

1130 WDGY MN MINNEAPOLIS - 11/28 1705-1711 good w/C&W mx, spots. (MW-IL)

WCXI MI DETROIT - 11/29 1648-1656 strong w/C&W mx, spots, rare. (MW)

KBMR ND BISMARCK - 12/9 1740-1748 strong before fade with wall to wall spots. (MW-IL) 12/9 1758 good w/full s/off. (MLH-IL)

1140 WQBA FL MIAMI - 12/7 1730 fair in WRVA null w/ID, chimes, SS talk by male/female announcers. (WPT-DC)

WBZY PA NEW CASTLE - 12/13 weak u/WCJW w/ID & start of nx @ 1600. (RA)

WCJW NY WARSAW - 12/13 1601-1607 atop WBZY/CBI w/Pop mx, ID, nx w/Brad Smith. (RA-MA)

1150 WAYY WI CHIPPEWA FALLS - 12/11 1640-1700 fair in CKOC null w/T40 mx to local nx @ 1658. (JF-ON)

1190 WANN MD ANNAPOLIS - 12/8 good @ 1622 w/Hoppy Adams Show, quite rare here due to nearby WHAM. (JB-NY)

CFSL SA WEYBURN - 12/9 1800 w/nx reported by Ian Creighton, good signal. (MLH-IL) 12/10 good @ 1749 w/promo. (RK-IL)

1240 WMKR ME MILLINOCKET - 12/10 1646 fair w/FFC QRM, local spots, area ments. & MoR mx. (DR-CT)

CJNH ON BANCROFT - 12/8 1541 tentative, thought I heard CJBQ ID here w/local WBAX nulled from Wilkes-Barre. (HJH-PA)

WCNC NC ELIZABETH CITY - 12/8 1633 under pile w/rr & SIDs in WBAX null. (HJH-PA)

1250 WARE MA WARE - 12/2 1602 strong w/local nx, new. (JB-NY)

WTMA SC CHARLESTON - fair 12/8 @ 1651 w/T40 mx, "TMA" IDs. (HJH-PA)

WYSR VA FRANKLIN - 12/8 a sitting duck noted @ 1700 s/off w/NA. (HJH)

WGUY ME BANGOR - 12/15 1549 strong w/"Jimmy Fund Radio Thon" heard for 1st time. (JB-NY)

1270 CJTN ON TRENTON - 12/1 fair w/ID @ 1600. (JWB-PA)

WTSN NH DOVER - 12/1 dominating frequency after 1615. (JWB-PA)

1290 WQIN PA LYKENS - 12/8 1624 fair w/promo. (RK-IL)

1300 KGLB IA MASON CITY - 12/11 2157 fair to poor in mess w/ID. (PW-IL)

1310 CHGB PQ LA POCA TIERE - 12/8 good @ 1513 w/nice ID. (JB-NY)

1330 WESR VA TASLEY - 12/7 1625-1627 w/spots, ID, local ments. (DR-CT)

KWWL IA WATERLOO - 12/12 1930 fair w/ID w/talk. (PW-IL)

1360 CJVL PQ STE-MARIE-DE-BEAUCE - 12/8 1526 very good u/local WSAY slop. (JB-NY)

1370 KDTH IA DUBUQUE - 12/12 1920 new w/ID, much WTS/WSPD QRM. (PW-IL)

1380 WBIC NC NEW BERN - 12/4 1617 loud w/ID, spot & mx. (DR-CT)

KCKO WA SPOKANE - 12/11 1215-1230 w/Pop mx, EBS Test @ 1215, again @ 1220 w/many KCKO ments. Strong w/little or no sign of day & night regular KRKO, much wanted! (BH-WA)

WLCY FL ST. PETERSBURG - 12/12 1815 fair w/mx, ID @ 1839. (PW-IL)

WXIC OH WAVERLY - 12/4 poor @ 1715 s/off. (JWB-PA)

1390 WYXI TN ATHENS - 12/1 clear @ 1715 s/off. (JWB-PA)

1400 CJFP PQ RIVIERE-DU-LOUP - 12/8 strong 1516 w/record "Please Don't Go", 12/15 1440 already in the clear in WYSL null. (JB-NY)

UNID -- ----- 12/8 FF noted o/CJFP @ 1518 on a beautiful afternoon for Quebec. (JB-NY)

WOND NJ PLEASANTVILLE - 12/8 1700 fair in WILI null w/end of nx, ID & Pop mx. (DR-CT)

WYSL NY BUFFALO - 12/9 Disco thru WABY, ID 2230, WILI off from 2202. (DR-CT)

WIDE ME BIDDEFORD-SACO - 12/13 1626 noted briefly in mess w/wx, local spots, ID. (RA-MA)

WILI CT WILLIMANTIC - 12/13 w/ID @ 1629 u/WIDE in WALE null, 1st time heard, not noted on DX Test awhile back. (RA-MA)

1420 WCOJ PA COATESVILLE - 12/6 1630 fair w/ID u/WIWS/NHK. (RK-IL)

1480 WUEC -- ----- 12/8 1640-1650 w/"Music Radio WUEC" heard often WUEZ-VA a possibility though format doesn't fit as T40 was heard, this on US 33 near Logan. (PRW-OH)

WTHI IN TERRE HAUTE - 12/8 good 1714 w/C&W mx, "Country Fresh WTHI" in Logan, OH on car rx. (PRW-OH)

1490 WUSS NJ ATLANTIC CITY - 12/11 1148 burying WARC w/local spots, talk show. (KAZ-RI)

WESB PA BRADFORD - 12/9 ID @ 1730 followed by "Heartbeat." (HJH-PA)

1500 WCZY MI DETROIT - 12/2 way u/WTOP @ 1700, KSTP is easier. (JWB-PA)

1510 CKOT ON TILLSONBURG - 11/12 fair u/WLGN w/nx, Ontario ments @ 1608, new. (PRW-OH) 12/9 good @ 1645 s/off. (JB-NY)

1520 WTGR SC MYRTLE BEACH - 12/8 1706 noted w/movie sound-track promo, jx, then MoR. (DS-DE)

WTHE NY MINEOLA - 12/11 1645 s/off, according to the maps they should pull the plug @ 1630. (KAZ-RI)

1530 WMBT PA SHENANDOAH - 12/16 1645 good @ s/off w/no SSB. (JB-NY)

1540 KNEB KS MCPHERSON - 12/11 1808 fair u/KXEL w/KS Nx. (RK-IL)

1570 KSRB AR HARDY - 11/30 1758 fair @ s/off w/trumpet fanfare. (MW-IL)

WHLP TN CENTERVILLE - 12/8 1744 good @ s/off w/ment. to join FM 96.7. (MW-IL)

1580 KPFD AR VAN BUREN - 11/29 1802-1815 strong to s/off, minor fading.

WSRF FL FT. LAUDERDALE - 12/11 1714 w/local spot way u/CBJ which usually rules the channel since going 50KW. (KAZ-RI)

1590 WGGO NY SALAMANCA - 11/25 1647 nice signal using "Go-16" ID. (JB-NY)

1600 WJSA PA JERSEY SHORE - 12/4 1637-1641 very good w/WAYC w/nx/sports, spots & ID. (DR-CT)

MIDNIGHT TO DAWN

560 WPRB MD FROSTBURG - 12/16 0601 1/2 very poor u/line noise w/s/on, WIND off until 0609. (KDF-IL)

610 CHNC PQ NEW CARLISLE - 12/1 0605 good o/WDAF w/ID/mx/FF talk, a sunrise regular. (KDF-IL)

WDAF MO KANSAS CITY - 11/25 good 0118 w/promo for Rod & Custom Show, "61 Country" slogans. (JB-NY)

620 CPCL ON TIMWINS - 12/16 0109 noted w/s/off in FF w/o Canada. (JB-NY)

680 CKGB ON TIMWINS - 12/12 0005 weak w/female anncr ending nx, then MoR, o/u CFTR/WCBM. (DS-DE) 12/16 0326 briefly o/CFTR w/spots, jx, WMAQ off. (KDF-IL)

KKYX TX SAN ANTONIO - 12/2 0151-0210 very strong on ET/TT/OC/ID. (MW)

690 WVOK AL BIRMINGHAM - 12/15 0154 ID during ET, C&W mx. (JB-NY)

710 CJRN ON NIAGARA FALLS - 12/10 0039 1/2 good w/sports. (RK-IL)

12/10 0150 loud w/Rock Oldies w/WOR on OC/TT. (DS-DE)

730 CKDM MB DAUPHIN - 12/11 0730 xlint w/nx, ID. (PM-IL)

CJNR ON BLIND RIVER - 12/10 0151 strong w/rr, DJ Mark. (DS-DE)

12/10 0255-0308 ID, nx & wx, new. (FW-PA)

810 KBHB SD STURGIS - 12/2 0205-0230 good on ET w/TT, mx, ID. (KDF-IL)

860 KNUJ MN NEW ULM - 11/28 0331-0355 weak but steady on ET/TT, w/VID @ s/off. (MW-IL)

870 WFLO VA FARMVILLE - 12/14 0715 poor/fair in WWL null w/ID & Bank spot. (KDF-IL)

920 CJCH NS HALIFAX - 12/10 0524-0530 weak w/WOKY/CJGJ w/wx, T40 mx. (JF)

CJCH NB WOODSTOCK - 12/10 0500-0530+ strong w/WOKY/CJCH w/T40 mx, local spots. (JF-ON)

930 WSEV TN SEVIERVILLE - 12/8 0605-0630 strong in WBEW null w/C&W mx, several IDs "It's Sat. morning in The Smokies on WSEV." (JF-ON)

WSLI MS JACKSON - 11/29 0100-0111 weak u/WTAD. (MW-IL)

CKNS ON ESPANOLA - 12/10 0007 good u/WFMD w/detailed wx for northern Ontario, temps. etc. (WPT-DC)

970 WCSH ME PORTLAND - 12/8 good @ 0206 w/rr. (JB-NY)

CBZ NB FREDERICTON - 12/9 0557 s/on w/GSQ, gives s/on for CBD-1110 also plus relays, wiped out by WWDJ s/on 0559. (DS)

980 KMBZ MO KANSAS CITY - 12/3 0238 in well w/wx, promo & MoR, 1st time this year. (DS-DE)

990 CBY NF CORNER BROOK - 12/3 0428 fair u/WNOX w/o Canada, CBC/NF s/on ment. other stations, into nx. (KDF-IL)

1090 CHEC AB LETHBRIDGE - 12/10 0319 fair u/CKKW w/PSA. (RK-IL)

1100 KPAX CA SAN FRANCISCO - 12/10 0245-0300 weak but o/Latin w/REL, ID 0300, PSA, more REL. (KDF-IL)

1120 KPNW OR EUGENE - 12/10 0204 fair/poor u/KMOX w/nx. (RK-IL)

1190 KEX OR PORTLAND - 12/10 0107-0158 fair/good in & out w/mx/nx PSA's (KDF-IL) 12/10 0200 unbelievable S9 signal all night w/nx. (RK-IL)

KRDS AZ TOLLESON - 12/10 0200 fair u/KEX (loop aimed @ Portland) w/ID then UPI Nx, no sign of KLIF or KJLA. (RK-IL)

1220 CJOC AB LETHBRIDGE - 12/10 0116 fair w/wx & ID as C-Jock, u/CJRB. (RK)

12/10 0241 briefly o/CKSM w/C&W mx, spot & promo, WGAR off, CHSC & CJRB also heard this AM. (KDF-IL)

