

STATIC FROM HQ

If you haven't noticed, our favorite publication is larger than normal this time. After being off for a week, we thought we'd give you something to keep you busy. Thanks to all who contributed. And, would you believe we still have at least 20 pages on hold!

Unless something comes in after our normal deadline, we have gone from feast to famine in the CPC test department. Keep sending those letters and maybe we'll still have a few tests to close out the season with.

Chuck Hutton asked that we give a report of TRF purchases and shipments, so here goes: Shipped - Mountain, Nowak, Ponder, Doherty, Eisentraeger (order #1), Arvin, Freed, Adamson, Legler, Tuthill, Reed, Sampson, Stilwell, Hagan, Smith, Paulsen, Cave, Satterthwaite, Wong, Yentema, Cantrell, Whittier, Greenlee, Monroe, Madzelonka, Nitshe, Lamb, Leamy, McIntire, Snow, Bennison, Quaglieri, Wurtzel, Dimmick, Shiels, Foltz, Sluka, Gray, Recco, Valdron, Griffiths, Hahn, Messenger and Bedoya. To ship mid-April at latest: Eisentraeger (order #2), Taylor, Allen, Kazaross, Lou Ferrigno.out of filters because Radio West is sold out...will ship when filters arrive. <u>Also</u>, Chuck has <u>three</u> and only <u>three</u> TRF's left on a first come/first serve basis. His address is at the top of his column inside and additional info on the price, etc. is found in past issues of this fine rag.....

The Three Mile Island DX Assn. (no foolin') asked us to pass on the following: The First Annual Pennsylvania DX Get Together will be held Sunday, June 15, 1980 at the picnic grounds at Penn State, State College, PA. All DXers and SWLs and Radio hobbyists are welcome, regardless of residence and area of interest. For more information send a SASE to Don Moore/Box 157, R.D. #5/Bellefonte, PA/16823.

| | additional problems, we incl | |
|------------------------|------------------------------|---|
| | appeared in the November 26 | DXN on page 19: |
| April 7 - #22 | May 26 - #25 | |
| April 21 - #23 | June 16 - #26 | August 11 - #29 |
| May 12 - #24 | June 30 - #27 | August 25 - #30 |
| Deadlines in Louisvill | e are 10 days prior | September 8 - #31 September 22 - #32 |

A slip up between ERC and us resulted in listing the wrong date for Dave Yocis's turn at Musings. Not only that but the two-word-city Musings deadline is also changed. The correct date for Dave's column is M-a-y 12. Send your Musings to Dave at 502 West McDonel, MSU, East Lansing, MI 48824 Important...important...Dave's deadline is: <u>APRIL 28</u>. The two-word-city Musings deadline is now Monday, April 7 in Provincetown.

LOOK INSIDE

| DDXD2 | Verie Signers |
|---------------------------------|-----------------------------|
| IDXD8 | Musings of the Folks |
| Selectivity ModificationsTRF20 | |
| Zonal Analysis Approach to | A-Musing Members |
| Pan American DX | April Fuel |
| Graveyard DX Achievements25 | LPC Resignation Statement |
| International DX Achievements29 | |
| Broadcasting in Germany | Happy EASTER from the Bunch |
| Humpler 4NK8 Receiver Review37 | in LOU-AH-VUL!!!! |
| Strong Signal Handling40 | |

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

OMESTIC DAVE SCHMIDT 42 CHELWYNNE ROAD DIGEST CASTLE HILLS NEW CASTLE, DE 19720 We've got alot of info this week, thanks to all who sent their items in. When sending tips, please keep your info to one side of the paper, typed or written, ELT, etc. Here we go: DX TESTS KMNS - Not heard by DS-DE. WMLP - Not Heard by DS-DE. KMNS - Not he WKSK - Heard by SRS-IN, TT only ERC-MA, DS - DE. WJAZ - Heard by WPT-DC, TT only DS-DE, Not heard RA-MA. WROM - Heard by SRS-IN, JF-ON. WJWL - Heard by S. WNJR - Heard by RA-MA, WPT-DC. Didn't try-DS-DE. WGIG - Not heard by RA-MA, MF-MI. Didn't know DS-DE! MJWL - Heard by SRS-IN, MF-MI. FREQ. CHECKS 1st Thu...WCPM-1280 w/TT. (DS-DE, EE-PA) 1st Fri...WBTX-1470 w/TT. (DS-DE, JE-NY) WHBG-1360 w/TT. (DS-DE) WPMH-1010 w/TT. (DS-DE, JWE-PA) KGIR-960 w/TT 0101-0104 (DS-DE) WQCK-1600 w/DT (DS-DE, JWB-FA) WRTA-1240 Not heard, (DS-DE, JWB-FA) WRAW-1340 Not heard, (DS-DE) 1st Sat...WRVK-1460 w/TT (JS-OH) 1st Sun...WEVA-860 w/mx (MF-MI, 0000-0015 per v/l). 2nd Mon...KRGL-1430 w/TT (SRS-IN) WSHY-1560 Not heard (JWB-PA) KQNK-1530 Not heard due to WCKY ET (JWB-FA) 2nd Tue...KINO-1230 (WH-CO) 2nd Sat...KNLV-1060 (WH-CO) KBRB-1400 (WH-CO, 0110-0120 per w/l). 3rd Mon...KIMM-1150 (WH-CO, annc'd f/c 0270-0240). KSNO-1260 (WH-CO, new time 0230-0245, months 1-4-7-10 onLy?) KFMJ-1050 (WH-CO, 0100-0115 per v/l). 3rd Tue...KYDE-1590 (WH-CO, 0100-0115 per v/l). 3rd Tue...KYDE-1590 (WH-CO, 0200-0215, not on list). KRTN-1490 (WH-CO, 0215-0230, not on list). 3rd Sat...KCNI-1280 (WH-CO)

SPECIAL

1110 WVNH NH Salem, Still noted off the air 3/4 (SM-MA) 1260 WWOK FL Miami, New address per v/1: 2741 N. 29th Ave., Hollywood, FL 33020. (RA-MA)

RON MUSCO phones in the info that the new stations for Greenfield, Mass. (1520), Vernon, Conn.(1170), and Richfield, Conn. (850) are still not yet on the air. I understand the Greenfield station is having problems finding a transmitter site.

MIDDAY TO MIDNIGHT

| 560 | WFRB | MD | FROSTBURG - 3/6 1245 noted at very good level w/CW MX, w/ WFIL nulled. (DS-DE) |
|-----|--------------|----------|--|
| | WEBC | MN | DULUTH - 3/8 1850 very strong w/Top 40, new. (JB-NY) SPRINGFIELD - 2/27 2129 Female DJ w/CH mx, ID. (GM-TX) |
| 600 | KWTO KTBB | MO TX | $m_{\rm TTD}$ $2/27$ 1030 motod $m/m_{\rm TD}$ 10 |
| 000 | WSJS | NC | VINSTON-SALEM - 3/2 2106 on top w/snow cancerfactons due (EB-PA) |
| 610 | WDAF | MO | |
| | WIOD | FL | MIAMI - 2/21 2300 ID w/ some place for sports," then list of teams aired on station. (EB-PA) (JB-NY) |
| 630 | WEJL. | PA | of teams aired on Station. (JB-NY) SCRANTON - 3/2 1730 rather weak w/nx. (JB-NY) TIMMONE - 2/23 2253 fair in CFTR null w/nr, followed. IN) |
| 680 | CKGB | ON WV | TIMMONE - 2/23 2255 fair in CFTR null w/nx followed by CHARLESTON - 3/8 1822 fair in CFTR null w/nx followed by |
| | | | jingle. (JB-NY) MOBILS - 2/20 1935 noted w/ID u/MOR. (EM-FL) |
| 710 | KGNC | AL TX | MOBILE - 2/20 1935 Hoted w/market report u/KRG. MMM-FL) |
| | | | WCUR RADIO - 640 AM |