1230 KYJC OR MEDFORD - 12/10 0512 tuned in during PoP/TT, atop jumble 0522 ID "for equip. tests" & gone. (BH-WA)
 1250 WEMP WI MILWAUKEE - 12/3 0210-0225+ noted w/C&W mx u/WTA& OC, log sez off @ 0200...sked change? (DS-DE) Address on my 1/31/77 verie sez 200 North Jefferson Street, Zip: 53202. (RA-MA)
 1270 KIML WY GILLETTE - 12/8 0141-0147 w/many local ads, station promo, CHAT usually dominant here. (MS-WB)
 1310 KDIA CA OAKLAND - 12/10 0142 fair w/"DIA" ID then gone. (RK-IL)
 1320 KOZY MN GRAND RAPIDS - 12/10 0059 fair w/wx & s/off, no SSB. (KDF)
 1330 WEBO NY OWEGO - 12/10 0640 caught ID in mess, then MoR mx. (JF-ON)
 1340 WCMI KY ASHLAND - 12/6 0122 good w/ID, has suddenly become a regular. (RK-IL)
 WHAT PA PHILADELPHIA - 12/8 atop briefly @ 0142. (JB-NY)
 CKNR ON ELLIOT LAKE - 12/16 0202 atop w/ID. (JB-NY)
 1350 WSMB LA NEW ORLEANS - 12/1 0342-0345 weak u/WXCL w/spots, promo. (MW)
 1380 WAOK GA ATLANTA - 12/1 0157-0203 w/nx, black programming w/woman DJ. (MW-IL)
 1400 KTTS MO SPRINGFIELD - fair 12/9 0200 w/EZL mx, ID. (PM-IL)
 1410 KAHL NE NORTH PLATTE - 12/8 0220 ET/TT/ID, fair. (PM-IL)
 1440 WDW MI DOWAGIAC - 12/10 0600-0615 s/on & ment. of 92.1 FM, nx, wx, stock report, fair w/WCHB/WSGO. (JF-ON)
 WSGO NY OSWEGO - 12/10 0557-0605 weak w/WCHB/WDOW w/s/on, no SSB, FM 105.5 ments & into local nx. (JF-ON)
 WZYX TN COWAN - 12/2 0700 weak @ s/on w/ISSB. (JF-ON)
 1470 WNB MA NEWBURYPORT - 12/2 0615-0622 fair w/CHOW w/Paul Harvey promo, local spots. (JF-ON)
 1480 WABB AL MOBILE - 11/29 0007-0012 in for just a moment then gone just as quick. (MW-IL)
 1490 WAZL PA HAZLETON - 11/28 atop @ 0640. (JWB-PA)
 1510 KNSD SD MILBANK - 11/30 0108-0120 ET/TT/VID @ end, good o/WLAC. (MW-IL)
 1540 KXEL IA WATERLOO - 12/3 0253 noted off this Aw, OC off/on, who's the talker here? Male female anners, went off @ 0200. (DS)
 1560 KKAA SD ABERDEEN - 12/3 0243 ID noted in passing for ET, way o/ WPAD (on late w/BKB.) (DS-DE) Probably testing that LOKW day rig. (RA-MA)
 1570 WPGM PA DANVILLE - 12/2 0601 fair o/mess w/complete s/on, no SSB, into REL. (JF-ON)
 CKLQ MB BRANDON - 12/2 0500-0508 in well then gone. (MW-IL)
 CKLM PQ MONTREAL - 12/17 looks as though we may have a MM SP (RA-MA) here as this makes 4th MM in row that they've been silent.
 1580 KLOU LA LAKE CHARLES - 12/3 0246 ID & AT-40, believe KDAY also there w/talk. (DS-DE)
 1590 WXRS GA SWAINSBORO - 12/9 0121-0146 ET/C&W mx, VID & jx every 30 secs. concluded 0146, good o/WAKR. (MW-IL)
 WLBK KY LEBANON - 12/10 0600 s/on poor, ID on tape. (PM-IL)

A hearty welcome to Pat Mason & Mike Hogan. See you next week. 73....

THE BIG 21

JB-NY Jerry Bond, Rochester, NY RCA 86T, GE Superadio, LW
 JWB-PA Joe Brauner, Punxsutawney, PA SX-99, A2515, LW, Loop
 JF-ON Jeff Falconer, Clinton, ON, Canada 51J-4, SM2
 KDF-IL Karl Forth, Chicago, IL HQ-160, 3' Loop
 BH-WA Bill Hardy, Aberdeen, WA FRG-7, SM1
 HJH-PA Harry Hayes, Gouldsboro, PA Zenith T-0, SM2
 MLH-IL Mike Hogan, Burnham, IL GE Superadio
 KAZ-RI Neil Kazaross, Narragansett, RI R-390A, 1300' Bev. @195 degrees
 RK-IL Robert Kramer, Chicago, IL HQ-129X, HQ-100C, Loops, LW
 PM-IL Pat Mason, Mahomet, IL TRF
 EM-FL Ed Mitkus, Tampa, FL TRF, ICF-5900
 PRM-OH Paul Mount, Nelsonville, OH TRF, Car Rx
 KO-IL Ken Onyschuk, Park Forest, IL GE Superadio
 DR-CT Dave Rukakoski, Brooklyn, CT TRF
 DS-DE Dave Schmidt, New Castle, DE HQ-180A, Looped
 MS-MB Morris Sorensen, Leaf Rapids, MB HQ-150, SM2, LW
 ERS-NJ Elliot R. Straus, West Orange, NJ R-390A, Loop
 WPT-DC William P. Townshend, Washington, DC TRF
 FP-PA Frank Wheeler, Erie, PA S-40B, Loop, LW
 MW-IL Marty Wright, Springfield, IL Loyds Pathfinder, Ferrite Rod
 RA-MA Rocket Ray, Acushnet, MA SX-122, no tubes

Rocket Ray

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.

Thanks! For all the Christmas cards received from many of you. I appreciate the gesture.

Repeat of the Latin American anthems tape.... still available to anyone who wants it. Send me a C60, or send me \$1 and I'll send you back a tape with postage paid. This time I've gotten a little wiser; a stock of about a dozen tapes have been pre-recorded and put in mailers. This should improve service-it won't take me so long to get around to recording them. If you are DX'ing, you need a copy of the LA anthems.

Here is a revised Spanish LW/MW list, via Distance.

191#	1000	RNE	Madrid	792	20	SER	EAJ5	R. Sevilla
227*	800	RNE	Barcelona	810	20	SER	EAJ7	R. Madrid
*	400	RNE	Bilbao	828	20	SER	EAJ1	R. Barcelona
*	400	RNE	Linares	837	10	COPE	EAK35	RP de las Palmas
*	200	RNE	Lugo	855	250	RNE		Murcia
585	500	RNE	Madrid	*	20	RNE		Pontevedra
621	200	RNE	Sta Cruz Tenerife		20	RNE		Santander
639	200	RNE	La Coruna		5	RNE		Huelva
*	20	RNE	Almeria		1	RNE		Eibar
	20	RNE	Bilbao		1	RNE		Lerida
	20	RNE	Zaragoza		1	RNE		Lugo
*	1	RNE	Albacete		1	RNE		Pamplona
*	1	RNE	Alcoy		1	RNE		Ponferrada
*	1	RNE	Badajoz		.5	RNE		Palencia
*	1	RNE	Burgos		.5	RNE		Puertollano
*	1	RNE	Jaen		.5	RNE		Zamora
*	1	RNE	Palma de Mallorca		.3	RNE		Ciudad Rodrigo
*	1	RNE	Salamanca		.3	RNE		Guadix
*	.3	RNE	Almaden		.3	RNE		Jodar
*	.3	RNE	Beas Segura		.3	RNE		Plasencia
*	.3	RNE	Benavente		.3	RNE		Teruel
*	.3	RNE	Olot		.3	RNE		Vivero
*	.3	RNE	Villablino	873	20	SER	EAJ101	R. Zaragoza
684	500	RNE	Sevilla	882	20	COPE	EAK64	RP de Tenerife
720	20	RCE	R.J. de Canarias	918	20		EAJ29	R. Intercontin'tl
729	100	RNE	Oviedo	954	20		EAJ2	R. Espana Madrid
	20	RNE	Logrono	990	10		EAJ15	R. Relej, B'lona
	20	RNE	Malaga		10	SER	EAJ28	R. Bilbao
	5	RNE	Cuenca	1008	10	SER	EAJ50	R. Las Palmas
*	1	RNE	Valladolid	1026	2	SER	EAJ11	R. Reus
*	.5	RNE	Ciudad Real		3	SER	EAJ31	R. Alicante
*	.5	RNE	Tortosa		3	SER	EAJ48	R. Vigo
*	.3	RNE	Almansa	1080	2	SER	EAJ13	R. Mallorca
*	.3	RNE	Baza		5	SER	EAJ16	R. Granada
*	.3	RNE	Bejar		3	SER	EAJ11	R. Coruna
*	.3	RNE	Pozoblanco	1098	5	RCE	ECS16	LV Isla Palma
738	500	RNE	Barcelona	1107	5	RCE	ECS1	R. Teruel
774	100	RNE	Valencia		2	RCE	ECS10	LV de la Mancha
	60	RNE	Caceres		2	RCE	EFE1	LV de Valladolid
*	20	RNE	Orense		5	RCE	EFE6	LV de Extramadura
	20	RNE	San Sebastian		2	RCE	EFE14	LV de Madrid
	5	RNE	Campo de Gibraltar		2	RCE	EFE25	LV de Cantabria
*	1	RNE	Barbastro		2	RCE	EFE31	LV de Vigo
*	1	RNE	Granada		2	RCE	EFJ19	RJ Murcia
*	1	RNE	Leon		2	RCE	EFJ29	RJ Ponferrada
*	.5	RNE	Ribadeo		2	RCE	EFJ45	RJ, Palma Mal'ca
*	.3	RNE	Calatayud		10	RCE	EFJ56	LV de Malaga
*	.3	RNE	Figueras		* 2	RCE		Lerida
*	.3	RNE	Jaca		* 2	RCE		Logrono
*	.3	RNE	Quesada					
*	.3	RNE	Soria					



1134 10 COPE EAK2 RP Sevilla
 2 COPE EAK3 RP Burgos
 2 COPE EAK4 RP Pamplona
 10 COPE EAK5 RP Valencia
 10 COPE EAK6 RP Zaragoza
 2 COPE EAK9 RP Valladolid
 10 COPE EAK13 RP Bilbao
 2 COPE EAK19 RP Salamanca
 2 COPE EAK22 RP Ciudad Real
 1 COPE EAK29 RP Lorca
 2 COPE EAK40 RP Jaen
 2 COPE EAK43 RP El Ferrol
 1 COPE EAK48 RP Astorga
 2 COPE EAK53 RP Reus
 2 COPE EAK57 RP Caceres
 2 COPE EAK59 RP Orense
 2 COPE EAK67 RP Menorca
 2 COPE EAK69 RP Almeria
 2 COPE EAK82 RP Figueras
 2 COPE EAK91 RP Asturias
 1179 5 SER EAJ17 R. Murcia
 5 EAJ39 R. Miramar
 1215 20 RCE ECS4 R. Atlantico
 1224 20 COPE EAK1 RP Madrid
 5 COPE EAK11 RP Malaga
 5 COPE EAK12 RP Murcia
 2 COPE EAK14 RP Huelva
 2 COPE EAK15 RP Lerida
 2 COPE EAK17 RP Jerez
 2 COPE EAK18 RP Mallorca
 2 COPE EAK20 RP Cordoba
 2 COPE EAK21 RP Badajoz
 1 COPE EAK23 RP Puertollano
 1 COPE EAK24 RP Ibiza
 2 COPE EAK25 RP Leon
 2 COPE EAK26 RP Zamora
 2 COPE EAK31 RP Alicante
 5 COPE EAK33 RP Vigo
 5 COPE EAK39 RP Granada
 2 COPE EAK44 RP San Sebastian
 2 COPE EAK46 RP Albacete
 2 COPE EAK58 RP Lugo
 2 COPE EAK68 RP Santander
 1260 20 SER EAJ3 R. Valencia
 10 SER EAJ4 R. Galicia
 10 SER EAJ8 R. San Sebastian
 5 SER EAJ52 R. Extremadura
 5 SER EAJ55 R. Algeciras
 1269 20 COPE EAK92 RP Gran Canaria
 1314 2 RCE ECS7 LV Lerida
 20 RCE ECS11 R. Centro
 2 RCE ECS12 LV Cordoba
 2 RCE ECS17 LV Lugo
 2 RCE EFE4 LV Palencia
 20 RCE EFE17 LV Valencia
 10 RCE EFE23 LV Guipuzcoa
 2 RCE EFJ2 RJ Soria
 2 RCE EFJ5 RJ Cadiz
 2 RCE EFJL1 RJ Asturias
 2 * RCE Melilla
 1341 20 EAJJ43 R. Club Tenerife
 1359 1000 RNE Figueras
 2 r SER EAJ22 R. Huesca
 2 r SER EAJ34 R. Gijon
 1385 2 r RCE ECS18 LV del Mino
 5 r RCE EFJ11 Rj-LV Coruna
 1395 5 RCE ECS5 LV Granada
 2 RCE ECS6 R. Tortosa
 2 RCE ECS13 LV Ciudad Real
 2 RCE EFE5 LV Leon
 2 RCE EFE8 LV Alicante
 5 * RCE EFJ11 RJ-LV Coruna
 1395 10 RCE EFJ15 RJ-LV Cataluna (r)
 2 RCE EFJ38 RJ Bejar
 3 RCE EFJ50 RJ-LV Rioja
 2 RCE EFJ51 RJ-LV Huelva
 * 5 RCE Algeciras
 * 5 RCE Guadalajara
 * 2 RCE Huesca
 * 2 RCE Segovia
 1413 10 RCE ECS8 LV Guadalquivir
 2 RCE ECS14 LV Gerona
 2 RCE EFET0 LV Alava
 2 RCE EFE19 LV Castellon
 2 RCE EFE22 LV Principado de Astur
 20 RCE EFJ46 RJ Zaragoza
 * 5 RCE Cartagena
 * 2 RCE Ceuta
 * 5 RCE Pontevedra
 * 2 RCE Zamora
 1476*2 RCE ECS18 LV Mino
 5 RCE EFES8 LV Andalucia
 2 RCE EFJ23 RJ Albacete
 2 RCE EFJ25 RJ Almeria
 10 RCE EFJ43 RJ Bilbao
 * 2 RCE Gijon
 * 2 RCE Toledo
 1485*1 RNE Vitoria
 * .3 RNE Astorga
 * .3 RNE Beasain
 2 SER EAJ12 R. Alcoy
 2 SER EAJ14 R. Castellon
 2 SER EAJ18 R. Rioja
 2 SER EAJ21 R. Melilla
 2 SER EAJ25 R. Tarrasa
 2 SER EAJ26 R. Antequera
 2 SER EAJ32 R. Santander
 2 SER EAJ38 R. Gerona
 2 SER EAJ56 R. Salamanca
 2 SER EAJ59 R. Cadiz
 2 SER EAJ63 R. Leon
 2 SER EAJ65 R. Ciudad Real
 1503 5 RCE ECS2 R. Badajoz
 5 RCE ECS3 R. Gredos
 2 RCE ECS9 LV Jaen
 2 RCE ECS15 R. Costa del Sol
 2 RCE ECS19 LV Zamora
 5 RGE ECE33 LV Mediterraneo
 2 RGE EFES7 LV Navarra
 2 RCE EFJ54 RJ-LV Burgos
 * 2 RCE Cuenca
 * 2 RCE Lugo
 1521 5 SER EAJ19 R. Asturias
 3 SER EAJ40 R. Pontevedra
 1539 5 SER EAJ47 R. Valladolid
 1575 5 EAJ24 R. Cordoba
 1584 2 SER EAJ6 R. Requete de Navara
 2 SER EAJ23 R. Gandia
 2 SER EAJ27 R. Castilla de Burgos
 2 SER EAJ34 R. Gijon
 2 SER EAJ35 R. Panades
 2 SER EAJ42 R. Lerida
 2 SER EAJ44 R. Albacete
 2 SER EAJ49 R. Toledo
 2 SER EAJ51 R. Manresa
 2 EAJ53 R. Elche
 2 SER EAJ57 R. Orense
 2 SER EAJ58 R. Jerez
 2 SER EAJ60 R. Almeria
 2 SER EAJ61 R. Jaen
 2 SER EAJ72 R. Zamora
 2 EAJ20 R. Sabadell
 * 2 SER EAJ22 R. Huesca
 2 EAJ30 R. Onteniente

1602 2 EAJ37 R. Linsres
 2 SER EAJ46 R. Ceuta
 2 SER EAJ54 R. Alcira
 2 SER EAJ62 R. Vitoria
 2 SER EAJ64 R. Segovia
 2 SER EAJ66 R. Lugo

Venda is a new independent state in South Africa as of 9/13. A government station started operation 9/5 but further details are unavailable. (Distance)

"Nos estamos recibido por preferencia, no por casualidad"

182 WEST GERMANY Saarlouisloud w/EE rock, man in FF, then female vocal 0419 12/15. (Connelly)
 200 ENGLAND BBC synchros poor w/man and woman in EE 0420 12/15. (Con)
 209 WEST GERMANY Munich probable here, fair w/lush Muzak, then GG vocal o/PIT beacon, 0424 12/15. (Connelly)
 218 MONACO Monte Carlo xlt w/FF talk and mx 0426 12/15. (Connelly)
 535 GRENADA fair w/soft mx 0215 12/12. Talk about black holes (maybe they are responsible for my lack of DX, hi) by accented EE amncr 0225. (Kazaross) (Once again, NRC is at the vanguards of MW propagation research-CH)
 567 IRELAND Tullamore poor to fair w/man in EE 2117 12/15. (Connelly)
 570 EL SALVADOR concerning 11/26 reception, I suspect quite strongly that my unid 0600 s/off w/"cadena" mention is the YSKT R. Cadena Central synchros that moved here from 580 as they are listed to s/off at 0600 and nothing else is listed here that would conceivably mention "cadena" something. Nice of Cuba to take the night off. (Kazaross) (That's the one nice thing about Cubans; you can count on almost every outlet to be off the air occasionally-CH)
 575 COSTA RICA TIRN San Jose 12/9 2315 at good level with SS ballads. (Sang)
 585 SPAIN Madrid poor w/pop mx, talk by woman in SS 0449 12/15. (Con)
 639 SPAIN La Coruna poor w/SS male vocal 2119 12/15. (Connelly)
 640 CUBA CMQ La Habana 0723 12/8 w/lively instrumental mx, 0725 ID. Another logging which was routine for me in Ontario but somewhat rarer here. KFI looped. (Sorensen)
 655 EL SALVADOR YSS R. Nacional with cover pop tunes in EE-not original artists. S6 0155 12/9. (Swearingen)
 699 DOMINICAN REPUBLIC HIDC Valverde suspected here w/SS talk through het 0228 12/12. (Kazaross)
 720 HAWAII KUAL mixing with the Russian 1113-1115, and apparently left the air at 1115. This info from tape monitoring a few hours later. Static bad throughout, but Russian was strong enough to cover up the KUAL s/off. (Martin)
 720 USSR R. Moscow's World Service in EE big and loud 1113-1200 12/13. Had faded over the hour and by 1205 was spouting CC. Went on to 1210. EE portion had male and female reporters/commentators alternating in usual Communist style. The CC portion was all in women's voice. Was mixing with a telephone talk show from US around 1135 but don't know whether KDWN or KOTZ. Have it all on tape. Strange IS noted at 1215 and 1218; half a dozen or so twanging notes on some stringed instrument. By that time the Russian was alone on the frequency with no sign of US or NZ. Reception on the GE Super-Radio feeding into the Sony from our condominium on the NW corner of Hawaii known as the "Big Island". Was DX'ing barefoot and in my underwear. (Martin) (So that's why all those vacationers in Hawaii have so little on.....CH)
 725 COSTA RICA TILX R. Columbia, San Jose S8 0403 12/1. (Swearingen)
 730 GUATEMALA TGN Guatemala City w/rosary in EE 12/2 2255, then mention of Catholic church in SS w/church bells 2303. (Townshend)
 735 ECUADOR R. Melodia, Quito w/ballad and uptempo mx, deep fades but SB at peak 0255 12/13. Announcements and mx seemed to be reverb-erated. (Swearingen)
 747 UNID (Bulgaria?) talk by woman, poor-loops Europe, not Africa 0455 12/15. (Connelly)
 756 PORTUGAL poor w/soft mx 2257 12/11. (Kazaross)
 760 CUBA R. Relej, Havana way o/hash w/S7 sig. WKR battling underneath w/another SS 2345 11/30. (Swearingen)
 765 SENEGAL Dakar fair to good w/male AA chant 2312 12/7. (Connelly) 11/26 0605 with chanting mx' only heard briefly, my first reception of this one. (Sang) Welcome to the club-CH
 765 UNID 2 carriers causing fast SAH: talk by man occasionally noted, seemingly in a Slavic language, 0459 12/15. Ukraine is suspected. (Connelly)

- 774 SPAIN Caceres loud, killing WABC on car rx at Boston waterfront: SS talk, EE pops 2210 and poor at home (in WABC slop) on HQ180A 2311 12/7. (Connelly) (Since you have the other R390A, why aren't you using it?? Just curious...CH) Caceres et al fair w/man in SS, then flute mx, pips, more talk 0500 12/15. (Connelly)
- 775 COSTA RICA TIW San Jose w/rock, disco mx (Doobies, Scott McKenzie, BeeGees, etc.) 12/10 0125. SS but fading. (Swearingen)
- 775a UNID low het against TIW 0501 12/15. Is HJKH drifting again? (Con) Haven't heard HJKH more than 500 Hz off frequency so I guess you had the carrier from the Ecuadorian which always puts a low het on TIW-CH
- 783t EAST GERMANY poor to fair w/pop mx atop weak 782 het through WBBM slop 2128 12/15. (Connelly)
- 819 ANDORRA Sud Radio poor-fair w/male in FF 2112 and 2119 12/11. (Kaz)
- 819 MOROCCO Rabat poor w/AA vocal, slopped by unusually loud WBAP 0503 12/15. (Connelly)
- 827 LIBYA Sebba still here hetting 828 and just audible 2120 12/11. (Kazaross)
- 828 MOROCCO Oujda very poor, just barely pushing audio through 827 het and abnormally high QRN 12/11. Maybe there's something to this mid-winter anomaly stuff. (Kazaross) Of course there is; no doubt at all-CH
- 830 DOMINICAN REPUBLIC HIJB Santo Domingo 12/2 2230 w/ID's frequently as "hota-bay" (SS for JB). Many ads for jewelry and optical equipment stores. (Sang)
- 834 BELIZE presumed, severe het but little audio (mx) 0409 12/1 and 0305 12/13. (Swearingen) Good w/accnted EE talk 0220 12/12. (Kaz) Heard almost nightly; letter accompanying QSL card 8/24 states that an FM network will be built and MW will be phased out. (Sang)
- 850 ALASKA K1CY Nome-taped s/off 1049 12/13. No sign of KOA after it was gone. (Martin)
- 860 DOMINICAN REPUBLIC HILR Santo Domingo w/LA mx 12/10 0559 good u/CJBC OC. Jingle Bells in SS. (Townshend)
- 864 FRANCE Paris poor to fair w/FF talk 0506 12/15. (Connelly) Very good w/female in FF 2228 12/10. Fair 2131 12/11. There is little slop here early eves. (Kazaross)
- 891 UNID het, probably Algeria 2355 12/11. (Kazaross)
- 940 CUBA R. Reloj fair u/CEM 2333 12/11. (Kazaross)
- 1044t MOROCCO big carrier, no audio detected, 2329 12/7. (Connelly)
- 1053 ENGLAND BBC poor w/mx in WHN slop 2138 12/15. (Connelly)
- 1206 FRANCE Bordeaux hetting 1205 but FF audio easily seperable 2232 12/11. Unless it's auroral this one is always in. (Kazaross) Xlnt w/man in FF, then woman in another language-possibly a language lesson-0450 12/8. (Connelly) To fair peaks through WCAU slop; man in FF noted at 0514 on 12/15. (Connelly)
- 1240 BAHAMAS ZNS2 Nassau 12/5 at 2230 briefly in at good level over local graveyard mess with ads for a local nightclub and show revue. Is this //ZNS1? (Sang) I'm really not sure but I suspect it might be at times because ZNS3 is //1540 late at night-CH
- 1467 MONACO Monte Carlo fair w/woman in GG, then choral mx 0447 12/8. (Connelly) Poor w/talk in slop; at the time, the only other high-band signals noted (as hets) were 1395 and 1521, at 2155 on 12/15. Conditions were very poor for this time of day during this time of the year. (Connelly) Poor w/female 2105 12/11. (Kazaross)
- 1470 DOMINICAN REPUBLIC HI.. R. Sur is on the air in Barahona as picked up here at my QTH. Please drop HILR R. Clarin as they never put their CP on the air. (Clark)
- 1503 UNID carrier here 2055 12/11. I heard a bit of SS here at sunset once last August but this is never good at sunset. (Kazaross)
- 1521 SAUDI ARABIA Duba hetting 1520 at 2050 12/11 and any other time I listen to WKBW when there is darkness between my QTH and Duba if the xmtr is on. Poor audio with chants in slop at 2140 on 12/11. (Kazaross)
- 1550 TURKS AND CAICOS R. T&C is now on the air 4 hoysrs a day until the new station on 1460 is completed at the same QTH. Also Radio T&C is going to have commercials for the first time. Their hours are 1100-1300, 1700-1800, and 2300-2400 GMT. (Clark)
- 1557 UNID Malta or France-man in GG to fair peaks, eventuallt lost to WQXR slop 0442 12/8. (Connelly)
- 1566 TUNISIA Sfax loud w/a-capella male chant 0433 12/8. (Connelly) A definite NE carrier here 0523 12/20 w/scraps of audio, fading out by 0610. Many thanks for the tip. (Martin)

- 1580 MEXICO XEDM Hermosillo (which is usually weak even on the HQ150) really blasting in on the TRF 0610 11/21 in SS w/long anncnt mentioning Hermosillo and what sounded like ID jingle mentioning XEDM call. (Sorensen)
- 1593 WEST GERMANY Langenberg poor in slop w/mx, GG talk 0436 12/8. (Connelly)

Turks and Caicos: a new radio station will go on the air January 6 for the third radio station in the country. The AFRTS Turks and Caicos has left this freq for another. I just hope this stn will be stronger to cover QRM from WFBA and HIAA. (Clark) (With 1460 being one of only two occupied frequencies on the island, one wonders why this new stn couldn't pick some other frequency....CH)

Richard Clark Puerto Plata, Dominican Republic
NRD505, loop

Mark Connelly Billerica, Ma.
Westinghouse RBM3, HQ180A, MW1, SM2, car rx and whip

Neil Kazaross DX Paradise, R.I.
R390A, 1300' Beverage on 1950 bearing

Gene Martin Kamuela, Hawaii and Denver, Colo.
GE Super Radio

Lance Sang Jacksonville, Fla.
FRG7, LW, DA5

Morris Sorensen Leaf Rapids, Manitoba
HQ150, SM2, TRF

Paul Swearingen Moran, Kansas
HQ180, LW

Bill Townshend Washington, DC
TRF

That's all. I could have sworn there was no nationwide shortage of postage stamps for IDXD reports but apparently such is not the case. REPORT!

From Ernie Cooper.....

ON HAMMARLUND REPAIR

STEVE BOHAC, NBC Member, at 97 Shaler Avenue, Fairview, New Jersey, 07022, has for many years been well-known and highly respected for his excellent work on not only Hammarlunds, but also on R-390A/UHR Communications receivers. There are many NERCers who have availed themselves of Steve's expertise with these complicated pieces of machinery.

BILL HUTCHINSON postcards: For Hammarlund parts, try: PAX Manufacturing, 100 Montauk Highway, Lindenhurst, New York 11757 - Mr. Peter Kjeldsen, phone 516-884-4300.

Letter from BLUE RIDGE COMMUNICATIONS, Route 4, 113 Church Street - Weaverville, N.C. 28787 (in part).