West Chester State College, West Chester, Pennsylvania 19380

| 730 | CKDM | MB | Gordon Lightfoot song. Good signal. (MK-MI) |
|------|--------------|----------|---|
| 740 | WVCH | PA | CURCERP - 3/9 1715 covering (BL w/religion, rare here (JWB). |
| | | | J/9 1750 very loud in CBL null w/mx & promo "Insights for Living." S/off w/"ringing of the bells in the old court- |
| | | | Living." S/off w/"ringing of the bells in the off court- house", 11,663 day of b'casting. First time on RS. (JS-OH) |
| | WGSM | NY | HINTINGTON - 3/9 1801 s/off right after WVCH. no SSB (JS-OH) |
| | WNOP | KY | NEWPORT - 3/9 1802-1820+ jazz right after WGSM s/off (JS-OH) MT. AIRY - 3/9 1805-1815 o/u WNOP w/nx. (JS-OH) |
| | WPAQ | NC TX | MT. AIRY - 3/9 1805-1815 o/u WNOP w/nx. (JS-OH) TEXARKANA - 2/27 1940 w/CW mx, atop freq. at LSS. (GM-TX) |
| 790 | KCMC KULF | TX | HOUSTON - 2/27 1944 w/spots for Houston & Apollos, ID (GM-TX) |
| | WNWS | FL | S. MIAMI - 2/9 1814 Xint signal w/local baseball, gone at |
| | WERD | (TINT | pattern change. (EB-PA) JOHNSON CITY - 2/23 1806 spot for local group, jx, good (EB) |
| 800 | WETB WSVS | TN VA | CREWE - 3/12 1805 noted w/local bank spot, nx, insurance |
| | | | company in Victoria spot. Good. (EB-PA) |
| 860 | WNOV | WI | MILWAUKEE - 2/28 1738 fair w/soul mx, ID "Radio 86, WNOV" (SRS) ITHACA - 3/8 1651 rarely heard here, noted w/MOR/BFL mx. |
| 870 | WHCU | NY | Usually nothing but WCBS-880 splash here (GW-PA) |
| 920 | WOKR | WI | MILWAUKEE - 3/2 1836 good w/promo for Easter Seals Dance (JB) |
| | WBBB | NC | BURLINGTON - 3/12 1830 Xlnt w/s/off, no SSB. (EB-PA) FAIRMONT - 3/12 1831 XLNT w/wx, many mentions of Marion |
| | WMMIN | 4: ¥ | county and Community College BKB team. (EB-PA) |
| 930 | WGNT | V.S. | HUNTINGTON - 2/3 2215 many ID's, Top 40 mx, o/jumble. (EB-PA) |
| 940 | WCPC | MS | HOUSTON - 2/20 1815-1830 noted w/Pop mx, loud. (EM-FL) FAYETTEVILLE - 3/9 1710-1730+ noted w/Texas/NC BKB w/local |
| | WFNC | NC | WGRP nulled. (JS-OH) |
| | KVSH | NE | VALENTINE - 1/26 1820 fair in partial CBM null w/local bank |
| | MAGHI | 1.1.7 | spot. (JF-ON) SHELL LAKE - 1/26 1746 good w/s/off by feamle, mention of |
| | YCSW | MI | "GOM-FM. (JF-ON) |
| 950 | KXJK | AR | FORREST CITY - 2/24 1835 ad for local Holiday Inn, then |
| 060 | WPRT | 77.37 | local nx. (EB-PA) PRESTONBURG - 3/12 1845 good o/WFIR w/s/off w/mention of |
| 960 | aPRI | ΚY | FM on 105.5 (EB-PA) |
| | WFIR | VA | ROANOKE - 2/21 2235 noted w/promo & ID (EM-FL) |
| | WHAK | MI | ROGERS CITY - 3/2 1837-1845 very strong til s/off w/no SSB, my 1000th station, little slop from local WBBF-950 (JB-NY) |
| 970 | WHA | WI | MADISON - 3/2 1850-1900 w/"Great Decisions" program, then |
| | | | s/off, o/u WMAY. (NZ-NE). Should send a v/f, Neil. (DS) |
| | WAVE - | ΚY | LOUISVILLE - 2/271952 "97 Wave" ID, wx, pop mx. (GM-TX), 2/20 2249 Top 40 mx, ID, local WFLA nulled. (EM-FL) |
| 980 | WRC | DC | WASHINGTON - 2/21 2246 talk show in progress, ID (EM-FL) |
| 990 | KWAM | TN | MEMPHIS - 2/13 1830 ad for tax service, "Wam Public Service" |
| | WVSC | PA. | then PSA. (EB-PA) SOMERSET - 3/8 1814 1st time w/s/off, FM mention (GW-PA) |
| 1000 | WKDE | | ALTAVISTA - 3/12 1818 many mentions of Altavista, ID then |
| | | | |
| | WYOV | AL | HUNTSVILLE - 2/11 1751 spot for local home center & bowling alley then faded. (EB-PA) |
| 1020 | WPEO | IL | PEORIA - 3/9 1859 s/off read over "Amazing Grace", semi- |
| | | | local KDKA nulled. (JS-OH) |
| 1010 | WCIL | WI | CARBONDALE - 3/9 1900 s/off right after WPEO, no SSB (JS-OH) STEVENS POINT - 1/26 1645-1700 fair o/u CFRB w/local spots, |
| 1010 | HAL & | | CW mx, UPI nx. (JF-ON) |
| 1060 | WNPC | TN | NEWPORT - 1/22 1745 s/off weak u/KYW. (JF-ON) (JB-NY) McCLEANSBORO - 3/3 1819 in w/"Salute to the American Farmer" |
| 1080 | WPOK | TT | PONTTAC = 3/3 1820 in briefly w/good cx to Ill. (JB-NY) |
| 1000 | WQRO | PA | PONTIAC - 3/3 1820 in briefly w/good cx to Ill. (JB-NY) HUNTINGTON - 3/9 1645-1700 first time here, in well w/WEEP |
| 1000 | | • | nulled. (JS-OH) |
| 1170 | WISS WIKE | IWI | WAUPUN - 2/29 1821-1829 W/salesmans' job for WLKE spot, CW |
| | | | mx, promo for "SE WISC. offical wx radar warning station"(NZ) |
| 1180 | VOA | FL | MARATHON - 2/6 2110-2200 atop w/aurora cx, SS talk, s/off |
| 1210 | WKNX | MI | w/Yankee Doodle. (GM-MD) SAGINAW - 3/7 1833 Top 40 mx, ID, o/u WCAU. (WPT-DC) |
| 1250 | KBRF | MN | FERUS FALLS - 1/17 1742 weak o/u mess w/CW mx, local spots. |
| 1000 | LINDE | TH | Verie mentions CP is on. (JF-ON) |
| 1260 | WNDE | IN | INDIANAPOLIS - 3/8 2203 nx, ID, time check by male annc'r, fair signal. (WPT-MD) |
| | WJJJ | VA | CHRISTIANSBURG - 3/16 1829 quick s/oil noted w/no SSB, mentior |
| 1270 | MD TO | | of "Rock in Stereo, V-105", their FM. (DS-DE) MAUSTON - 2/6 1716 fair o/WXYZ w/promo for BKB game to be |
| 1270 | WRJC | WI | aired on WRJC-FM. (JF-ON) |
| 1280 | WYVE | VA | WYTHEVILLE - 3/16 1827 noted w/Fox Old's spot then instr. |
| 1200 | VOTT | NE | mx til s/off. Now on 2500 watts. Loud. (DS-DE) OMAHA - 2/27 2111 in mess w/Top 40, ID. (GM-TX) |
| 1290 | KOIL | 14 12 | OMAHA - 2/27 2111 in mess w/Top 40, ID. (GM-TX) |

| 4) | | | | |
|-----|-------|------|-----|--|
| 129 | 0 .41 | BF | NY | BINGHAMTON - 3/8 1530 in Endicott. (GW) |
| 123 | | HIO | OH | BINGHAMTON - 3/8 1539 in poor w/ad for store in Endicott.(GW) DAYTON - 3/8 1553 amazing daytime reception w/ad for Electrical Workers Union working for a better Dayton.(GW-PA) MARINETTE - 1/23 1730 working for a better Dayton.(GW-PA) |
| 130 | | CJL | WI | WLOT. (JF-ON) |
| | WI | XXI | MS | JACKSON - 2/7 1855 1910 good, alone of freq. during auroral ex w/disco mx, ID., "Kickcee". (JF-ON) |
| 132 | 20 WI | KRK | NC | MURPHY - 3/6 1845 s/off w/mention of S% NC's most powerful station. Good o/pest WKTO, #12 on 1320 (WPT-DC) |
| | | VHN | AR | FT. SMITH - 2/7 1855 Jair u/CFGM w/Top 40 mr. ARN nr. (JF) |
| | | DMJ | MI | MARULETTE - 1/22 1/45 good, atop ireq, w/sr, (JE-ON) |
| | | HOK | OH | LANCASTER - 2/15 1758 weak in mess w/ID. (JF-ON) |
| 133 | | PRZ | IL | EVANSTON - 2/27 1805 "Chicago land wx", local spot, xint.(EB) PORTSMOUTH - 3/2 1749 on top w/talk show, new. (JB-NY) |
| 135 | | NIS | NC | CHAPEL HILL - 2/20 1955 ID noted then Top 40. (EM-FL) |
| | | LRS | MO | MOUTAIN GROVE - 1/11 1740 weak in mess w/contest promo (JF-ON) |
| | | MNS | NY | OLEAN - 2/1 1731 fair w/WKYO w/bkb promo to be aired on WEZJ-FM. (JF-ON) |
| 137 | 70 C. | FVD | PQ | VILLE-DEGELIS - 3/6 1800 running FF, parellel to 1310 (CHGB), o/TFEA_ (SM-MA) |
| | W. | LTH | IN | GARY - 2/20 1954 noted on past s/off w/OC, possible start of ET for new night operation. (SRS-IN) |
| 138 | 30 W | IZO | TN | PRANKLIN - 3/7 1845-1848 strong w/spot for Franklin businesses the CW mx. (JB-NY) (JF-ON) |
| 139 | 90 W | TNK | MS | MERTDIAN - 2/7 1846 strong, alone w/disco mx to s/oii, no SSB |
| 142 | | LET | GA | TOCCOA - 2/12 1813 fair w/s/off, mention of PSA power, no SSB. (EB-PA) |
| 143 | | BEV | WI | BEAVER DAM - 1/23 1734 weak u/CKFH w/long wx then sx. (JF-ON) |
| 141 | 70 C | KO | ₽Q | POINTE CLAIRE - 1/24 1740 fair o/mess w/all nx, reports from other Canadian cities. (JF-ON) |
| | K | тсв | MO | MALDEN - 2/16 1847 weak in mess w/s/off, mention of Tri- |
| 150 | 00 W | MJL | K¥ | MARTON - 2/16 1828 weak but alone w/s/off. (JF-ON) |
| | | AUK | WI. | WAUKESHA - 3/8 1855-1859 strong at s/off, no SSB (JB-NY) |
| 152 | | BNO | OH | BRYAN - 2/27 1737 fair w/CW mx, antique show mention, w/WKVI. (SRS-IN) |
| | K | MAV | ND | MAYVILLE - 2/14 1820 strong w/WKEW ending "World Today" |
| 152 | 20 W | CHE | PA | MEST CHESTER - 3/8 1323 "W.C.'s only radio station," good on tane. (GW-PA). 3/9 1800 topping freq. w/nx, wx, ID(JWB) |
| 15 | 30 W | RBX | NC | CHAPEL HILL - 3/1 1820 good w/SID "Top of the country from the top of your dial". (EB-PA) Eccech! (DS) |
| 15 | 40 W | 00Z | NC | WHITEVILLE - 2/2 1801 weak in mess w/bits of s/oIL. (JT-UN) |
| 15 | 50 K | GMO | MO | CAPE GIRARDEAU - 2/22 2047 noted on past s/off time w/FM 101 ID's. Test to go fulltime? (SRS-IN). No. sounds like some- |
| | L | TVD | IN | body forgot to shut the AM xmitter down! (DS) CRAWFORDSVILLE - 1/21 1746 ID caught in mess on tape replay(JF) |
| | | XVA | WV | CAHRLESTOWN - 1618 3/9 fair w/ID during s/oii. (SDM-MA) |
| 15 | | SSA | GA | MORROW - 2/12 1817 fair at s/oil. address given. (LD-FA) |
| ., | | TI | VA | ROCKY MOUNT - 2/41 1801 s/off w/mention of 500 watt PSA |
| | N | CRL | AL | ONEOTA - 2/18 1829 xint at s/off w/mention of studio & |
| 15 | | /BBA | IL | PITTSFIELD - 2/20 1844 fair w/s/off, mention of tuning to FM 97. (SRS-IN) |
| ۰. | | PUV | VA | PULASKI - 2/1 1800 good s/off w/mention of critical power hours, no SSB. (EB-PA) |
| | | LIJ | TN | SHELDYVILLE - 2/18 1830 good at s/off w/SSB. (EB-PA) |
| | k | SKT | TN | KNOXYILLE - 2/21 1800 Religious mx, ID then nx, very good over the heap. (EB-PA) |
| 15 | 90 V | vert | MD | OCEAN CITY - 3/6 1251 good w/W010 nulled, MOR. To wet ID's. Must've done some pattern work as never this strong |
| | k | RAD | MN | E. GRAND FORKS - 2/14 1900 weak way u/WAKR W/CV mx, 1D then |
| | V | HPY | NC | CLAYTON - 1/16 1800 fair o/uWJSO during aurora w/s/011 by |
| | 1, | DBL | TN | SPRINGFIELD - 1/16 1830 weak in mess w/s/oil w/mention of |
| 15 | 00 | JNJ | FL | ATLANTIC BEACH - 2/7 1/40-1/30 subject w/CHNR (JF-ON) |
| | | IVX | AL | MONTGOMERY - 2/12 1819 many mentowed. (EB-PA) |
| | | MST | NC | RETDSVILLE - 2/8 1820 KINC W/Source and |
| | | CHNR | ON | SIMCOE - 2/8 1818 fair w/wx, complaining of no snow. (EB-PA) |
| | | AYC | PA | BEDFORD - 2/23 1746 w/"Music Radio" 10's, "That's all folks" |
| | | AIC | TA | SIMCOE - 2/8 1818 fair w/wx, complaining of no snow. (EB-PA) BEDFORD - 2/23 1746 w/"Music Radio" ID's, "That's all folks" s/off, xlnt signal. (EB-PA) |