"Complete re-alignment and some refurbishing can usually be accomplished in four (4) hours @ \$14.50 per hour. Suggest you ship via UPS (use light-weight packing material to keep weight under 50 pound limit and insure for full value.)

"I worked at the Hammarlund plant in Mars Hill, N.C. for fourteen years, and was service manager for several years. I still enjoy working on Hammarlund receivers.

"I might add that I recently acquired a considerable quantity of new original Hammarlund parts. In the past, it has been necessary for me to receive my limited supply of parts for equipment repairs made in my shop, and I haven't been able to supply any parts by mail order. However, I now will be able to supply selected parts above my shop requirements. Suggest SASE with list of parts required for prompt reply.

"I would appreciate your carrying of notice of Hammarlund Repair/alignment service and limited parts availability." (signal) A. WAYNE COEDEL, Owner, phone 704-645-7070.

INTERNATIONAL POSTAL RATES

(from BILL HUTCHINSON)	U.S.A. & POSSESSIONS, CANADA & MEXICO	CENTRAL AMERICA, COLOMBIA VENEZUELA & CARIBBEAN IS.	EVERYWHERE ELSE
SURFACE POST CARD	10¢	14¢	14¢
AIR POST CARD	---	21¢	21¢
SURFACE LETTER (1 Ounce)	15¢	20¢*	20¢*
Add 1 ounce up to 13 oz.	13¢	---	---
AIR LETTER (½ ounce)	---	25¢**	31¢***

* - Over 1 up to 2 oz. 36¢, over 2 oz. up to 4 oz. 48¢, over 4 up to 8 oz. 96¢, up to 1 pound, \$1.84, over 1 lb. up to 2 lbs. \$3.20, over 2 lbs. up to 4 lbs. \$5.20.

** - Over 2 oz., 21¢ each additional half ounce, up to 9 ounces.

*** - Over 2 oz., 36¢ each additional half ounce, up to 9 ounces.

International Reply Coupons are 42¢ each, exchangeable at a post office in any country for a stamp or stamps representing the international postage on a single rate SURFACE letter. Two or more IRCs are necessary for airmail stamps from various countries. Ask your Post Office.

The Verification Game

Editor: Wayne Heinen
 427 E. Caramillo St.
 Colorado Springs, CO
 80907
 (303) 632-3332

Welcome to my very first Veri Game column. The show and tell portion of my "line" Verifications are the means by which a DX'er shows not only his skill in using his equipment but, his letter writing ability and his finesse in coaxing replies from stations. Verifying DX'ers are our hobby's link with the stations we all listen to. Many a CPC Test has been arranged by a DX'er after his initial logging and VERIFYING of the station, opening the door for a CPC letter after the ice has been broken. Some suggestions: When reporting make sure you mention the NRC and a broad based definition of MW DX'ing. The use of pre printed flyers (available through the Pub Center) will increase station personels awareness of our hobby. Well informed stations are usually good verifiers and will welcome reports. When reporting a station be a friend. I try to converse with the personnel and make them feel that the interest in the station and their area is more than just a passing signal in the night. Remember the people who sign verifications are alive and will enjoy a little non radio chatter in a letter. Be NEAT! Whether your report is handwritten, typed or printed. The easier it is to read the less likely it is to end up in the circular file. Above all be polite and appreciative, a sincere thank you will help keep the station believing that DX'ers aren't half bad.

On to the info, and off the soap box. Our format will remain the same as under Ron Schiller's excellent hand. We would especially appreciate feed back from those members who have used signers gleaned from ERC's v/s column and from this column. Are we doing anyone anygood? My own experience has shown over 25 veries in the last season due directly to f/up's sent to listed signers. Please direct any and all suggestions, comments and questions to me so I may better serve all the verifying DX'ers!

Now for some signers for some past hold outs:

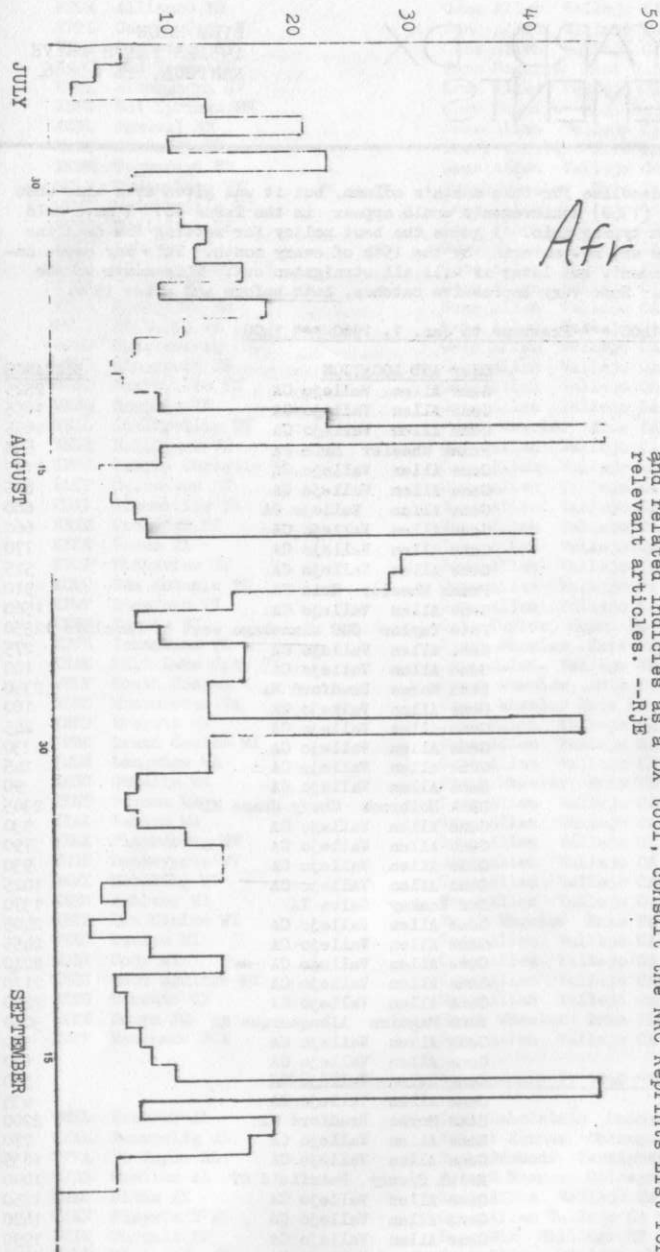
- 780 KRLI I Claudine Hufford (RW)
- 1150 WGOW p Gene Michaels PD (MW)
- 1230 WFBG q Terry McAlorney CE (KA)
 KMEN I Lee McGowan CE (RW)
- 1370 KYNO I Paul Waegle CE (RW)
- 1330 KUPL p James Heim CE (RW)
- 1390 WYNK p David A. Bene PD (MW,WH)
 KCM I Paul M. Collison (NZ)
- 1430 KTYN I Patrick Devaney PD (MW,WH)
- 1460 WBRN p William G. Bedwrth PD (MW)

Some Changes at stations previously listed as hold outs.

- 670 KR0D I Kent Lacy PD Correct Addr: Executive Center, 1414 Pinnacle
 El Paso, TX 79902
- 960 KARZ f Thayne Higgins CE

Till Next Time
 73

Wayne



Afr Graph

This Graph shows the daily variations in Afr, the Fredericksburg (VA) index of geomagnetic activity in the earth's magnetic field. High values (above 20) indicate that medium wave signals in upper latitude paths will likely be absorbed, thus resulting in "normal conditions" with signals from the South and from local stations predominating due to this absorption of the more northerly signals. Low values over a period of time indicate a likelihood of more receptions on the higher-latitude paths--more, and more northerly FAs and F's. Several days of low values following higher ones are needed for conditions to return to "normal", due to residual absorption. Long periods of extremely low values (6 or less) are necessary to raise the possibility of good high-latitude conditions throughout the entire MW band, although this is not the only requirement. For additional information on use of the Afr, and related indices as a DX tool, consult the NRC Reprints List for relevant articles. --RJE

WRFD
 RADIO 880 COLUMBUS
 CBS RADIO
 For Central Ohio

w.fiv
 COUNTRY 1080

KXRB RADIO
 SERVING...
 SOUTH DAKOTA,
 MINNESOTA,
 IOWA & NEBRASKA

10,000 watts dominate
 more than Bristol.
 Johnson City
 Kingsport

WEAP
 690 RADIO

GRAVEYARD DX ACHIEVEMENTS

BILL HALE
1451-B FAITH DRIVE
RANTOUL, IL 61866

Sorry about the short deadline for this month's column, but it was given at a time when I thought the December (1340) achievements would appear in the issue #8. I have held off three extra days in typing this. I guess the best policy for setting the deadline is call for the updates and new material by the 15th of every month. This may cause another short notice incident, but later it will all straighten out. This month we see what 1400 holds for us. Some very impressive catches, both before and after 1960.

1400 *** Previous to Jan. 1, 1960 *** 1400

STATION AND LOCATION	DXer AND LOCATION	DISTANCE
WVCQ Kodiak AK	Gene Allen Vallejo CA	2525
WXAL Demopolis AL	Gene Allen Vallejo CA	1655
WMSL Decatur AL	Gene Allen Vallejo CA	1655
WJLD Homewood AL	Frank Wheeler Erie PA	695
WJHO Opelika AL	Gene Allen Vallejo CA	2125
KCLF Clifton AZ	Gene Allen Vallejo CA	815
KARV Mesa AZ	Gene Allen Vallejo CA	680
KONI Phoenix AZ	Gene Allen Vallejo CA	660
KTUC Tucson AZ	Gene Allen Vallejo CA	770
KVOY Yuma AZ	Gene Allen Vallejo CA	575
KELD EL Dorado AR	Frank Wheeler Erie PA	910
KFPW Ft Smith AR	Gene Allen Vallejo CA	1560
KRE Berkely CA	Pete Taylor CGC Winnebago west of Honolulu	2350
KCRE Crescent City CA	Gene Allen Vallejo CA	275
KGFN Grass Valley CA	Gene Allen Vallejo CA	100
KREO Indio CA	Stan Morse Bradford MA	2350
KSDA Redding CA	Gene Allen Vallejo CA	180
KCOY Santa Maria CA	Gene Allen Vallejo CA	245
KSPA Santa Paula CA	Gene Allen Vallejo CA	330
KHOE Truckee CA	Gene Allen Vallejo CA	145
KUKI Ukiah CA	Gene Allen Vallejo CA	90
KKIN Visalia CA	Hank Holbrook Chevy Chase MD	2305
KRLN Canon City CO	Gene Allen Vallejo CA	930
KIUP Durango CO	Gene Allen Vallejo CA	790
KCOL Ft Collins CO	Gene Allen Vallejo CA	930
KBNZ La Junta CO	Gene Allen Vallejo CA	1025
WIRA Ft Pierce FL	Don Kaskey Galva IA	1370
WMBR Jacksonville FL	Gene Allen Vallejo CA	2405
WTFR Sanford FL	Gene Allen Vallejo CA	2455
WSGC Elberton GA	Gene Allen Vallejo CA	2210
WDUN Gainesville GA	Gene Allen Vallejo CA	2170
WMGA Moultrie GA	Gene Allen Vallejo CA	2250
KHON Honolulu HI	Norm Maguire Albuquerque NM	3050
KBIO Burley ID	Gene Allen Vallejo CA	550
KIFI Idaho Falls ID	Gene Allen Vallejo CA	660
KART Jerome ID	Gene Allen Vallejo CA	520
KRLC Lewiston ID	Gene Allen Vallejo CA	635
KRPL Moscow ID	Stan Morse Bradford MA	2200
KSPT Sandpoint ID	Gene Allen Vallejo CA	770
WDWS Champaign IL	Gene Allen Vallejo CA	1835
KVFD Ft Dodge IA	Ralph Sperry Fairfield CT	1000
KAYS Hays KS	Gene Allen Vallejo CA	1250
KPSW Emporia KS	Gene Allen Vallejo CA	1420
WGRC Louisville KY	Gene Allen Vallejo CA	1990
KSYL Alexandria LA	Gene Allen Vallejo CA	1760
WLCS Baton Rouge LA	Gene Allen Vallejo CA	1865
KAOK Lake Charles LA	Gene Allen Vallejo CA	1760
WHYN Holyoke MA	Norm Maguire Albuquerque NM	1900
WJLB Detroit MI	Gene Allen Vallejo CA	2095
KLIZ Brainerd MN	Gene Allen Vallejo CA	1560
KMHL Marshall MN	Dan Phillips Clinton TN	1025
WHLB Virginia MN	Frank Wheeler Erie PA	710
WBIP Booneville MS	Gene Allen Vallejo CA	1900
WNAG Grenada MS	Frank Wheeler Erie PA	770
WFOR Hattiesburg MS	Frank Wheeler Erie PA	890
WMBC Macon MS	Gene Allen Vallejo CA	1930
KFRU Columbia MO	Gene Allen Vallejo CA	1625
KXGN Glendive MT	Gene Allen Vallejo CA	1105
KXKX Great Falls MT	Gene Allen Vallejo CA	865