| | | | (5) |
|-------|-------|-------|---|
| 1600 | WNEU | WV | WHEELING - 2/10 1801 xlnt w/"The best in entertainment", ID then off, no SSB. (EB-PA) 3/9 1820 w/wx and "16th caller" contest. (GW-PA). |
| MIDNI | GHT M | ADNES | <u>18</u> 1 |
| 540 | СВК | SK | WATROUS - 3/5 0053 tentative based on CBC net. stuff heard on CBE earlier. Fair signal. (WPT-DC) |
| | WGTO | FL | CYPRESS GARDENS -3/10 0143 super loud on ET w/CW mx, jx (DS) |
| 560 | WIS | SC | COLUMBIA - 3/10 0028 fair to good w/CW mx. (DB-NY) |
| | WQAM | FL | MIAMI - 2/18 0144 w/pop mx, PSA, ID, (GM-MD) |
| 570 | WKBN | OH | YOUNGSTOWN - 2/18 0153 modern cw mx, ID. WGMS off. (GM-MD) |
| 580 | WCHS | WV | CHARLESTON - 2/18 0157 pop mx, SID. (GM-MD) |
| | WHP | PA | HARRISBURG - 3/10 0229 not noted this AM, left a loud WCHS. Usually off SM. (DS-DB) |
| 600 | WICC | CT | BRIDGEFORT - 3/9 0055 noted w/ID, mentions of Bridgeport, |
| 000 | | | weak. (GW-PA) Try them during the day, George. (DS) |
| | KSJB | ND | JAMESTOWN - 3/9 0201 in well w/nx. (JB-NY) |
| 610 | WIP | PA | PHILADELPHIA - 3/10 0145 noted on PoP this AM w/TT/OC, ID |
| 0.0 | | ** | at 0200 mentioned off til 0500. (DS-DE) 3/10 off this |
| _ | | | MM but noted 0410 "returning to the air after brief period |
| 51. | | | of maintenence." (RA-MA) |
| 1.4. | WDAP | MO | KANSAS CITY - 3/10 0150-0205 noted w/CW mx thru WIP OC/TT, |
| | | | "61 Country." #5 on 610 here. (DS-DE) |
| | WITH | OH | COLUMBUS - 3/10 0207 noted w/Top 40/oldies in WDAF fade. (DS) |
| 620 | WTMJ | WI | MILWAUKEE - 3/10 0242 noted w/promo o/WHEN, first time in |
| 4 | | | years. (DS-DE) |
| 630 | CFCY | PET | CHARLOTTETOWN - 3/9 0136 fair o/u UNID station, managed to |
| | | | catch ID "63-CFCY." (SDM-MA) |
| 740 | KRMG | OK | TULSA - 3/10 0214 ID noted at tune in, then s/off. (DS-DE) |

DETROIT - 2/23 0305+ noted w/ET/TT/OC, new Sat. AN SPY (JS)

SUDBURY - 3/11 0150-0210 noted w/pop mx, ID then nx on hour. (NZ-NE). This guy is a real pest anymore here. (DS)

CARAQUET - 1/11 0600-0630 strong w/nx/sports, cw mx and FFC

RICHMOND - 3/9 0540 alone w/Top 40/oldies, WSBA off. (DS-DE)

SPARTANBURG - 2/17 0312 Noted w/Top 30 CW hits. prome for

JACKSONVILLE - 3/3 0300 super loud w/ID, into A-P ng, then

JACKSONVILLE - 2/17 0600 weak o/u WBEN w/s/on w/ISSB. Log

VALENTINE - 3/10 0130 ET w/TT, ID & s/off. Maybe a switch to a 2nd MM f/c, heard in Jan & Feb. 0115-0130 (JS-OH) UTICA - 3/3 0152-0156 noted on late w/Big Band mx, sked

PHILADELPHIA - 3/17 0135 noted off this AM, WLOF left. (DS) SPRINGFIELD - 1/18 0310 fair w/WWSW/XEJ w/CW mx, PSA's, "Country 97" ID's. (JF-ON)

SEATTLE - 3/3 0440 ET/TT, clear ID 0500 then more TT, fight-

ing WVWI SSB & s/on at 0458. WVWI 1st time since '68 (JS)

MASON CITY - 2/29 0205-0210 ET w/TT & one ID noted. (NZ-NE)

QUEBEC - 3/15 0552 noted way atop KYW w/FF talk. (DS-DE)

SARNIA - 3/6 0010 spot for local car painter then Big Mac

DALLAS - 3/17 0151 loud, equal to WTIC OC w/CW mx, Larry

Scott show. (DS-DE) CLEVELAND - 3/10 0120 noted off this AM in passing. (JS-OH)

CHATTANOOGA - 2/17 0350 xlnt w/ID, James Taylor record (EB)

CHARLOTTETOWN - (No date-DS) 0151 noted w/female DJ, Top 40

McCALL - 3/3 0600 very loud rebroadcasting audio from local

WBBW. (JS-OH) Is this a new network or something? (DS)

(SDM-MA) 3/10 0215 first time this season, great signal.(JWB) PHILADELPHIA - noted off both MM 2/25 & 3/3 (RA-MA, WPT-DC,DS)

FORT WAYNE - 3/13 noted s/off 0206 w/SSB, to return 0500. Mentioned on 3/14 that off the past week and a half for

MELBOURNE - 2/17 0335 xlnt w/ID, time check & request. (EB-PA)

DEWVER - 3/10 0200 local like signal, o/WJW ET. (JWB-PA)

BOSTON - 2/4 0301 very strong o/KOA/CKVL/WKIX mess w/ET

3/10 0324 ET w/ID then mx. (DB-NY)

3/10 0400 good w/ID then talk. (DB-NY)

spot, many ID's, fair signal. (EB-PA)

high school contest. (EB-PA)

while looking for the KGOE TEST. (JF-ON)

folk mr. (JF-ON)

CW mx. (JS-OH)

sez NSP. (JF-ON)

change? (RA-MA)

xmitter work. (DS-DE)

KQEN ID ROSENBURG - 3/10 0600 super loud rebroadcasting audio from WBBW. (JS). Last time I heard them, they were running WSNJ(DS) 1250 WCHO OH WASHINGTON COURT HOUSE - 2/16 0645 weak w/WTAE. caught end

ID

760

790

810

850

910

920

930

940

950

970

1000

1010

1060

1070

1080

1100

1150

1190

1210

1240

WJR

CKSO

CJVA

KOA

WHDH

WRNL

WORD

WLAS NC

WMEL

WJAX

KVSH NE

WIBX NY

WPEN PA

WMAY

KOMO

KSMN

CJRP

CHOK

KRLD

WWWE

WGOW

WOWO

CHTN PEI

WCAU PA

KMCL

MI

ON

NB

CO

MA

VA

SC

FL

FL

IL

AW

IA

PQ

ON

TX

OH

TN

IN

WASHINGTON COURT HOUSE - 2/16 0645 weak w/WTAE, caught end of wx then MoR. (JF-ON)