KCOW Alliance NE	Gene Allen Vallejo CA	1070
KPTL Carson City NV	Gene Allen Vallejo CA	155
KBMT Henderson NV	Gene Allen Vallejo CA	460
KENO Las Vegas NV	Norm Maguire East Hartford CT	2300
KWNA Winnemucca NV	Gene Allen Vallejo CA	335
KCHE Hot Springs NM	Norm Maguire East Hartford CT	2000
KGFL Roswell NM	Gene Allen Vallejo CA	1050
KTRC Santa Fe NM	Frank Wheeler Erie PA	1465
KTNM Tucumcari NM	Gene Allen Vallejo CA	1055
WSLB Ogdensburg NY	Frank Wheeler Erie PA	285
WHCC Wanyesville NC	Gene Allen Vallejo CA	2160
KTMC McAlester OK	Gene Allen Vallejo CA	1500
KWIN Ashland OR	Gene Allen Vallejo CA	290
KOMB Cottage Grove OR	Gene Allen Vallejo CA	400
KUGN Eugene OR	Gene Allen Vallejo CA	420
KBCH Oceanlake OR	Gene Allen Vallejo CA	470
WKBI St Marys PA	Gene Allen Vallejo CA	2340
WORD Spartanburg SC	Gene Allen Vallejo CA	2250
WKPT Kingsport TN	Gene Allen Vallejo CA	2185
WGAP Marysville TN	Gene Allen Vallejo CA	2130
WHBQ Memphis TN	Gene Allen Vallejo CA	1810
WHAL Shelbyville TN	Frank Wheeler Erie PA	580
KRUN Ballinger TX	Gene Allen Vallejo CA	1345
KUNO Corpus Christie TX	Gene Allen Vallejo CA	1630
KIUF Galveston TX	Gene Allen Vallejo CA	1705
KGVLF Greenville TX	Gene Allen Vallejo CA	1570
KEYE Perryton TX	Gene Allen Vallejo CA	1190
KIUN Pecos TX	Gene Allen Vallejo CA	1170
KVOP Plainview TX	Gene Allen Vallejo CA	1190
KONO San Antonio TX	Gene Allen Vallejo CA	1510
KDWT Stamford TX	Gene Allen Vallejo CA	1320
KTEM Temple TX	Pete Taylor Miami FL	1100
KTFPS Texarkana TX	Frank Wheeler Erie PA	580
KNAK Salt Lake City UT	Gene Allen Vallejo CA	955
WHLF South Boston VA	Frank Wheeler Erie PA	450
WINC Winchester VA	Frank Wheeler Erie PA	260
KRKO Everett WA	Gene Allen Vallejo CA	695
KFDR Grand Coulee WA	Gene Allen Vallejo CA	710
KMLK Longview WA	Gene Allen Vallejo CA	565
KRSC Othello WA	Frank Wheeler Erie PA	1915
KTNT Tacoma WA	Gene Allen Vallejo CA	640
KYAK Yakima WA	Gene Allen Vallejo CA	600
WBLK Clarksburg WV	Gene Allen Vallejo CA	2260
WRON Ronceverte WV	Gene Allen Vallejo CA	2270
WKWK Wheeling WV	Gene Allen Vallejo CA	2235
WATW Ashland WI	Gene Allen Vallejo CA	1720
WBIZ Eau Claire WI	Frank Wheeler Erie PA	600
WSAU Wausau WI	Gene Allen Vallejo CA	1765
KODI Cody WY	Gene Allen Vallejo CA	830
KVRS Rock Springs WY	Gene Allen Vallejo CA	735
CKFH Toronto ON	Gene Allen Vallejo CA	2280
KERN Rouyn PQ	Frank Wheeler Erie PA	400
XEPP Ensenada BCN	Gene Allen Vallejo CA	545

1400 *** On or after January 1, 1960 *** 1400

WMSL Decatur AL	Carl Dabelstein Omaha NE	665
WXAL Demopolis AL	Robert Kramer Chicago IL	655
WPPA Ft Payne AL	Russ Edmunds Parsippany NJ	790
WJHO Opelika AL	Robert Kramer Chicago IL	660
KSEW Sitka AK	Gene Allen Vallejo CA	1925
KJKJ Flagstaff AZ	Gene Allen Vallejo CA	630
KXIV Phoenix AZ	Gene Nix Billings MT	850
KELD EL Dorado AR	Rich Eddie St Louis MO	415
KCLA Pine Bluff AR	Robert Kramer Chicago IL	585
KPAT Berkeley CA	Gene Allen Vallejo CA	20
KQMS Redding CA	Gene Allen Vallejo CA	180
KSLY San Luis Obispo CA	Gene Nix Billings MT	935
KQIQ Santa Paula CA	Gene Allen Vallejo CA	330
KTRT Truckee CA	Gene Allen Vallejo CA	145
KDFA Delta CO	Carl Dabelstein Omaha NE	665
KFTM Ft Morgan CO	Carl Dabelstein Omaha NE	410
KBZZ La Junta CO	Gene Allen Vallejo CA	1025
KPAG Pagosa Springs CO	Carl Dabelstein Overland Park KS	670
WSTC Stamford CT	Dave Yocis Fairfield CT	15
WILL Willimantic CT	Bill Regan Syracuse NY	235
WFTL Ft Lauderdale FL	Bruce Conti West Warwick RI	1230
WNUE Ft Walton Beach FL	Rich Eddie St Louis MO	625

WERD Jacksonville FL	Robert Kramer Chicago IL	875
WFRR Sanford FL	Alan Imprescia New York NY	925
WPAS Zephyrhills FL	Alan Imprescia New York NY	1010
WNEK Macon GA	Don Davis Warner Robins GA	15
WMEA Moultrie GA	Rich Eddie St Louis MO	660
WSGA Savannah GA	Ernie Cooper Provincetown MA	915
KPRL Moscow ID	Pete Taylor San Francisco CA	700
KIGO St Anthony ID	Gene Allen Vallejo CA	695
WDWS Champaign IL	Carl Dabelstein Omaha NE	405
WGIL Galesburg IL	Gene Allen Vallejo CA	1725
WROZ Evansville IN	Carl Dabelstein Omaha NE	505
WBAT Marion IN	Debra Hidden Orlando FL	865
KCOG Centerville IA	Rich Eddie St Louis MO	220
KVFD Ft Dodge IA	Carl Dabelstein Omaha NE	115
KVOE Emporia KS	Carl Dabelstein Omaha NE	200
KAYS Hays KS	Rick Carr Bloomington IL	555
WCYN Cynthiana KY	Carl Dabelstein Lincoln NE	650
WFPR Hammond LA	Rick Carr Austin TX	440
KAKK Lake Charles LA	Carl Dabelstein Lincoln NE	755
KWLA Many LA	Robert Kramer Chicago IL	795
WRDO Augusta ME	Carl Dabelstein Omaha NE	1330
WIDE Biddeford ME	Mark Connelly West Yarmouth MA	125
WMCS Machias ME	Jerry Starr Youngstown OH	740
WWIN Baltimore MD	Jerry Robertson Crosswell MI	420
WLLH Lowell MA	Russ Edmunds Parsippany NJ	260
WJLB Detroit MI	Carl Dabelstein Omaha NE	650
WGON Munising MI	Carl Dabelstein Lincoln NE	615
WSAM Saginaw MI	Carl Dabelstein Lincoln NE	660
WTCM Traverse City MI	Dave Yocis East Lansing MI	140
KMHL Marshall MN	Morris Sorensen Leaf Rapids MB	935
WMLN St Paul MN	Rich Eddie St Louis MO	475
WHLB Virginia MN	Morris Sorensen Leaf Rapids MB	755
WBIP Booneville MS	Ralph Sperry Fairfield CT	900
KFRU Columbia MO	Pete Taylor San Francisco CA	1700
KJCF Festus MO	Rich Eddie St Louis MO	35
KSLM Sikeston MO	Jerry Starr Youngstown OH	605
KFTS Springfield MO	Wayne Heinen Colorado Springs CO	635
KXGW Glendive MT	Morris Sorensen Leaf Rapids MB	570
KARR Great Falls MT	Pete Taylor San Francisco CA	875
KBRB Ainsworth NE	Morris Sorensen God's Narrows MB	935
KCOW Alliance NE	Carl Dabelstein Omaha NE	355
KLIN Lincoln NE	Rich Eddie St Louis MO	370
KIMI Henderson NV	Bill & Nancy Hardy Aberdeen WA	795
WBRL Berlin NH	Steven Miller Boston MA	110
WTSL Hanover NH	Russ Edmunds Parsippany NJ	270
WOND Pleasantville NJ	Rich Eddie St Louis MO	850
KTMN Tucumcari NM	Jerry Starr Hubbard OH	1300
WABY Albany NY	Morris Sorensen Emsdale ON	290
WYSL Buffalo NY	Pat Hartlage Louisville KY	490
WSLB Ogdensburg NY	Morris Sorensen Emsdale ON	150
WGBC Greensboro NC	Robert Kramer Chicago IL	585
KEYJ Jamestown ND	Carl Dabelstein Omaha NE	415
WMAN Mansfield OH	Carl Dabelstein Omaha NE	665
WPAT Portsmouth OH	Russ Edmunds Parsippany NJ	490
KWON Bartlesville OK	Wayne Heinen Colorado Springs CO	610
KTHC McAlester OK	Carl Dabelstein Omaha NE	435
KNOR Norman OK	Robert Kramer Chicago IL	700
WJET Erie PA	Rich Eddie St Louis MO	580
WFEC Harrisburg PA	Dave Yocis Fairfield CT	205
WKBI St Marys PA	Carl Dabelstein Omaha NE	890
WICK Scranton PA	Jerry Starr Youngstown OH	255
WRAK Williamsport PA	Jerry Starr Youngstown OH	150
WCOS Columbia SC	Gene Allen Vallejo CA	2330
WGTH Georgetown SC	Ron Musco Windsor CT	700
WKDY Spartanburg SC	Robert Kramer Chicago IL	580
WJZM Clarksville TN	Dave Schmidt New Castle DE	670
WHUB Cookeville TN	Forest Osborn Hooker OK	830
WGAP Maryville TN	Jerry Starr Youngstown OH	420
KILE Galveston TX	Rick Carr Bloomington IL	840
KGVL Greenville TX	Jerry Starr Hubbard OH	1025
KIUN Pecos TX	Robert Wien San Jose CA	1115
KVOP Plainview TX	Carl Dabelstein Lincoln NE	535
KTEM Temple TX	Carl Dabelstein Lincoln NE	675
KVOU Uvalde TX	Rich Eddie St Louis MO	840
KIXX Prova UT	Brett Hanavan Chula Vista CA	610
WDOT Burlington VT	Russ Edmunds Red Bank NJ	200
WHIH Portsmouth VA	Andy Rugg Montreal PQ	615

WHLF South Boston VA	Dave Yocis Fairfield CT	450
WINC Winchester VA	Jerry Starr Youngstown OH	225
KEDO Longview WA	Pete Taylor San Francisco CA	600
WRON Ronceverte WV	Jerry Starr Youngstown OH	220
WSPZ Spencer WV	Andy Rugg Waterloo ON	325
WKWK Wheeling WV	Bruce Conti West Warwick RI	500
WBIZ Eau Claire WI	Rich Eddie St Louis MO	450
WDUZ Green Bay WI	Morris Sorensen God's Narrows MB	1035
WRJN Racine WI	Bill Hale Janesville WI	60
WRDB Reedsburg WI	Jerry Starr Youngstown OH	535
KATI Casper WY	Gene Allen Vallejo CA	905
CBWG Gillam MB	Morris Sorensen Leaf Rapids MB	200
CIHI Frederickton NB	Frank Dailey Preston CT	390
CKCB Collingwood ON	Robert Kramer Chicago IL	420
CBEE Sturgeon Falls ON	Morris Sorensen Emsdale ON	74
CKRV Drummondville PQ	Ernie Cooper Provincetown MA	290
CKFW Swift Current SA	Morris Sorensen Leaf Rapids MB	445
XEFO Tampico TAM	Rick Carr Austin TX	560

That's all for 1400, one of the all-time favorites. Next month we'll zero in on 1450, so get your entries in NOW. For you newer members wondering what all this nonsense is... GYDXA is the clearinghouse for record distance catches on all the Graveyard frequencies, 1230, 1240, 1340, 1400, 1450, & 1490. We separate the pre- and post-1960 catches because prior to 1960 all the GYers were limited to 250 watts fulltime and there weren't quite as many as there are these days. Now the limits are 1000 watts daytime/250 night. Although there is some speculation the FCC might let them go 1000 fulltime. The only ones they could hurt would be themselves. If you can better any of the records shown here, or think you can beat any of the other catches on the other 5 GY frequencies, send them in. Also, the Totals column is just around the corner (March), so get just your totals tallied up for each frequency and update those, too. That's it for now...

73 B20

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

CHAPTER XXXVIII - WDIA HAS SOUL - by PETE KEMP.
 WDIA started its operations on June 7, 1947 with John R. Pepper and Bert Ferguson as co-owners. It became a Black-oriental station on October 25, 1948, when Nat D. Williams became the South's first Black DJ with an afternoon, and later a morning show. The studios were located at 2074 Union Avenue until April 21, 1967 when they moved to their present facilities at 2265 Central Avenue. The station became known as the Starmaker Station because it was the beginning for such stars as B.B. King, Rufus Thomas, his daughter Bobbie Bland and the late Johnny Ace. WDIA has built its reputation on a solid commitment of community involvement. The station helped to found the Goodwill Home for Children, organized a Little League Baseball League, underwrites expenses for Goodwill Boys and Girls Clubs, college scholarships and many many more other community projects. Today, WDIA is owned by Sonderling Broadcasting, and it continues with excellent ratings in the second largest and richest Black Market in the nation.
 NEXT WEEK: "THE GREAT NORTHEAST BLACKOUT, NOVEMBER 9, 1965" - by MARK CONNELLY.

IN FRANCE THEY SAY 'QUI QUI' - IN QUEBEC, TOO 617-487-9337

ERNIE COOPER - "THE VILLAGE IDIOT" - 5 Anthony Street - Provincetown, Massachusetts - 02657
 ***** One AM verie in, WCXI-1130, #110 from the Wolverine State, #4,127 in all. It is a challenge in this day & age to get replies, even though return postage is always sent. As Bill Harang told us, it is a commentary on our times, or the "What's in it for me?" syndrome. DX: 12/15- Nothing exciting, but WNEF-1290 was observed ANing today. SM 12/13- CBGY-750 was noted w/WSB @ 5:32, too weak to log w/CBC net NX. WHEB's warm-up OC came on @ 5:34 & that was the end of Newfoundland. MM 12/17- No luck w/KBGN-1060. CKIM-1570 was off again & an ID from CKLQ was heard @ 2:31, but as I began to take a log, a long phone call on the Drop-In Center Hotline (a potential suicide) kept me talking for some 55 minutes, & when I got back to the RX, CKLQ was gone to KERF & one other SS. 12/15- Tentative to Neubranienburg, E. Germany-1575, 1:18-1:56 fadeout. Weak Colombian on 1560. WABC-770 was off this AM & a log on R. Libertari, Panama, ANing there o/a Tegucigalpa. 12/19- CHR-1290, FCC, atop this channel today, @ 2:13. A weak OC & occasional hints of a male voice on 1610 from time to time, nothing discernable. 12/20- Again on 1610, an M & F talking but again, not enough comp to tell what they were saying or where they were saying it. Unn CJVL-1350 anti-hilating WDRC @ 2:41, & an OC AN on 1375. 12/22- Report off to Sfax, Tunisia-1565, good @ 12:59-1:36, CKLM-1570 apparently was off. UNID TT-1550 1:18-1:34. 'Bye, 1980 NRC Convention Site; a guy is betting L.A. will disappear into the Pacific New Year's Eve! SM 12/23- A report w/SS Pr/c sent to R. Carupano-1110, ANing this AM o/R. Mia. Unn WROD-1340 atop @ 2:12. On Jan. 1, WMLO-1570 Beverly, Mass. becomes WBYD! I understand his signal will go on Christmas AM, codex of French Canadians; I'll tell ya all about em next week. C O N ?

MUSINGS

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

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS. 02657

HE'LL BE HOME FOR CHRISTMAS

DAVE TOCIS - 85 Vesper Street - Fairfield, Connecticut - 06430 203-335-3370 12/12/79
***** This probably won't make it for the New England issue, but there's always hope the same U.S.P.O. that is screwing up my DX NEWS will be prompt. (Too late, rec'd 12/15/79 - ERC) Recent DX: 12/2- While studying for exams, weak TT u/WVVA, WVLC-TEST presumed. Back home 12/8, I went to log a couple call change in daytime & heard CJTR-1140 blasting in @ 2:45pm, my first Canadian in daytime. In the next hour, ten FFC's were noted, including CHVD-1230, plus three new Vt. stations. MM 12/10- Dead band, WHAV-1490 on ET 1:28am. 12/11- Locking for WSNJ r/c, WHAI-1240 & WNON-1240 instead, both new. WETQ-1320 Pa. ID noted just as I came on the channel @ 12:26. WICY-1490 N.Y. & WOLF-1490 N.Y. taken that eve on SSS, excellent opening to New Brunswick/Newfoundland, GENM-740 destroying GBL @ 4:46pm, also CKGA-730, CBH-860 (um), & CJCJ-920. Surprisingly, no TA's, not even 1404 or 1566. This has been a terrible TA season so far, nothing despite great CX to the NE. Locally, WYFR-850 still is not on after getting CF almost two years ago, letter remains unanswered. WDJZ-1530 wants WIHO, apparently bought by a local corp. w/"Hi-Ho" slogan. I doubt a format change as they are quite popular w/BED-adult format. Other locals, WICC-600 & WNAH-1450 are still very NSP, not even occasional Ma's. Totals now 700/42-plus/8/51 Com.; 315/33/5/9 Mich., & 846/43-plus/8/51 combined. I have noticed recently that some have logged KKA-1560 S.D. w/"K-K-Double-A" ID's. Be careful - KCJJ has been heard in Michigan with "K-C-Double-J." ID's.

BERMUDA RECEPTION - PART I

MICHAEL COLLINS - 28 Van Buskirk Avenue - Stamford, Connecticut - 06902
***** Back in May I took a cruise to Bermuda and brought along a Panasonic model 1170 radio & found some very interesting listening. Bermuda is 775 miles SE of N.Y.C., but a number of N.Y.C. stations come in all day long on groundwave. A few from other locations also come in. Here is a list of daytime reception in Bermuda: WMCA-570 fair, WKAQ-580 weak, CMW-590 weak, WVNJ-620 weak, WNBC-660 fair to weak, WOR-710 fair, WABC-770 fair to weak, WCBS-880 fair to weak, ZFB-950 local, WINS-1010 fair to weak, WEN-1050 weak, WBLI-1100 Hempstead, LI, very weak, WZAM-1110 Norfolk very weak, ZEM1-1230 local, & ZEM2-1340 local. There was also something very weak on 600 but I could not make it out. There was no trace of any stations along the U.S. EC except for those in the N.Y.C. area with the one exception of 1110. There was no sign for example of Savannah Ga. on 630, or WAFB-690, or Elizabeth City N.C. on 560, which surprised me, since WMCA & WOR were particularly good considering the very long distance. It was interesting to be able to check in on WGBS to see what was going on in the Metro area any time of day. I wonder however what the explanation might be for the reception from the N.Y.C. area and not other areas. This was prevalent all over the island of Bermuda. It was strange hearing the N.Y.C. and San Juan (WKAQ) all-news stations in the day. Nighttime reception in Bermuda was very much dominated by stations from the Caribbean & Latin America. While WNBC was in during the day, it was buried by SS stations at night on 660. WMCA & WVNJ also were buried at night. On 710, WOR could be milled with WGBS Miami heard. WABC, WRN, WCBS & WINS were also subject to some interference but were usually atop on their channels. Toward sunset WITS Boston would come bombing in, but after sunset WNLG New London, Conn. owned 1510 every night. On 1540 ZNS; Nassau, Bahamas, a Class 1-A station, could easily be milled and WPTB, Albany, listened to. (Con'd next week-ERC)

DJs DEPART

FETE KEMP - 5 Greenwood Avenue - Bethel, Connecticut - 06801
***** WABC has put the New York market into a spin last week firing three of its DJ's. Harry Harrison (ten years at the station, morning man), Chuck Leonard (WABC's first Black DJ with the station 13 years) and George Michaels. Dan Ingram, one of the best DJ's in radio today has been moved to the vacated morning drive time. WABC, long the leader in the Big Apple, has dropped from #1 to #5 in the latest numbers. Howard Buffman from Houston has been signed leaving two slots yet to be filled. Over at WRBC, Imus is busy building the ratings. Scott St. James on KMOX is moving to KMPC and will be doing SX/talk. WABC has been meeting now for some time, the latest line indicates a lot of committees but no firm regs. Hopefully something will break giving ECB DKers a better look into the future of our hobby. This past October the State of Connecticut tested its new EBS system in conjunction with radio amateurs across the state. WTIC-AM and WDRB-AM-FM are the official Conn. outlets with all other stations taking their cues. So much for now.

TONY CHECKS IN

TONY SHORT - 1041 Elmendorf - Lexington, Kentucky - 40502
***** Hi gang! It's been a long time since I have written a Muse, so I have more stations. Before I tell about my new stations I would like to correct an error I made in my last kuse. I wrote I had 24+ varies, I meant 244 heard. As of now I have 469 heard & 45 varies, as of 12/6. Some of the stations I have gotten recently are KTAT KRUD CHYR CEW KSKY KKA-8 QKX KXIC KFI KFDF KCLB KCAD KARN & KRVN. That's all for now. Happy DXing.

KARL SUBSISTS FORTH WITH LOGGINGS & VARIES

KARL FORTH - 2714 North LeClaire - Chicago, Illinois - 60639
***** December DX has been limited to a few good Western openings and one surprise from the East; MM 12/3 CBY-990 near w/o Canada, then CBC-Newfoundland s/on @ 4:28am, into NK. 12/9- Sunset seemed poor until KRMV-1460 & KOTA-1390 were heard around 6:10pm, the latter prompted me to look for KKLK-920, which was heard w/mx, s/off & jingle @ 6:15, then KRZ-1440 was heard w/very good signal w/s/off @ 6:29, mentioning 1440 kHz & 5,000w power, they must have completed the change from 1470 very recently. The good skip to the West continued through MM 12/10 w/ann KOZY-1320 noted w/mx & s/off @ 12:59am, KEX-1190 was heard in & out from 1:07 to 1:58am for a report, many IDs & jingles but I couldn't get a full ID on tape. WGAR was off on 1200, leaving CKSM, CHSC, & CJRB fighting it out. Long-sought CJCC appeared at 2:44am w/c/w mx, spot & promo, then to 1100 where KPAX was heard weak but over the Latin w/religion from 2:45, ID @ 3, then PSA and into another religious program. The KEGG-1560-TEST was heard well o/KCJJ from 3:30 to 3:45am, thanks to SKIP DAELSTEIN for arranging this one. 1/14- WFLO-870 heard @ 7:15am w/WVL ID & spot, I think I've heard this one (as well as the N.C. here also) before, but this was the first ID I've managed to squeeze out from u/WVL. SM 12/16 was unusual, both WMAQ-570 & WIND-560 were off! Just like the good ol' (pre-NSP) days. CKGE-680 heard @ 3:26am w/spots o/CFTR, & a very weak WFBH-560 s/on was heard under line noise w/s/on @ 6:01am. WIND came back on at 6:09 w/O, s/on a few minutes later. I made a mistake in reporting the KPOL ID on 1540 on 11/19. I knew it was the Los Angeles station and "assumed" the weak ID was heard as KPOL when it was in fact KZLA. Sorry about that. Veries- v/f- KGGF-690. v/1- WJQJ-810 WNYC-830 WUCR-860 WWR-920 WKGO-1060 WPHC-1060 WKOK-1070 KREX-1100 WSEW-1110 WASP-1130 WBRW-1170 WMTM-1300 WTL-1310 WTRF-1330 WCEV-1450. 73 & good DX.

DXING AND DRIVING

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764 10/16/79
***** (rec'd. 12/18) After putting spots into a Bengals game for a few hours, I went for a drive through the scenic Hocking Hills of SE Ohio, especially so in the Fall. Listening to BE on WBNS, I noticed someone underneath as I drove on Ohio State routes 93 & 96. ID @ 5:30pm sounded like "WGBE B.ckmon" (date 10/14). Coming up S.R. 278 country heard, dominating. Then at home I IDed the station @ 6pm as "WBEUC, 1450 Radio in Buchanan" which I had heard in N.J. on a DX TEST several years back but new in Ohio. This was an all-club DX session, as my equipment consisted of: NRC Log, IRCA Almanac to show s/off times, GWDXA frequency maps to show what was to the South on what frequencies, & the FM Atlas to check FM references on s/off's. I was looking S as WHIS-1440 was also coming in well, before sunset & they're 200 miles S of me. WLGW-1510 s/off Sunday is 6pm even if dictated time says it can be later, so for once I was not there & took advantage to hear WAHT-1510 from Pa. w/r/r mx, Lebanon spot, last song "Goodnight Tonight" to 6:29pm s/off as "WACT Amvill-Cleona", T-40 format. The one I didn't ID & would have liked to was a T-40 u/WCKY 6:13-6:22pm. After 6:30, about three stations on 1510, one of course was WLAC but nothing IDed. WBLN-1410 good w/rk 6:33-6:59pm s/off mentions of Tri-State WX & downtown Harlan. Short s/off and SSE. Tentative s/off of New Albany Ind.-1570 w/words "Tomorrow morning at 6 when... a fine day" & ID like "WOKX", then SSB. Anyone in Ind./Ky. to confirm this? Time was 7pm. I tuned past 1560 to hear WTOD nonk at end of "Brasilia" which is the music they do their s/off over. And down to 1500 to hear s/off of 500w "G-15" from Xenia, O. At 7:06 something came on downstairs causing oozes everywhere on the dial, but gone by 7:13. UNID-1580 s/off @ 7:15 mentioning FM. World Series BE on 1570 7:21-7:28 unID w/both FF (CKLM) & SS QRM. Up to 1590 for KOHA s/off w/several mentions of KOHA-FM-95.9 by M announcer although F announcer spoke before & after the s/off announcement, giving 6:30 TC. That one new, also. KFDF s/off fair 7:44, then KNIM (250w @ 750 miles) s/off after KFDF, like one waiting for another to go @ 7:45. WYNA-1590 w/CST TC, running CBS' Datalink America program @ 7:46ID, new. 10/15 in Logan, WYUP-1500, WORL-1550 w/Tenn. Radio net, & WAAY-1500, KOMA-1520 all in well 6:59 to 7:33 as I drove. Happy Nuevo Año, amigos. Paul.