| wNSPR, WXIZ nulled. (JP-ON) KING DS SIGUK FALLS - 3/11 noted on ET 0124-0127 w/0C,TT, IL. (HZ-HE) WSSO LA MSW ORLEANS - 2/10 0319 noted w/tele-talk, many ID's USD-AN WSSO TE BS 0.6715 - 2/10 0319 noted w/tele-talk, many ID's USD-AN WSSO TE BS 0.6715 - 2/10 0319 noted w/tele-talk, many ID's USD-AN WSSO TE BS 0.6715 - 2/10 0245 fait to poor w/r. (SDM-MA) WSSO TE ADTITUE - 3/9 0106 wx report w/lim Jefferies, then contest promo, better than usual. (GW-PA). WICSB then mention of 0 & 0164 by findlay Publishing Co. (JT-ON) TX CLARKSVILLE - 3/9 0106 wx report w/lim Jefferies, then contest promo, better than usual. (GW-PA) WFIN 0H FINDLAY - 2/16 0602 most wanted, strong w/s/on w/ISSB then mention of 0 & 0164 by findlay Publishing Co. (JT-ON) TX CLARKSVILLE - 3/10 0128-0206 good at times in VDRC null & UNID mill burger, KCAR, Inc., 0/NSIN, (JSON W/ISSB, mention of CA 0165 00/T1 during CJUL reception, ID at 0154 w/call letters & location only, unreadable. Sounded like w/WMW or WLAW, any ideas? (RA-MA) WFNG CT HARYOND - 3/1 0044 III TOP during CJUL reception, ID at 01544 w/call letters & location only, unreadable. Sounded like w/WW or WLAW, any ideas? (RA-MA) WFNG CT HARYOND - 3/1 00470 TOP weak w/s/on w/ISSB, mention of have changed formats from MG listed in NRC LOG. (NZ-HE) UNID 3/10 0135-0154 0070 term weak w/s/on w/ISSB, mention of have changed formats from MG listed in NRC LOG. (NZ-HE) UNID 3/17 0230 somebody very strong w/religious ms o/u MSH while diting for WED. With a distribution (JS-ON) WFEN KANNEE - 3/4 0107 robed weak w/WFEL w/ID*6. Seems to have changed formats from MG listed in NRC LOG. (NZ-HE) WFEN W TARLINGTON - 3/3 0142-01494 ET w/IDM(O/EBD ms. (WP-DD) WFEN W TARLINGTON - 3/3 0142-01494 ET w/IDM(O/EBD ms. (WP-DD) WFEN W TARLINGTON - 3/3 0142-01494 ET w/IDM(O/EBD ms. (WP-DD) WFEN W TARLINGTON - 3/3 0142-01494 ET w/IDM(O/EBD ms. (WP-DD)<th>5)</th><th></th><th></th><th></th> | 5) | | | |
|--|------|---------|------------------------|---|
| KNMC SD SIOUX FALLS - 3/11 noted on ET 0124-0127 w/06, TT, ID. (W-AR) NSD SIOUX FALLS - 3/010 0319 noted w/tele-talk, many ID's (HSD-A) WARK MG GARDIEARS - 2/10 0328 w/American Top 40, U/WGSO (EB-A) WARK MG GARDIEAR - 3/0 0155 noted w/tele-talk, many U/WGSO (EB-A) WARC PA MEW CASTLE - 2/10 0268 w/American Top 40, U/WGSO (EB-A) WARC PA MEW CASTLE - 2/10 0269 Tair to poor w/Ir. (SDM-MA) WING G GARDIELS - 3/0 0166 xr poor w/Ir. (SDM-MA) WING G CART X, CARANA AND AND AND AND AND AND AND AND AND | 1270 | CJTN | ON | |
| 260 WSGO LA NEW ORLEARS - 2/10 0319 noted w/kele-talk, many ID's (ES-PA) WASK ME GARDINER - 3/9 0115 noted w/ad for Judy Collins concert at Augusta Civic Genter, ist time here. (UN-PA). Mich (DS) 270 WKTG PA PITTSDURGH - 3/10 0015 fairs the here. (UN-PA). WASK ME GARDINIES - 3/10 0015 fairs the here. (UN-PA). WICh (DS) 270 WKTG PA PITTSDURGH - 3/10 0015 fairs the here. WICh (DS) 270 WFIN CH (DS) 271 MARCH (DS) 271 MARCH (DS) 271 MARCH (DS) 271 MARCH (DS) 272 MARCH (DS) 273 WFIN OH (DS) 274 MARCH (D | | KNWC | SD | w/WSPR, WXYZ nulled. (JF-ON) STOIX FALLS - 3/11 noted on ET 0124-0127 w/OC.TT. ID. (NZ-NE) |
| WST PA NEW CASTLE - 2/10 0328 w/American Top 40, u/WGE0 (EB-FA). WARE G CARDINER - 3/9 0115 noted w/ad for July Dollins concert at Augusta Civic Center, ist time here. (GM-FA). Wice(ID) WFRG SG GREENVILLE - 3/9 0106 ws report w/lim JPA. WFRG SG GREENVILLE - 3/9 0106 ws report w/lim JPA. WFRG MC HEREN TO A DOLAT TO POOL WICE AND WISE THE AND CONTENT FOR AND WISE AND WISE | 1280 | | | NEW ORLEANS - 2/10 0319 noted w/tele-talk, many ID's (EB-PA) |
| Augusta Civic Center, ist time here. (CM-PA). Nice(105) WFBC SC (REENVILLE - 3/9 0106 wx report w/Jim Jefferies, then contest promo, better than usual. (CM-PA) WFBN OH FINDLAY - 2/16 0602 most wanted, strong w/don w/TSSB then mention of 0 & 0 de by Fittanoy t/w/no w/TSSB, mention of KIM - 1000 area junt rec'd (JB-NY) WANS YA EXAMPLE - 2/17 0000 (JE-000) WNIS YA EXAMPLE - 2/17 0000 (JE-000) WID YA EXAMPLE - 2/17 0000 (JE-000) WID ST, HARTE-D2-BEMUCE - 3/10 0126-0206 good at times in WDRC null & UNID TT w/Pop mx in E2 & FP, male anno'r speaking in FP, ID before nx at 0200 (RA-MA) WHM OT WLAW, any ideas? (RA-MA) WENG THARFORD - 3/4 0037 rt may into MA. (M/FN ID's. (EB-PA) WEAN NY ROOHESTER - 3/10 0037 rt may into MA. (M/FN ID'S. (EB-PA) WEAN NY ROOHESTER - 3/10 0000 rt MAR (WAM/FN ID'S. (EB-PA) WSAT NY ROOHESTER - 3/10 0000 rt WLAW MAR BULGE (KZ-NE) MND MSK NY ROOHESTER - 3/10 0000 rt WLAW MAR BULGE (KZ-NE) MND MSK IN ANDRESTER - 3/10 0000 rt WLAW MAR BULGE (KZ-NE) MND MSK IN ARCHART - 2/26 0120 0200 rt pay M/CM may estable subt no 10 19 s. testative. (JS-0H) MND MSK IN ALARTER - 2/26 0120 red way fieldgious mx of WEBY While Situation - 3/3 0142-02001 MND MSK IN ARCHART - 2/26 0127 noted w/relagi times, interd (MMPA) MND MAR HARTER - 3/10 0015-0132 strong w/TI, ID at end (MMPA) MND MAR HARTER - 3/10 0016 r | | | | NEW CASTLE - 2/10 0328 w/American Top 40, u/WGSO (EB-PA) |
| WATC PA PITTSBURGH - 3/10 0045 fair to poor w/rr. (SDM-MA) WENG SC GREENVILLE - 3/0 0106 wx report w/lim jefferies, then contest promo, better than usual. (GM-PA) WFIN OH FINLARY - 2/16 0626 strong w/g/on w/ISSB then mention of 2 d'ed by Findlay Publishing Co. (JF-ON) KOAR TX CLARKYULLE - 2/16 0658 strong w/g/on w/ISSB mention of FA power, KOAR, Inc., 0/NSLR. (JF-ON) WINS VA FORTSWOITH - 3/0 0047 in well w/taik show about foot of snow area just rec'd (JH-NT) CLARKYULLE - 2/16 0070 strong w/g/on w/ISSB, mention of FA power, KOAR, Inc., 0/NSLR. (JF-ON) CUVL FQ STE-MARLE-DD-BEAKUGE - 3/1 NI PE & FF, male anne'r speaking rull a UID Tr w/rat a 0200 (RA-MA) WIND WT ROGRESTER - 3/6 0030 Rochester wx, EZL mx, o/others (EB-PA) WARN NR ROCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WARN NH MANGHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPE NH MANGHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPE NH MANGHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPE NH MANGHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPE NH MANGHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPE NH MANGHESTER - 3/1 0230 rr mx, ID, Stallegl times, ownahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0430. ET w/T7, no ID's at legal times, somahing WSD. (J00-0 | | WABK | ME | GARDINER - 3/9 0115 noted w/ad for Judy collins concert at |
| WFBC SC GREENVILLE - 3/9 0106 wx report w/Jim Jefferles, then contest promo, better than usual. (GN-PA) WFIN 0H FINDLAY - 2/16 0650 strong w/s/on w/ISSB then mention of 0 & 01ed by Findlay Publishing Co. (JP-ON) KOAR TX GLARKSVILLE - 2/16 0658 strong w/s/on w/ISSB, mention of FSA power, KOAR, Inc., 0/KSL. (JP-ON) WAIS VA FORTSMOITH - 3/3 0047 in well w/talk show about foot of enow area just reo'd (JB-NY) GO CJVL PQ STE-MARLE-DE-BRAUGE - 3/10 012 - 0206 good at times in WDBC null & WHD TX W/Pop mx in 28 a.M. WID JY WORD MARLE-DE-BRAUGE - 3/10 012 - 0206 good at times in WDBC null & UNID TX W/Pop mx in 28 a.M. WID JY MORD - 3/4 0027 mult and the anno'r speaking in PF, ID before nx at 0200 (MA reception, ID at 01544 w/call letters & latena? (MA-MA) WORD MARLESTER - 3/10 0037 nr mx, ID, FSA. (GM-MD) WORM NY MODIMESTER - 3/6 0030 Bochester wx, ELL mx, o/others (EB-PA) WORM NY MODIMESTER - 3/10 007 nr mx, ID, FSA. (GM-MD) WARM NY MODIMESTER - 3/10 007 nr mx, ID, FSA. (GM-MD) WID J/3 0100-0430. ET w/TT, no ID's at legal times, smashing WSED. (JS-011) WID J/10 0200-0430. ET w/TT, no ID's at legal times, smashing WSED. (JS-011) WID J/10 0200-0430. ET w/TT, no the at legal times, smashing WSED. (JS-011) WID J/10 0200-0430. ET w/TT, no the at legal times, smashing WSED. (JS-011) WID J/10 0200-0430. ET w/TT, no the at legal times, smashing WSED. (JS-011) WID J/10 0200-0430. ET w/TT, no the at legal times, smashing WSED. (JS-011) WID MARK N HEWARK - 2/22 0127 noted w/tsle-talk, ID then Mutual nx, MARM VI AMARKSTER - 3/10 0115-0132 strong w/TT, ID at end (JMB-PA) WID MARK N HANGTER - 3/3 0142-0104 str w/DV RM, ER-PA) WID MARK N HEWARK - 2/22 0127 noted w/tsle-talk, ID then Mutual nx, MARM VI AMARKSTER - 3/3 01012 tair(solve BA twith, wrET, one (JS) WID MARK | 1320 | WKTO | P۸ | PITTSBURGH - 3/10 0045 fair to poor w/rr. (SDM-MA) |