GEORGE HAS BEEN TRAVELING AGAIN

GEORGE C. GREENE - 1527 Sunset Avenue - Akron, Ohio - 44301
***** Time for Wasing #4 for this season. I'd like to welcome DUUG MISKE and NIEL WOLFISH to the NRC. As for DX, nothing much from here, though I did manage to get a decent signal from WLS during my visit to California over Thanksgiving week. On previous trips out there, I never seemed to get any Mid-Western clears. While near Blythe, Calif. at noon PST on 11/21, I was getting a good signal from KBOI-670, which is about 725 miles from Blythe. Speaking of California, I was out there 3 1/2 days visiting a number of stations; air-checking, & gathering radio promo items, etc. I paid visits to NRCers DON ERICKSON and EDDIE RYAN (who is now working at KCUZ-1230). I also saw the KHTZ temporary studios & XETRA-FM's San Diego studios & helped make the tape run from there to the KR site in Tijuana. Their 990-AM is all automated, using tapes made at KABL-950, & ran from the Mexican KR site. Format-wise, WYEN-1290 is now adult-contemporary, as their FM is a mixture of hits & disco; KKKQ-1060 Phoenix is also adult-rock, w/their FM being T-40/AOR. Closer to home, WSOM-600/105.1's sale to Rust (WHAM/WPTB) etc. has been approved, w/the FM going to some form of r/r w/a new call, & the AM keeping their present format at least for a while. Also, WFAH-FM is moving their site 5-10 miles S in the near future, but will change calls to WDJQ in a few weeks and go to TM-automated T-40 from their present EZ format. Since their 1310-AM is rock now, a format change on AM is likely. By now, WABC has made all their changes, w/George Michael and Harry Harrison out, Dan Ingram moved to mornings, & KAMU's Howard Hoffman at night. I was down in Florida 12/7-11, with these observations: WPIP-990 & WRED-1470 are both fulltime now w/the latter's FM now T-40, dropping Black programming; WQMA-1300 calls themselves "The Lady" at all times now (except on the hour, of course) & is playing adult rock instead of c/w, leav-

(George Greene, con'd.) ing that field to WWOK-1260 and WSRF-1580. Former IRCA/NRC member Blake Lawrence is now at Y-100-FM in Ft. Lauderdale having exited WMET, Chicago. That does it

HE'S PLANNING A FEBRUARY QTC

BILL COLEMAN Jr. - 114 Circle Drive - Rocky Mount, North Carolina - 27801 12/17/79
***** 919-443-7282, (best 11pm-4am EST) Greetings to all, Merry Christmas, & Happy New Year, etc. I just sent in renewal for another great three years in NRC! I hope more people will do the same. A local area station WGH-1250, ex-W-Farmville-And-Greenville (WFAO - I can see why they changed their call letters, hi!) change of call took place some time this past week, format is still C&W, and power is still 500w. I understand they will go to 5,000 watts some time around the first of the year. They have been testing with 5kw for the past three-four months, but I don't know exactly when. They have a rather loud signal here for 500 watts daytime, plans to be nighttime operation, and will reduce power to 2,500w, s/off 12, 1, or 2am, and I understand supposed to be directional to the coast. DX here has been kind of slow lately, heard last night 12/17 (actually MM), WEYY-1580 Talladega Ala. on testing with Elvis Christmas music! A re-intro for the newer members - I'm 36 years old, married, DXer for 20 years, an electronics engineer with first class FCC license. My first receiver was a Hallicrafters S-36E! I'm now using Hammarlund Super-Pro's, Yaesu FRG-7000, Panasonic RF-1150, and Realistic TRF, several longwire & dipole antennas. I'm also amateur KA4DAP, can be heard on CW only, 40 & 15 meters, have an info-tech display, for Morse Code readout, so I can do most any speed CW, hi! If anyone is interested I'm planning a possible get-together for the weekend of Saturday, March 1, & Mar 2 (Sun.), 1980. Bring your veries, receivers, etc. I'm located about three o'clock from WEDD's towers off Hwy. 64 & 301. Plenty of motels, and restaurants nearby. If anyone is interested, please call ahead of time at phone number above. Save the number, it's N.P. I was at the Baltimore convention of the WTTFA this past year, and it was good to meet also some NRC members there. 73.

A NEW ONE IS ON WE'RE NOT LIKELY TO HEAR

MORRIS SORENSEN - Box 764 - Leaf Rapids, Manitoba - ROE IWO 12/9/79
***** NRCers might be interested in knowing that there is a new station in Yellowknife, N.W.T. On 12/8 I was monitoring 1240 kHz at 1:50am & noted a strong signal which I suspected was CJAR in The Pas, Man. However when I noted the time checks were one hour behind I stuck with it and at 1:57 they IDed as CJCD, Yellowknife (or phonetic equivalent). I'm 99% sure of the call as I have it on tape. That was N.W.T. #3 here. Other loggings: 11/23- KLG4-1600 Ia. @ 9am w/NX; KXLY-920 Wash. @ 11:05pm w/Seattle Supersonics BKB. This was my only new catch during a fantastically open to the West w/ann KNER-630 way o/usual CJOB & KFEQ; unann CBU-690 o/CFRO, unann KIRO-710 way atop o/usual jumble, unann KOMO-1000 obliterating WCFL. Also on 11/23 I logged unann KIMN-950 Colo. for a report at 11:31pm. 11/24- Unann KEDM-1580 really blasting in on TRF @ 1:10am. 12/8- Unann KIML-1270 Wyo. for only the second time ever @ 1:14am. I received a v/q from KXLY-920 & v/l from CJME-1300 Sask. (report sent last April - CE said he misplaced it), KOLD-1450 Minn. & KYSM-1230 Minn., KYSM said they were testing w/lkw when I heard tam & mentioned a previous report from NRCer BRIAN VERNON when he lived in Leaf Rapids which I had tied for their most distant. On 11/21 I went to Thompson, Man. & took my TRF with me. Thompson is about 132 highway miles o: 90 air miles SSE of here. The most interesting station noted was LPRT CHWB-690 in Wabowden, Man. Up here I get an LPRT on 690 which I believe is CBDS, Pakataganan, Man. according to the loop direction but CHWB may be in there a little at times also. It's difficult to tell - while a motel room is not the best place for DXing, I did note a few other daytime signals in Thompson in addition to CHWB & local CHTM-610. These included CBK-540, CFAR-590, CKDM-730, CJAR-1240 & several unIDs. On 12/5 I had a nice visit with local ham Cliff Blacky, VE-YJ. Among his huge collection of receivers & transmitters are several of interest to ECB DXers including a Hammarlund SP-500 & an old National HRO - when he gets all his gear working he will have continuous monitoring capabilities from VLF through to the microwave regions of the spectrum & transmit capabilities for all ham bands from 150m through to 432 MHz.

NEW RADIO, NEW STATION, & A NEW RECEIVER

RICHARD CLARK - Apartado 273 - La Vega, Dominican Republic 12/11/79
***** Well, the big news today is that I have a new RX, NRD-505 from Gilfer, in which is the most I ever paid for a RX! In my next report I will be able to tell you what I think about it. On other news, Turz & Caicos will have its third CB station on Jan. 6 on 1450. Their studios and antenna are at the same site as VSI-1550. The AFRTS that was at 1450 will move to another frequency. I just hope the new station will be stronger than the AFRTS that was on 1450 to overtake QRM from WFBA & HIAR. Also Radio Turks & Caicos is going to have commercials for the first time as per news on VSI. On well, I am glad to get back home after ten days in the U.S.A. & back to Puerto Plata. Before I forget I now have a small AC Power Plant so I will be able to DX at night for the first time. Maybe next year we will have power at night? I hope so! 73s.

VERIES AND VACATION

ERNIE J. WESOLOWSKI - 1415 Pasadena Avenue - Omaha, Nebraska - 68107 12/13/79
***** I heard th: KEGG-1560-TEST good. Late veries came from KRZJ-1190 Beloit, Kan., KGIR-950 Mo. for r/c; WBSL-1490 East St. Louis Ill. for a good ten minute logging w/local KYNN off for maintenance on a MM. KMMZ-1140 Wyo. for s/off last month; WNEE-1380 Ind. for a report last Jan. & finally KCRO-650 for local call change. I got KBGN-TEST last year so will not try again. I'll be on vacation in SW Texas, in Big Bend National Park & Carlsbad, N.M. until New Year's. The folks & I are arriving down. 73's.

WELCOME TO MUSINGS, TONY!

TONY FITZGERBERT - 116 Devon Road - Chalfont, Pennsylvania - 18914 12/18/79
***** Hi. Let me introduce myself as this is my first Muse - with apologies to ERNIE TOPPER, as I have been a member for about a year and have neglected to Muse. I am 37 years old, married with two sons, 5 1/2 years old and 16 months. Other interests are tour bicycling, jogging, & hiking. I am a Training Specialist with Conrail in Philadelphia, and travel a bit around the system. Big news here is that WNPV-1440, Lansdale, about eight miles from the house will go U-4 in January, with 500 watts directional East after sunset. Actual broadcast hours will be 6am to midnight with a continuation of their MoR format all evening, according to the station receptionist (I could not get the CE or the PD on the phone) In anticipation of this switch from daytime only, the two daytime towers have been joined by three additional towers - the studio and offices sit amidst a grove of towers, about a mile West of Lansdale. I have returned to DXing after a 14 year absence. My last DXing took place while in the Army at a missile site near Fairbanks in 1964-65, and we used a cheap table model with a 200' copper wire connected to the cyclone fence surrounding the missile site. We got (during the winter, brrrr!!) every station in Alaska (except Sitka) plus many 5,000 watt stations on the WC, & often WNBC (when KFAR was silent), WABC, & WCBS, as well as WBZ, 5,000 miles away. KFAR-500 was AN, 1,000w 1:00 to 6:00, SP on MM, KFRB-900 on 6am to midnight, AFRN-1490 was 24 hours NSP, & KJNP, KYAK, & KRKM were not even on the drawing boards so to speak. KFAR featured straight T-40 with such personalities as Wee Willy Wally, Leaping Lee Russel, and Muckluck Mel Luck. KFRB was strictly MoR. A recent Muse from ROBERT FISCHER of Fairbanks brought back many memories of coffee, butt, and radio in the guard shack at 3am. Needless to say, Fairbanks radio must today be more sophisticated. My next Muse will elaborate on Alaska radio in the early 1960's - most of the stations then were owned by religious foundations. Also, as my wife is getting me a DX-60 for Christmas, I ought to have many catches down in the ground waves of my basement - reception is beautiful there, especially when grounded to the water pipes! Sorry I am over 30 lines - Season's Greetings & 73!

MARK LOOKS IN HIS CRYSTAL BALL

MARK CONNELLY - 30 William Road - Billerica, Massachusetts - 01821 12/17/79
***** In case anybody misinterpreted my last Muse regarding a partial break-up of clears, I should re-state it as follows: Putting a few more stations on clears in areas where the clears don't even give reliable reception on good receivers (because of LA QRM) would be more tolerable than going to 9 kHz spacing. On the other hand, if 9 kHz spacing is to be instituted, the present clears should be maintained because, at East Coast sunset, stations like WHO & WOAI would not botar the TA's, but new Eastern stations on their channels would. As one year ends and another starts, it is customary to look both forward and back in time. Looking ahead, it seems likely that 9 kHz spacing & a band extension to 1800 kHz will occur. Extension to 1800 is fine with me, I think that most of the new channels should be graveyards, so that the greatest number of stations may be accommodated. One channel should be set aside as a National Weather & Time service for truckers, pilots, and others. Such a service would use a dozen or so synchronized transmitters (50kw each) throughout the U.S. Band extension might have the undesired effect of splashing the "DX window" in the 160m ham band, bottling broadcasters above 1800 would also QRM the name. Stereo tuners having digital readout on both FM & AM will find increasing popularity among DXers - for aesthetic & practical reasons, home entertainment equipment will double as DX gear for many. A compact ferrite loop could feed the tuner; the stereo cassette deck will be used for taping both DX and music. DX magazines will publish articles on "jazzing-up" hi-fi component AM performance. 9 kHz spacing will make TA's more difficult, but not impossible. SW & LW DX will be needed to augment the MW scene for the avid foreign DXer. LA's slow to change to 9 kHz spacing will provide a host of temporary splits. Light dimmers & a continuously-increasing array of other electronic gadgets will bring us more & more RF noise. The real DXer, however, is not one to be intimidated by increasing challenges. The hobby will certainly change, but it should never die. On the "looking-back" side of the coin, the Statler Bros. may have wondered whatever happened to Randolph Scott, but what I wonder about is whatever happened to these master DXers of the past: Steve Johnson of Md., Roger Anderson of Va., Jim Poterba of Pa., Joe Piechuta of Conn., Bob Hoffman of N.J., & Mike Silvera of Jamaica. Muse if you know. Best to all in 1980!