| contest promo, better than usual. (UM-PA) WFIN OH FINDLAT - 2/16 0658 wated, strong w/son w/ISSB then mention of 0 & 0'ed by Findlay Publishing Co. (JF-ON) STECARKSVILLE - 2/16 0558 strong w/son w/ISSB, mention of PSA power, KCAR, inc. o/MSLR. (JF-ON) WHIS VA PORTSMOUTH -3/3 0047 in well w/talk show about foot of snow area just rec'd (JB-NY) STE-MARIE-DE-BERGUES -3/10 0126-0206 good at times in WDRC null & UNID TT w/Pop mx in ES & FF, male anne'r speaking in FF, ID before nx at 0200 (RA-MA) WHID 3/10 0135-0155 00/TT during G/H reception, ID at 0154j w/call letters & location only, unreadable. Sounded like w/mW or WLAW, any ideas? (RA-MA) x w/AW/PM ID's. (EB-PA) WDRC THARKORD - 3/4 0054 Aln Forter vx, EZI mr. o/others (EB-PA) WHE MN ROCHESTER - 2/16 0707 rms. ID, FEA. (GM-MD) KAPE LA MARKSILLE Broadcasting Co. (JF-ON) CUNW SK SASHOON - 3/3 0142-0200 on top W/S at not of strateged formats from McR listed in NRC Log. (MZ-NE) WSDL CJ 250 someday very strong w/religious mx o/u WENY while sitting for WMLP DX which dian't show, local WAMS nulled (DS) MNID 3/17 0250 someday very strong w/religious mx o/u WENY while sitting for WMLP DX which dian't show, local WAMS nulled (DS) MNIN N MKAKR - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 015-0152 strong W/T. ID at ed (JMB-PA) WNN N N MKAKK - 2/23 0325 wheat if ND WIT, WALE (BE-PA) WNN N N MKAKK - 2/20 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 0102 calr/good atop just wated withf, wocals, 3/10 0200-0430+ Lowd o/CKFH/MIRB w/TT, one ID given daring only fade. Tape replay sounds like WAS bush of the HS (JB) WNN N N MKAKK - 2/70 0228 inte w/100 (SB B-SD) WNN N N MKAKK - 2/70 023 strong w/AT. ID at edd (JMB-PA) WNN N N MKAKK - 2/70 023 strong w/T. ID at edd (JMB-PA) WNN N N MKAKK - 2/70 020 strong W/T. ID at edd (JMB-PA) WNN N N MKAKK - 2/20 015 v/out wated with | | | | GREENVILLE - 3/9 0106 wx report w/Jim Jefferies, then |
| mention of 0 & 0'ed by Findlay Publishing Co. (JF-ON) TSA power, KCAR, inc. o/MSLR. (JF-ON) WINS VILLE -2/16 0558 strong W/sOn w/ISSR mention of FSA power, KCAR, inc. o/MSLR. (JF-ON) WINS V. PORTSMOUTH -3/3 0047 in well w/talk show about foot of snow area just rec'd (JB-NY) STE-MARIE-DE-BRAUCE -3/10 0128-0206 good at times in WDRC null 4 UNID TT w/Pop mx in EE & FF, male anne'r speaking in FF, ID before nx at 0200 (RA-MA) WIND 3/10 0135-0155 00/TT during G/W reception, ID at 0154 w/call letters & location only, unreadable. Sounded like WFMW or WLAW, any ideas? (RA-MA) WORD T HARTROD - 3/4 0054 MINT for 40 am v/AM/PM ID's. (EB-PA) WEAY NY ROCHESTER - 3/6 0050 Rochester w. FAI and o/there (EB-PA) WFAN NY ROCHESTER - 3/6 0050 Rochester w. FAI (GH-MD) KAPE LA MARKSYTLLE - 2/16 0100 or yr wafw v/s/on w/ISSB, mention of Aroyelan E -3/10 007 or yr wafw v/s/on w/ISSB, mention of YATOWAN THE CHANGE STR - 1/16 0100 or yr wafw w/s/on w/ISSB, mention of YATOWAN THE CHANGE STR - 1/16 0100 on top w/CW mr, spots. Seems to SASM changed formate from MCR listed in NRC Log. (NZ-NE) UNID 3/10 00-04300 ET w/TT, no ID's at legal times, smaching WSPD. (JS-OH) WSPD. (JS-OH) WSPD. A LANCASTRE - 3/1 0120 evetu w/FEL w/ID's, mx, promos (RA) WFRL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAM. (KE-PA) WAA ALINGTON - 3/3 0120-0122 testen w/FEL w/ID's, mx, promos (RA) WFRL NY SYRACUSE - 3/3 0102 olig vends like WLS with orthing listed, 100 10's, tentative. (JS-OH) WYAA A ALINGTON - 3/3 0102 olig vends like WLS with orthing listed, 100 200-04300 toud o/CKFH/WIRE w/TT, one ID given during 0011 gade. Tape replay sounds like WLS with orthing listed, 100 200-0430 toud o/CKFH/WIRE w/TT, one the disted, WHSPAD 100 200 000 ND MSEMAK - 2/22 0127 noted w/tele-talk, ID then Matual nx, 1620 112 -0140 IS w/non store 3/00 110 s/on, popped atop w/ID then CES nx & gone. (JS-OH) WYM WH HATANOOGA 2/10 0205 hive waste | | | | contest promo, better than usual. (GW-PA) |
| 350 KCAR TX CLARKSVILLE - 2/16 0558 strong W/s/On V/1858, mention of FSA power, KCAR, Inc., 0/WSLR. (JP-ON) WITS VA FORTSMOUTH - 3/3 0047 in well w/talk show about foot of snow area just rec'd (JB-NY) 360 CJVL PC STE-MARIE-DB-BEAUCE - 3/10 0128-0206 good at times in WDRC null & UNID Tr V/Pop mx in EE & FF, male annof: speaking in FF, ID before nx at 0200 (RA-MA) WITD 3/10 0135-0155 00/TT during CJVL reception, ID at 0154 w/call letters & location only, unreadable. Sounded like WFMW or WLAM, any ideas? (RA-MA) WDRC CT HARTORD - 3/4 0054 lint Top 40 mx w/AM/PM ID's. (EB-PA) WARG NH MANCHESTER - 3/10 037 rr mx, ID, FSA. (GH-MD) WARG NH MANCHESTER - 10 6 0030 Rochester wx, ELZ mx, 0/others (EB-PA) WARG NH MANCHESTER - 3/10 037 rr mx, ID, FSA. (GH-MD) CJWW S SASKATON - 3/5 0142-0200 cn top w/G mx, spots. Seems to have changed formats from McR listed in NRC Log. (M2-NE) MNID 3/5 0100-04300 ET w/TT, no ID's at legal times, mutiled (DS) MSFD. (JS-OH) WIND 3/5 0100-04300 ET w/TT, no ID's at legal times, but no ID's, entrebody resy strong w/religious mx o/u WANT while 317 000-04300 ET w/TT, no ID's at legal times, mathing 317 000-04300 ET w/TT, no ID's at legal times, mathing 317 000-04300 ET w/TT, 000 Mar, ID 0/HLAM. (EB-PA) WIND 3/10 000-04 000 Mar, ID 0/HLAM. (EB-PA) WIND XAMKER - 3/2 0122-0128 weak u/WBEB w/ID's, mx, promos (RA) WIND NEWAKK - 2/22 0127 noted w/tel-tak, ID then Mutual mx, fair (RB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) WIND 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) WIND 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) WIND 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) WIND 3/10 0120-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WIKS. (DS-DE) WIND 3/10 0120-0100 on top of the mease w/s/off SSE (JB) WIND 3/10 0120-0127 s/00300 m/DT, popped atop w/ID then CES mx & good. (D | | WFIN | OH | FINDLAY - 2/16 0602 most wanted, strong w/s/on w/1555 then |
| PSA power, KCAR, Inc. o/WSLR. (JP-ON) WHIS VA PORTSMOUTH - 3/3 0047 in well w/talk show about foot of snow area just rec'd (JB-NY) STE-MARIE-DE-BERGUES - 3/10 0128-0206 good at times in WDRC null & UNID TT w/Pop mx in EE & FF, male annc'r speaking in FF, ID before nx at 0200 (RA-MA) UNID 3/10 0135-0155 00/TT during JVI reception, ID at 0154¹/₂ w/call letters & location only, unreadable. Sounded like WFW or WLAW, any ideas? (RA-MA) WENC TH HARTORD - 3/4 0054 Xint Top 40 mx w/AM/PM ID's. (EB-PA) WFRA NY ROCHESTER - 3/6 0030 Rochester wx, EZL mx, o/others (EB-PA) WFRA NY MY ROCHESTER - 3/1 0037 rrn x, ID, FSA. (GN-MD) CJWW SK SASKATOON - 3/3 0142-0200 on top w/CN mx, spots. Seems to have changed formats from McR listed in NRC Log. (NZ-NE) UNID 3/3 0100-0430+ ET w/TT, no ID's at legal times, smashing WSPD. (J3-001) UNID 3/17 0250 somebody very strong w/religious mx o/u WBNY while sitting for WMP DX which didn't show, local WAMS nulled (DS) WFAN NY ALMICTSH - 3/1 0017-0152 strong w/religious mx o/u WBNY while sitting for WMP DX which didn't show, local WAMS nulled (DS) WTND 3/17 0250 somebody very strong w/religious mx o/u WBNY while sitting for WMP DX which didn't show, local WAMS nulled (DS) WTND NYAKAK - 2/22 0127 noted Nam, ID o/WLAM. (EB-PA) WTND 3/10 020-0450 loud o/CKH/WIRB w/ID's, mx promos (RA) WTND NNKAKAK - 2/22 0127 noted Nam, ID o/MLAM. (EB-PA) WTND 3/10 0115-0152 strong w/TT, no at Dig teen during only fade, Tape replay sounds like WEA, sound that, SEG (JB) WTND 3/10 020-0450 loud o/CKH/WIRB w/ID's, mx. (WF-DC) WTND 3/10 0125-0126 strong w/TT, one Dig dem during only fade. Tape replay sounds like WEA bunnot the gl. WTND 3/10 0125-0126 ot top of the many D's, nx. (EB-PA) WTND 3/10 0125-0126 strong w/TT, on at grave the during for NID s/on, popped atop w/ID then CBS mx & gone. 10 strong m/s. (MS-DG) WTND WT KK (MRU | 1750 | TAND | mv | GLAPKSVILLE - 2/16 0658 strong w/s/on w/ISSB. mention of |
| WNTS VA FORTSMOTH - 5/5 0047 in weilt W/Lik Show about four of a snow area just rec'd (JR-NT). STE-MARTE-DE-BEAUGE - 3/10 0128-0206 good at times in WDRC null 4 UNID TW /Pop main BE& EFF male anne'r speaking in PF, ID before nz at 0200 (RA-MA) UNID 3/10 0135-0155 00/TT during GJVI reception, ID at 0154; w/call letters & location only, unreadable. Sounded like WFM or WLAW, any ideas? (RA-MA) WDRC CT HARTFORD - 3/4 0054 XInt Top 40 mz w/AM/PM ID's. (EB-PA) WDRC NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 030 Rochester wEZL ar. o/others (EB-PA) WFM NT MCOLHESTER - 3/6 012 CONT WEY WEAK NT. ONE Logal times, smashing 300 (JS-01) GUNW S SASKARON - 3/7 0142-0149 HT no ID's at legal times, smashing 300 (JS-01) WFM NT PA LANGASTER - 3/3 0122-0128 weak U/WFM w/ID's, mr, promos (RA) WFM NT PA LANGASTER - 3/3 0122-0128 weak u/WFM w/DT s. mot MS mulled (DS) WFM NT MARK - 2/22 0127 noted w/tele-talk, ID then Mtual nr, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) UNID 3/7 012-0140 ET w/non stop '30'E big band stuff, wocals, etc. ID at end sounded like WKS. (DS-DE) WTM MKHKS WENN WENN WEX at 0300 on of of the mess w/s/off SSE (JS) WTM CHATTANOOGA - 2/17 0226 xint w/CW mx, many ID's, nr. (EB-PA) WTM CHATTANOOGA - 2/17 0226 xint w/CW mx, many ID's, nr. (EB-PA) WTM CHATTANOOGA - 2/10 025 the weyl on the trop, nr. (EB-PA) WTM | 1250 | KUAR | IA | PSA nower, KCAR, Inc., O/WSLR, (JF-ON) |