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830
***** 12/9- Russian on 1548 in well 4:23pm - WRTH says Vinnitza & not needed; ex-1546. CJEW-1240 Summerside, P.E.I. in well also @ 4:36, unann. CBC FF on 1230 but no way to prove which one - from conditions probably CBAJ Yamouth, but that's just a guess; only in u/WESX for about 15 minutes. WMBE-1060 West Branch Mich. its usual strong signal @ 4:56 with "12 Days of Christmas" show plug. Bordeaux-1806 in strongly this PM as were several other unann TA's. CX are below average due to warm weather I guess - 65° today, 12/12. Re WXYZ History, King Trenile was originally Kunsy Trenile. No sign of KEGG, but CKLM was off & KEWF in on 1570. WVNH-1110 is off the air - I think for ten-plus days already.

THE ONCOMING DX NEWS WILL FEATURE: ISSUE DATED JANUARY 29 (PROVINCETOWN DEADLINE JAN. 14) MUSINGS OF OUR OVERSEAS MEMBERS. THE WEEK AFTER, IT'LL BE THE STATES OF NEW JERSEY, DELAWARE, MARYLAND, NEW YORK, PENNSYLVANIA, and the DISTRICT OF COLUMBIA. THE WEEK AFTER THAT, EVERYBODY MUSE WHO FAILED TO GET A MUSING IN FOR HIS PARTICULAR ISSUE! THE DEADLINES ARE NOT PAST FOR THE SOLID SOUTH ISSUE (next week) AND THE INDIANA - OHIO - WEST VIRGINIA - MINNESOTA - MICHIGAN - MISSOURI one, TWO WEEKS FROM NOW.

PLEASE REMEMBER TO DOUBLE SPACE YOUR MUSINGS AND TO REMEMBER ALSO THE 30-LINE LIMIT. -ERC

THIS IS THE M.S.T. & TEXAS SPECIAL EDITION OF MUSINGS. WE RECEIVED NOTHING AT ALL FROM TEXAS, AND JUST THIS ONE SOLITARY REPORT FROM THE M.S.T. AREA, SO HERE IT IS:

BROCK CONFIRMS THE SPUR-IMAGE PROBLEM IN DENVER

BROCK H. WHALEY - 1090 South Parker Road #523 - Denver, Colorado - 80231 12/17/79
Greetings from the Mile High. I'm 25 and do the morning show on KAZZ-FM here in Denver. I've been here for three months, and before that, I spent eight years in Florida album radio. I really miss the daytime groundwave on the salty Gulf Coast, where you could hear 500 watters in Texas at high noon. I do NOT miss the Cuban groundwave on the clear channels (just the salsa mix, hi). GENE MARTIN is right about the spur and image problems here. In the daytime many of the prime DX frequencies are covered with over-modulated spurs and harmonic mixing. Even the semi-local QY stations are bothered by "the curse of Denver."

WELCOME BACK, MICHAEL!

MICHAEL L. HOGAN - 13910 Chippewa Avenue - Apt. 1 - Burnham, Illinois - 60633 12/12/79
Hello, once again. After an absence from the Musings column for about two years, I hope now to become a regular contributor. The reason for my absence was not being a member of the NRC for that period of time. That time period was a very busy one indeed for me. In September of 1978 I became a groom, and husband to my wife Margaret. In October of 1978 I took on a new position in the Mental Health Center where I'm employed. I am now counseling adult clients who are making a transition from hospitalization to community living. The hours are from 8:30am to 5pm which would favor my participation in more SRS sessions than SSS sessions, although I can listen in on a few SSS stations when I'm not too busy. DX & my DX statistics are improving; but that will be the subject of my next Muse.

HE'S REAPING IN THE VERIES

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052 201-735-1681
Hi gang - long time no Muse. Other DX interests have kept me very busy weekly. To Dec. 11 - so far this season - 35 new receptions to 1,568; 23 veries in, to 726. & 49 reports out since 9/1. Recent veries: WKJJ WC'S KSO WBER WMBT WMPM WMPM WLLJ WNIS WFUN WKXL CBGA CBD WERS WVKO WHEM WROK WGEF WKZY WNNW WFMJ & WPLM. Good recent DX: MM 12/10-KEGG TEST @ 4-4:15am, one hour late. KCJJ-1560 Iowa City, 3-3:30am, per call to station, they are 22 hours daily, off at LSS for two hours. MM 12/3-KLQJ-1570 Brandon, Man. Those three made up for some poor recent Mus. On Thurs. afternoon Nov. 8 I taped CBGH-1530 Riviere-au-Tonnerre, Que. // -1250 CBGA Matars, Que. Nice signal for a 40w LPRT. Equipment here is a Collins R-390A, NRC FET Loop, H-P 524-B Electronic Counter & other assorted goodies. That's about it to date. Rocket Ray - the hunter now becomes the hunted, eh?

NOT MUCH LUCK

BILL TOWNSEND - 4500 Connecticut Avenue NW #901 - Washington, D.C. - 20008 202-956-8046
Despite several SSS & MM DX sessions this week, the number of newies heard here is zilch. With NSP WZAM-1390 off on PoP or other maintenance, the channel was open, but only unnn WFEL was heard. CHF-590 was heard as early as 3:38pm here, a full 70 minutes before SS here. Noontime attempts at hearing FF are thwarted by WNNT & a WGMS spur. With the Federal offices being closed next Monday, Christmas Eve, a good MM DX session is in order if the DXer isn't hooked to Christmas mx, hi! I'll probably soak up the sun and chase bikinis (hi) while listening to Christmas music and admiring the outdoor Christmas lights & other trappings, which means it may be T-shirt-and-shorts WX Christmas day like it was last Wednesday with 70°F/21°C, although it was 21°F/-6°C here this morning. A new Travelers' Info outlet is working on 530 kHz in the form of KUF-703, the D.C. Harbor Police. Transmissions started Wednesday evening 11/23 & have been on every other day on the average. 4 3/4 plus 3 2/3 de WPT and the best of DX.

JOIN THE LIVING N.R.C.! SEND IN A MUSING TODAY!

DEADLINE MONDAY, JANUARY 14: ALL MEMBERS OUTSIDE CANADA AND THE "48".
JANUARY 21: MEMBERS IN Del., Md., Pa., N.Y., D.C., & N.J.
JANUARY 28: ALL THOSE WHO FORGOT THE FIRST TIME.

VERIE SIGNERS

- A - Rick Carr F - Elliot Straus
B - Dave Schmitt G - Steven Paradies
C - Gary Houdek H - Karl Jeter
D - Ray Arruda I - n.m. Bill Stone
E - Dave Yocis J - Karl Forth
K - Ernie Cooper

Thank you, folks on the left, for sending in these verie signers. We can use more of you nitching in to help, too - all those who are complete DXers and who verify their catches, please send in those recent signers' names.

- 570 WPLP 1 Brad J. Richter, DoE A
1390 WANY pu Randy Speck, Pub. Afre H
WSYR q Robert J. Parkhurst, CE E
KCRC lmbw Pat Murphy, VP, GM A
570 WMAQ fb M. Technical Operations E
1380 KJET 1 Jeffrey D. Dudgeon, PD A
730 WVIC 1 John M. Hanley, CE E
1400 WFPF lmb Wiley W. Taylor, CE WBSMKE-A
690 KGGF f Robert McBride, PD J
WINC 1 David P. Lewis, GM B
740 KCMC lmb Douglas Davis, GM A
1410 KJCH lmb Glen Dodson, CE A
WSPX lmbh Richard Salter, CE, WB4UAY-A
750 WSB C George Fischer, PD G
A 1430 KEEK lmb J. H. Reynolds, VP, M A
WFDX lmb Ron Stauffer, CE A
1430 WJRX q u/u E
WKXS f Christopher Hall, TD B
760 WJRX q u/u E
1450 WKXL 1 Leslie P. LeBlanc, CE DK
790 WSGW 1 Cliff Graff, CE E
WCGV 1 Barbara Holtzinger J
WNWS 1 R. Seaby, CE D
CFAB p H. A. David Morrison, EDIRI
800 KCLW c Ed Buterbaugh, VPoE G
CFYR p J. A. Radford, CE I
810 CKJS p Walter Koslowski I
CKYR p Susan Jepsen (CJYR) I
920 EYXX pub Gerry Dalton, CE A
CBQE p Walter J. Anderson, Secy, Tri
CHMO p William J. C. Sleaver I
930 KWOC pu u/u, VP & GM H
1460 KSO q William Sevenbergen, CE DF
KCCW pu u/u, GM A
1470 KWED lmb John Paul Little A
940 WINZ qm u/u A
CKO lmb Don N. Scheib, GM B
960 KGKL pum A. Lewis, GM A
1480 WAEB pu T. Snyder, CE A
990 WVSC 1 Harold P. Showman, CE D
WEDW pu Carl N. Burroughs, PD A
1000 KGRI 1b James Wallace, Business M A
WHBC q John Schen, CE E
WABT lmb Jay Lewis, P A
1490 CFNC p u/u (25w.) I
1010 WBIK lmb Carmen Macri, P A
WSIE 1 "Kellee", Exec VP H
1050 KPXE l u/u A
WSVM 1 William Rollins, Exec VP H
WSKE lmb Martin M. Bakner, D, Sales B
WJFJ 1 Alan Burns H
1060 WQIO f Daniel E. Erumbaugh, CE B
1510 WJTS q Richard W. Jolls, CE D
WKKQ 1 Jerry J. Collins J
KCTX lmb Anne Detweler A
WPHC 1 Tory A. Chapman, PD J
KEAM lmb Al Lynch, GM A
1070 WKOJ 1 John W. Keller Jr., VPoE J
KSTV pu C. W. Riddle (?), CE A
1080 WKJJ 1 Bruce Clark, VP, CE F
1500 WKRP 1 Mitchell L. Leopard, GM H
1090 WKSP 1 Edmund W. Parker, GM H
WKAX 1 E. D. Wmth, PD H
1100 KREX 1 Phillip Jensen, PD J
WIAF lmb Mark S., MxD H
1110 WSPF 1 Criss Onan, SM J
1520 WEMG m Roscoe Bedenbaugh, Exec VP, GM-H
KEOR lmb Roy L. Coffman Jr., GM A
KRJH lmb T. Michael Williamson, M A
EPAL lmbw Joseph F. Simmon, GM A
1530 WMBT f Julian J. Milewski, CE D
KRLA q Jack Reider, CE A
WOBR 1 Ken Mann, GM H
1120 EMOX c u/u C
WASC 1 David Bridges, PD J
WASC lmb James E. Harrelson, GM H
1130 WASP 1 David Bridges, PD J
1540 KCTO lmb Barry "Hook" Hoekstra, PD A
WACQ 1 Fred R. Highey, P, GM H
1550 KQXI lmb Remona Harris, GM B
WCXI lmb John E. Risher, VP, GM DK
WLUX 1 Denny Hodges, PD A
1140 KPWB lmb (Cloria Williams, P A
1560 WPAD 1 Edward B. Fritts, GM D
(Dennis Hoivis, VP A
KCAD pu Russ Wristen, Audio Cons. A
1150 CJRC lu André Bonneau, CE A
KAJN lmb Richard R. Roehm H
1170 WBRW 1 Charles A. Hecht, CE D
1570 KBRI lmb W. G. Eledge, GM A
1190 KHAD pu Pinkney B. Cole, M A
KTAT lmb u/u A
1220 WKMT 1 Jonas Bridges, M H
KTRR lmb u/u A
KVSA 1 James Hunt, CE A
KZOL 1 Leigh Ann Woods, Trf M A
1230 KERV lmb Mike L. Chestnut, CE A
WGRS 1 William Kent D
KLLC pu Rodney L. Evans, E A
WBUX 1 Thomas Calvin, Op M H
WCOL qm Tip Carpenter, VPoE B
WLSC f Mike Allen, PD, E H
WBOK pu u/u, CE A
1580 WORG p Michael W. La Brae, CE I
BrightonIs.p James Currie, Secy, Mgr. I
WMPF lmb Walter L. Smith, GM F
1240 KCLV lmb Randy Hays, CE A
WBBR 1 William H. Kirby, P, GM F
KDDG 1 u/u A
WHFM 1 Don Fennimore, GM H
1250 KOKY lmb Debbie Dollar, M A
WGTW 1 Ron Aicher, O, GM H
CBGA 1 Claude Duberger, CE F
CEJ q Remi Dullaie H
1260 KWSH lmb Dennis Burton, CE A
WBER 1 Russell Anepler H
1290 WSHF pu Gary Wright, M H
WESY upl D. French, M AH
1300 WMTM 1 Douglas J. Turner, O J
WSKT up Harry Morgan, O H
1310 WTTL 1 Wanda Fork, Trfc J
WCCF up Myrtle P. Butler, Op M H
1330 WTRE 1 Jerry W. Johnston, PD J
WSEB up Dewey O'Conner, Jr., PD H
1340 CBGN p Jerome Forbes I
1590 WCBP pu Harry M. Taylor, CE A
CBRQ p Chislaine Ethier I
WHBY p H. Sugg, CE I
KPTOW pu Phillip Hall, PD A
1600 KXVI p James Schumacher I
KVOB qm G. McKenny, M A
KOST p Phillip Pehr, Oper'l Eng I
KXPO lb Gary C. Pearson A
Rex Elliot, M A
KOCY lmb Britt Lockhart, E A
1350 WLNH 1 Paul Shulins, AE D
690 WTIK 1 Blair Kulkman, ACE B
WRWH 1 Joel R. Clark H
JOIN THE LIVING N.R.C.!
WBER 1 John Keschesky, CE B
ENJOY THE FUN OF VERIFYING YOUR CATCHES!