| 360 CJVL PQ STE-MARIE-DE-BEAUCE - 3/10 0128-0205 good at times in WDR null 4 UNID Tw/Pop mr in EE & FF male anne'r speaking in FP, ID before nx at 0200 (RA-MA) WIND 3/10 0135-0155 0C/TT during JJVL reception, ID at 0154¹/₃ WDRC CT HARTFORD - 3/4 0054 Xint Top 40 mx w/AM/FM ID's. (EB-PA) WDRC CT HARTFORD - 3/4 0054 Xint Top 40 mx w/AM/FM ID's. (EB-PA) WAR NN H GOLHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH ANOHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFEM NH ANOHESTER - 3/1 very weak TT noted on/off at right times, but no ID's, tentative. (JS-0H) MIND 3/17 0230 somebody very strong w/religious mx o/u WENY while sitting for WMIP Dx which didn't show, local WAES nulled (DS) WFEL NY SYRACTSE - 3/4 0100 Top 40 mx, ID o/MLAN. (EB-PA) WREM NA ARLINCTON - 3/5 0142-0132 strong w/TT, ID at end (JWB-PA) MIND 3/10 0200-0430+ ET w/TN no EID given during only fade. Tape replay sounds like WISA but nothing listed, looping EM. Another 2½ hours wasted, S#A**! (JS-0H) MIND 3/10 0200-0430+ Lowd o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WISA but noting listed, looping EM. Another 2½ hours wasted, S#A**! (JS-0H) MIND 3/10 0200-0330+ sound dite WISA. (BS-DH) MIND 3/10 0200-0330+ sound stop '300' big band stuff, vocals, etc. ID at end sounded like WISA but noting listed, looping EM. Another 2½ hours wasted, S#A**! (JS-0H) MIND 3/10 0200-0330+ somebody here playing non-stop religious vocale, audio somewhat distorted, whon ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) WIND VI HEBROKE - 3/3 0040 coted there were, (JF-ON) MND WITI GA A TARNOGA - 2/17 0226 vory loud on ET w/Tr, used to test e | | WNIS | VA | PORTSMOUTH - 3/3 004/ in well w/tark show about 1000 of |
| null & UNID TT w/Pop mx in ES & F* male and of peparing in PF, ID before nx at 0200 (RA-MA) 3/10 0135-0155 0c/TT during CJVL reception, ID at 0154; w/CC H CARTPORD - 3/4 0054 tint Top 40 mx w/AM/PM ID's. (EB-PA) WFMC OT WLAW, any ideas? (RA-MA) WFMC OT HARTPORD - 3/4 0054 tint Top 40 mx w/AM/PM ID's. (EB-PA) WFNN M NOCHESTER - 3/6 0030 Rochester wx, EZL mx, o/others (EB-PA) WFNN M MANESTER - 3/1 0037 rms, ID, FSA. (GM-MD) WFNN M MANESTER - 3/1 0070 very weak w/s/on w/ISSB, mention of Avopelles Broadcasting Co. (JF-ON) CJWW SK SASKATOON - 3/3 0142-0200 on top w/CW mx, spots. Seems to have changed formats from MOR listed in NRC Log. (NZ-NE) UNID 3/13 0100-0430. ET w/TT, no ID's at legal times, smashing WSPD, (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WENX while oit ing for WWIP DX which didn't show, local WARS nulled (DS) YFLEN Y SKRUESE - 3/4 0100 TOP 40 mx, ID o/WLAN. (EB-PA) WHEM YA ARLINGTON - 3/3 0142-0149. ET w/ID/0C/BBD mx. (WPT-DC) WHEM YA ARLINGTON - 3/3 0142-0149. ET w/ID/0C/BBD mx. (WPT-DC) WHEM YA ARLINGTON - 3/3 0142-0149. ET w/ID/0C/BBD mx. (WPT-DC) WHEM YA ARLINGTON - 3/3 0142-0149. ET w/ID/0C/BBD mx. (WPT-DC) WHEM YA ARLINGTON - 3/3 0104 on top of the mess w/s/off SSG (JB) WINID 3/17 012-00. ET w/non stop '30's big band stuff, vocals, stir (BE-PA) 3/10 015-0132 strong w/TT, ID at end (JWE-PA) J/10 0200-0430. Last of CKFHWHER W/TT, one ID given diring insted, only fade. Tage replay sounds like WLSA but nothing listed, looping 2/M, Another 2/B hours wasted, G##**! (JS-OH) UNID 3/17 012-00. ET w/non stop '30's big band stuff, vocals, string w/RT ANOGA. 2/17 0228 tint w/CW mx, many ID's, nz. (EB-PA) WYDE YN MEW BRUNSWIGK - 3/3 0016 ontog of the mess w/s/off SSG (JB) WWDE YA HAMPTON - 3/3 0102 fair/good atop yils winstr. MoR mx, then mx weeniton of 3/10 102 string w/WRT To an ew | | | | snow area just rec'd (JB-NY) |
| in PF, ID before nx at 0200 (RA-MA) 3/10 0135-0155 0C/TT during GJVL reception, ID at 0154[±]/₂ w/call letters & location only, unreadable. Sounded like WFM or WLAW, any ideas? (RA-MA) WDRC CT HARTFORD - 3/4 0054 Xint Top 40 mx w/AM/FM ID's. (EB-PA) WDRC NT ROCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) WFMA NN ROCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAFP LA MARKSVILLE - 2/16 0700 very weak w/s/on w/ISSB, mention of 'Avoyelles Broadcasting Co. (JF-ON) CJWW SK SASKATCON - 3/5 0142-0200 on top w/CW mx, spots. Seems to have changed formats from McR listed in NRC Log. (NZ-NB) UNID 3/5 0100-0450 FE w/TT, no ID's at legal times, smahing WSDD. (JS-OH) WSPD. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WBNY while sitting for WMLP Dx which didn't show, local WARS nulled (DS) WFML NY SYRACTSE - 3/4 0100 Top 40 mx, ID o/MLAN. (BE-PA) WRFL NY SYRACTSE - 3/4 0100 Top 40 mx, DD/MAN. (BE-PA) WRAW YA ARLINGTON - 3/5 0142-0132 strong w/TT, ID at end (JWB-PA) MND 3/10 0200-0430+ Low do CKEH/MIRE w/TT, one ID given during only fade. Tape replay sounds like WISA but nothing listed, looping E/W. Another 2½ hours wasted, <i>3#A**!</i> (JS-OH) MNTD 3/10 0200-0430+ Low do for the mess w/s/ofT SS (JS) WWTE SC MKTEL BEACH - 2/23 0325 w/beautiful ID at ond (JWB-PA) MWDE VA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WWDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WNDE SC MTELE BEACH - 2/17 0226 unt by CVM xm, many ID's, nr. (EB-PA) WNDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WNDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WNDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WNDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many ID's, nr. (EB-PA) WNDE YA HAMFTON - 3/5 0102 chirk/CVM xm, many | 1360 | CIAT | $\mathbf{P}\mathbf{Q}$ | STE-MARIE-DE-BEAUCE - 5/10 0128-0200 good at times in which |
| UNID 3/10 0135-0155 0C/TT during CJVL reception, 1D at 0194% w/EAU letters & location only. unreadable. Sounded like WFM or WLAW, any ideas? (RA-MA) WDRC T HARTORD - 3/4 0054 KIN TOP 40 mx w/AM/PM ID's. (EB-PA) WSAT NY ROCHESTER - 3/6 0030 Rochester wx, EZL mx, o/others (EB-PA) WFRA HH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (CM-MD) KAPE LA MARKSVILLE - 2/16 0700 very weak w/s/on w/ISSB, mention of Avoyelles Broadcasting Co. (IP-ON) CJWW SK SASKATOON - 3/3 0142-0200 on top w/CW mx, spots. Seems to have changed formats from MoR listed in NRC Log. (NZ-NS) UNID 3/3 0100-04304 ET w/TT, no ID's at legal times, smashing WSPD. (JS-OH) UNID 3/17 0250 somebody very strong w/religious mx o/u WENX while eiting for WHLP DX which didn't show, local WAMS mulled (DS) WFEN Y KACUSE - 3/4 0100 TOP 40 mx, ID o/WLAN. (EB-PA) WFEM YA ARLINGTON - 3/3 0142-01494 ET w/ID/0C/BBD mx. (WFT-DC) WFEM YA ARLINGTON - 3/3 0142-01494 ET w/ID/0C/BBD mx. (WFT-DC) WFEM YA ARLINGTON - 3/3 0142-01494 ET w/ID/0C/BBD mx. (WFT-DC) WIND 3/17 02504 houd o/CKFH/WIRE W/TT, no at ID given during only fade. Tape replay sounds like WISA but nothing listed, 100000 and 10000 CKFH/WIRE w/TT. One ID given during only fade. Tape replay sounds like WISA but nothing listed, looping E/W, Another 2; hours wated. @#A***1 (JS-OH) UNID 3/7 012-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WISA but nothing listed, looping E/W, Another 2; hours wated. @#A***1 (JS-OH) UNID 3/17 0250-03304 somebody here playing non-stop religious vocals, audio somewhat distorted, w/no Ti's neart. Looped atop w/ID then CBS nx & gone. (JS-DE) WYAD Y MINDLEBURY - 3/3 0106 on top of the mess w/s/off SSB (JB) WYAD Y MINDLEBURY - 3/3 0106 ville trying for UNID s/on, popped atop w/ID then CBS nx & gone. (JS-DE) WYAD Y MINDLEBENGLG - 2/17 0228 kint w/CW mx, many ID's, nr. (EB-PA) WYAD Y MINDL | | | | in FF ID before nx at 0200 (RA-MA) |
| w/call letters & location only, unreadable. Sounded like WDRC CT HARTFORD - 3/4 0054 XInt Top 40 mx w/AM/PM ID's. (EB-PA) WDRC CT HARTFORD - 3/6 0030 Rochester wr, EZL mx, o/others (EB-PA) WSAN YN ROCHSTER - 3/1 0037 rr mx, ID, PSA. (CM-MD) KAPE LA MARKSVILLE - 2/16 0700 very weak w/s/on w/ISSB, mention of Aroyselles Broadcasting Co. (JF-ON) GJWW SK ASKATOON - 3/3 0142-0200 on top w/CW mx, spots. Seems to have changed formats from MOR listed in NRC Log. (NZ-NS) MID 3/5 0100-6430. ET w/TT, no ID's at legal times, smashing WSDD. (JS-OH) UNID 3/1000-0430. ET w/TT, no ID's at legal times, smashing WSDD. (JS-OH) UNID 3/17 0250 comebody very strong w/religious mx o/u WENX while atting for MMLP DX which didn't show, local WAMS nulled (DS) MIAN PA LANCASTER - 3/3 0122-0128 weak u/WFBL w/ID's, mx, promos (RA) WFEM VA ARLINGTON - 3/5 0142-0149 + ET w/ID/OC/BED mx. (WFP-DC) WAM NJ NSMAK - 2/22 0127 noted w/tel-talk, ID then Mutual nx, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) UNID 3/7 012-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WISC. (DS-DE) WOYE MN BRUNSWICK - 3/3 0160 on top of the mess w/s/off SSB (JB) UNID 3/7 012-0140 ET w/non stop '10's big band stuff, vocals, etc. ID at end sounded like WISC. (DS-DE) WOYE MN CHATTANOGA - 2/17 0226 xint w/CW mx, many ID's, nx. (EB-PA) WDE TN CHATTANOGA - 2/10 026 while trying for UNID s/on, popped atop w/ID then GBS nx & gone. (DS-DE) WOYE M HAMPTON - 3/3 044 noted w/FF talk, male annc'r, fair o/WLAC. (WFI-DC) WINE SC MYRLE - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAC. (WFI-DC) MYA M A few years back. (JS-OH) Like WMO does now-hi! (DS) MYA MM a few ye | | UNID | | 3/10 0135-0155 OC/TT during CJVL reception, ID at 01943 |
| WDRC CT HARTFORD - 3/4 0054 kint Top 40 mk W/AN/FH JDS. (LDFPA) WJRC CT HARTFORD - 3/4 0054 kint Top 40 mk W/AN/FH JDS. (LDFPA) WFRA NH MANCHESTER - 3/1 0037 rr mx, ID, PSA. (CM-MD) KAFB LA MARKSVILLE - 2/16 0700 very weak w/s/on W/ISSB, mention of Aroyelles Broadcasting Co. (JP-ON) GJWW SK SAKATCON - 3/3 0142-0200 on top W/CW mx, spots. Seems to have changed formats from MOR listed in NRC Log. (NZ-NS) UNID 3/3 0100-04304 ET w/TT, no ID's at legal times, smashing WSFD. (JS-OH) UNID 3/1 0250 somebody very strong w/religious mx o/u WBNK while eitting for WHIP DX which didn't show, local WANS nulled (DS) WIAN PA LANCASTER - 3/3 0122-0128 weak U/WFBL w/ID's, mx, promos (RA) WFEL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (BE-PA) WFEL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (WP-DC) WHAN VA ARLINGTON - 3/3 0142-0149 ET W/ID/OC/BED mx. (WP-DC) WANN NN MKAK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (BD-PA) 3/10 015-0132 strong w/TT, ID at end (UWB-PA) UNID 3/10 0200-0430+0 010 o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WISA but nothing listed, looping E/W. Another 2% hours wasted, eff.**** (JS-OH) UNID 3/7 0112-0140 ET w/non stop '50's big band stuff, vocals, etc. ID at end sounded like WISA but nothing listed, looping E/W. Another 2% hours wasted, eff.**** (JS-OH) WWDK TM CHATTANOGA - 2/17 0228 xint w/CW mx, many ID's, nx. (EB-PA) WWDK TH CHATTANOGA - 2/10 026 while trying for UNID s/on, popped atop w/UID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0500 while trying for UNID s/on, popped atop w/UID then CBS nx & gone. (DS-DE) 1500 WTH A ARPTON - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAO. (WFIDC) WMDK K CREENSBURG - 2/4 035 fair o/u WTH w/ET/TT on new freq., ex-1550. Don't know if fulltime yet. (JF-OH) 1500 WTH A ARENSBURG - 2/10 0215, wery loud on ET w/rr, used to test e | | | | w/call letters & location only, unreadable. Sounded like |
| 1370 WSAY NY ROCHESTER - 3/6 0030 Nochester W, LLL M., Oldines (BJ-IX) WFEA NH MANCHESTER - 3/1 0037 rr mx, ID, FSA. (GM-MD) KAPB LA MARKSVILLE - 2/16 0700 very weak w/s/on w/ISSB, mention of Avoyelles Broadcasting Co. (JF-ON) CJWW SK SASKATOON - 3/3 0142-0200 on top w/CW mx, spots. Seeme to have changed formats from MoR listed in NRC Log. (MZ-NE) UNID 3/3 0100-0430+ ET w/TT, no ID's at legal times, smashing WSPD, (JS-ON) 1380 KZUL AZ PARKER - 3/1 very weak TT noted on/off at right times, but no ID's, tentative. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WBNY while sitting for WMLP DX which didn't show, local WANS nulled (DS) WIAN PA LANCASTER - 3/3 0122-0128 weak u/WFBL w/ID's, mr, promos (RA) WFAL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (BE-D) WHAN VA ARINGTON - 3/3 0142-0149+ ET w/ID/00/BBD mx. (WPT-DC) MIAN VA ARINGTON - 3/3 0142-0149+ ET w/ID/00/BBD mx. (WPT-DC) MUND MY ARCUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (BE-D) UNID 3/10 0200-0430+ loud o/KFH/WIRE w/TT, ID at end (JMB-PA) UNID 3/10 0200-0430+ loud o/KFH/WIRE w/TT, ID at end (JMB-PA) UNID 3/10 0200-0430+ loud o/KFH/WIRE w/TT, ID at end (JMB-PA) UNID 3/10 12010 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WXKS. (DS-DE) WWTE CM MRTHE BRACH - 2/23 025 /wheatiful ID atop all then gone(JS) WWTE M HAMFTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then mx w/mention of blizzard. (WFT-DC) WFAD VT MIDLEBUKY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) MWDE VA HAMFTON - 3/3 0104 fair/good atop pile w/instr. MOR mx, then mx w/mention of blizzard. (WFT-DC) WFAD VT MIDLEBUKY - 3/8 0500 whife trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) MWDE VA HAMFTON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBS at 0559. (DS-DE) WMOM L MORLE - 2/27 0120 ET w/ID | | | | WFMW or WLAW, any ideas' (RA-MA) |
| WFEA NH MANCHESTER - 3/1 0037 rr mx, 1D, PSA. (GM-MD) KAPB LA MARKSVTLLE - 2/16 0700 very weak v/s/on w/ISSB, mention of Avoyelles Broadcasting Co. (JP-ON) CJWW SK SKATCON - 3/3 0142-0200 on top w/CW mx, spots. Seems to have changed formats from MoR listed in NRC Log. (NZ-NE) J/3 0100-0430+ ET w/TT, no ID's at legal times, smashing WSPD. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WBNY while eiting for WHEP DX which didn't show, local WAMS nulled (DS) UNID 3/17 0230 somebody very strong w/religious mx o/u WBNY while eiting for WHEP DX which didn't show, local WAMS nulled (DS) WFEA MY XRCUSE - 3/4 0100 Top 40 mx, ID o/MLAK. (EB-PA) WFEAM VA ARLINGTON - 3/3 0142-01494 ET w/ID/00/BBD mx. (WFT-DC) WHAM VA ARLINGTON - 3/3 0142-01494 ET w/ID/00/BBD mx. (WFT-DC) UNID 3/10 0200-0304 hour od/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2; hours wasted, @#&**! (JS-OH) UNID 3/10 0200-0304 hour od/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2; hours wasted, @#&**! (JS-OH) UNID 3/17 012-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WIKS. (DS-DE) WTEM TMTRILE BACH - 2/3 0262 w/beautiful ID atop all then gone(JS) WWDE YM HAMTING - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WFT-DC) WFAD YT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-03304 somebody here playing non-stop religious vocals, audio somewhat distorted, w/rn uset to test every MM af wy years back. (JS-OH) Like WMC0 does now-hi! (DS) 1510 CJRS PQ SHEEBROCKE - 3/3 0044 noted w/FF talk, male anne'r, fair o/WLGC. (WTP-DC) WFAD WT MCDLEDKY - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) WMOM AL | 1370 | | | ROCHESTER - 3/6 0030 Rochester WI, EAL MI, 0/011018 (BD-IK) |
| KAPB LA. MARKSTILE - 2/16 0700 very weak w/s/on w/1555, mention of Avoyelles Broadcasting Co. (JF-ON). CJWW SK SASKATOON - 3/3 0142-0200 on top w/CW mx, spots. (NZ-NE) Mayee changed formats from MoR listed in NRC Log. (NZ-NE) 3/3 0100-0430+ ET w/TT, no ID's at legal times, smashing WSPD. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WENY while sitting for WHLP DX which didn't show, local WAMS nulled (DS) 1700 WLAN PA LANCASTER - 3/3 0122-0128 weak u/WFBL w/ID's, mx, promos (RA) WFBL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN, (MEP-AD) WEAM VA ARLINGTON - 3/3 0142-0149+ ET w/ID/0C/BBD mx. (WFT-DC) 1430 WNJR NJ NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nz, fair (BE-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) 0019 g 5/w. Another 22 hours wasted. @##**! (JS-OH) 3/10 0200-0430+ loud o/CKFH/WIRE w/TT, one ID given during 0019 fade. Tape replay sounds like WISA but nothing listed, looping S/W. Another 22 hours wasted. @##**! (JS-OH) WTM WE SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WTC NJ NEW BRUNSVICK - 3/3 0106 on top of the mess w/s/off SSB (JB) WTM BRUNSVICK - 3/3 0102 clar/good atop pile w/instr. MOR mx, WFAD VT MHATTANOCGA - 2/17 0228 tint w/CW mx, many ID's, nx. (EB-PA) WTM HAMTON - 3/3 0102 tair/good atop pile w/instr. MOR mx, wwDE VA HAMTON - 3/3 0420 tair/good atop pile w/instr. MOR mx, wfAD VT MIDDLEDURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WC2Y at 0300. (DS-DE) 1500 WTM GA DAITON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) 1500 WTM NC TRYON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) 1500 WTM NC TRYON - 3/10 0215+ very loud on ET w/rr, used to test every MM a few years back. (JS-OH) Like WMO0 does now-hi! (DS) 1 | 1510 | | | WANGUERED $= 3/1 \ 0.037 \ \text{mm} \ \text{mm}, \ \text{TD}, \ \text{PSA}, \ (GM \rightarrow MD)$ |
| Avoyelles Broadcasting 00. (JP-OM) mx, spots. Seems to have changed formats from MoR listed in NRC Log. (NZ-NE) 13/5 0100-0530+ ET w/TT, no ID's at legal times, smashing WSPD. (JS-OH) WSPD. (JS-OH) UNID 3/17 0230 comebody very strong w/religious mx o/u WBNX while diting for WMLP DX which didn't show, local WAMS nulled (DS) within a for WMLP DX which didn't show, local WAMS nulled (DS) wFBL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (EB-PA) WFBL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (EB-PA) WFBL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/WLAN. (WFT-DC), fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JMB-PA) fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JMB-PA) fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JMB-PA) set. (D code 304 hour do /CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2½ hours wasted, ##*! (JS-OH) UNID 3/17 012-0140 ET w/non stop '30's big band stuff, vocals, etc. (D at end sounded like WISS. (DS-DE) WMTE SC MHTLE BEACH - 2/23 0325 w/beautinul ID atop all then gone(JS) WGTC N) NEW BRUNSWICK - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WFT-DC) WFAD TT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1510 CJRS PC SHERBURG - 2/47 0123 fair o/u WFR w/ET/To on new freq., ex-1550. Don't know if fullitme yet. (JF-ON) 1520 WTTN K GREENSBURG - 2/47 0133 fair o/u WFR w/ET/TT on new freq., ex-1550. Don't know if fullitme yet. (JF-ON) 1530 WTTN N TRYON - 3/3 0344 noted w/FF talk, male annc'r, fair o/WLAC. (WFT-DC) WMOA L MOBILE - 2/27 0120 ET w/ID & Goepel mx. (JS-OH) May wpiled out by CBE at 0559. (DS-DE) WMOA AL KARTANOCA - 2/17 0215 wery loud on ET w/rr, used to test every MM af twy actop WC2T at 0300. (DS-DE) WMOA AL KROKE - 3/3 0344 noted w/FF talk, male annc'r, fair o/WLAC. (WFT-DC) WFAD WT NC TRYON | | | | MARKSVILLE - 2/16 0700 very weak W/s/on W/ISSB, mention of |
| have changed formats from MoK listed 11 AKC Ddg. CHAPAD 3/5 0100-0430+ ET W/TT, no DJ's at legal times, smashing WSPD. (JS-OH) UNID AZ PARKER - 3/1 very weak TT noted on/off at right times, but no DJ's, tentative. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WENY while sitting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which didn't show, local WAMS nulled (DS) witting for WMEP DX which ditting for WMEP DX witting | | CI TURI | CIF | Avovelles Broadcasting Co. (JF-VA) |
| UNID 3/5 0100-0430+ ET w/TT, no ID's at legal times, Smaaning WSPL. (JS-OH) 1380 KZUL AZ PARKER - 3/1 very weak TT noted on/off at right times, but no ID's, tentative. (JS-OH) UNID 3/17 0230 somebody very strong w/religious mx o/u WBNX while sitting for WMLP DX which didn't show, local WAMS nulled (DS) 1390 WLAN PA LANCASTER - 3/4 0100 Top 40 mx, ID o/MIAN. (BE-PA) WFEL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/MIAN. (BE-PA) WKAN VA ARLINGTON - 3/3 0142-0149 kmak u/WFEL w/ID's, mx, promos (RA) WFEL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/MIAN. (BE-PA) WKAN VA ARLINGTON - 3/3 0142-0149 km w/T. D of MIAN. (WPT-DC) 1430 WNJR NJ NEWAK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (BE-PA) 3/10 0115-0132 strong w/TT, ID at end (JMS-PA) J0NID 3/10 0200-04304 loud o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2½ hours wasted, @#**! (JS-OH) J7/7 0112-0140 ET w/non stop '30's big band stuff, wocals, etc. ID at end sounded like WLKS. (DS-DE) WMYB SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WWTE NY CHATTANOGGA - 2/17 0226 xlnt w/CW mx, many ID's, nx. (EE-PA) WWDE TN CHATTANOGGA - 2/17 0226 xlnt w/CW mx, many ID's, nx. (EE-PA) WWDE YA HAMPTON - 3/5 0102 fair/good atop pile w/instr. MoR mx, then nx w/mention of blizzard. (WFT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1510 UNID 3/17 0250-03304 somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 UNID 3/17 0250-03304 somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 03004. (DS-DE) 1510 WTI GA DAITOM - 3/3 0555 (DS-DE) WMO AL MASENDEWC - 2/4 0133 fair o/U WFT w/IT/TO no mew freq., ex- | | COWW | SK | have changed formats from MOK listed in NRC LOG. (NG-NE) |
| WSPD. (JS-OH) WSPD. (JS-OH) WSPD. (JS-OH) WSUL AZ PARKER - 3/1 wery weak TT noted on/off at right times, but no ID's, tentative. (JS-OH) WIND 3/17 0230 somebody very strong w/religious mx o/u WBNX while sitting for WHEP DX which didn't show, local WAPS nulled (DS) WSMN PA LANCASTER - 3/3 0122-0128 weak u/WFEL w/ID's, mx, promos (RA) WWFEN NY SYRACUSE - 3/4 0100 TOp 40 mr, ID o/WIAN. (BE-PA) WWEAK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (BE-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) UNID 3/10 0200-0430+ loud o/CKFH/WIEK w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping B/W. Another 2½ hours wasted, @#&#*! (JS-OH) UNID 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WKS. (DS-DE) WMTE SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WOTC NJ NEW BEUNSWICK - 3/3 0106 on top of the meas w/s/off SSB (JB) WWDE TA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WTI-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 CJRS PQ SHERBROKCE - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAC. (WTI-DC) 1540 WGRK KY GREENSBURG - 2/4 0133 fair o/u WFIR w/ST/TT on new freq., ez-1550. Don't know if fulltime yet. (JF-ON) 1550 WTI GA DAITON - 3/10 0215+ very loud on ET w/rr, used to test every MM a few years back. (JS-OH) Like WMOD does now-hi! (DS) WMO AL MOBILE - 2/27 0120 ET w/ID & Gospel mx. (JS-OH) New policy: we'll list them when they're MT on, figure them on every mM, or at least it seems that way-hi! (DS) WFFJ NC TRYON - 3/1 0315 unusually good w/TOP 40, also gives ID's f</td><td></td><td>UNID</td><td></td><td>3/3 0100-0430+ ET w/TT, no ID's at legal times, smashing</td></tr><tr><td> INID 3/17 0230 somebody very strong w/religious mx o/u WENX while sitting for WHLP DX which didn't show, local WAMS nulled (DS) with the construction of the sitting for WHLP DX which didn't show, local WAMS nulled (DS) with the construction of the construct</td><td></td><td></td><td></td><td>WCDD (IC_OU)</td></tr><tr><td> UNID 3/17 0230 somebody very strong w/religious mx 0/u WBNX WHIle (DS) sitting for WHLP X which din't show, local WAMS nulled (DS) 1390 WLAN PA LANCATER - 3/3 0122-0128 weak u/WFBL w/LD's, mx, promos (RA) WEFL NY SYRACUSE - 3/4 0100 Top 40 mx, ID 0/WLAN. (EB-PA) WKM VA ARIINGTON - 3/3 0142-0149+ ET w/ID/0C/BED mx. (WPT-DC) 1430 WNJR NJ NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) UNID 3/10 0200-0430+ loud o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WISS. (DS-DE) UNID 3/10 112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WISS. (DS-DE) WMTE SC MYRFLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WWTE SC MYRFLE BEACH - 2/17 0228 xint w/CW mx, many ID's, nr. (EB-PA) WWDE VN HAMTZONG - 2/17 0228 xint w/CW mx, many ID's, nr. (EB-PA) WWDE VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 CJRS PQ SHERBROCKE - 3/3 0024 noted w/FF talk, male annc'r, fair o/WALC. (WFT-DC) MKAM few years back. (JS-OH) Like WM00 does now-hi! (DS) 1500 WTYN NC TRYON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) 1500 WTYN NC MISON - 3/10 0215+ very loud on ET w/rr, used to test every MM a few years back (JS-OH) Like WM00 does now-hi! (DS) 1500 WTYN NC HYON - 3/10 125+ very loud on ET w/rr, used to test every MM a few years back (JS-OH) Like WM00 does now-hi! (DS) 1500 WTYN NC TRYON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) WMO0 AL MOBILE - 2/27 0120 ET w/ID & Gospel mx. (JS-OH) New policy: we'll list them when they're NOT on, figure them on</td><td>1380</td><td>KZUL</td><td>AZ</td><td>PARKER - 3/1 very weak TT noted on/oil at right times, but</td></tr><tr><td> sitting for WMLP DX which didn't show, local wars hulled (DS) WFBL NY SYRACUSE - 3/4 0100 Top 40 mx, ID o/MLAN. (BE-PA) WEAM VA ARLINGTON - 3/3 0142-0149+ ET w/ID/OC/BBD mx. (WFT-DC) WARM VA ARLINGTON - 3/3 0142-0149+ ET w/ID/OC/BBD mx. (WFT-DC) WIND NJ NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (BE-PA) 3/10 0115-0132 strong w/T. ID at end (JWB-PA) UNID 3/10 020-0430+ loud o/CKPH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping S/W. Another 2½ hours wasted, @#&**! (JS-OH) UNID 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WIXS. (DS-DE) WYETE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WWTE SC MYRTLE BEACH - 2/3 0325 w/beautiful TD atop all then gone(JS) WWTE TN CHATTANOGGA - 2/17 0228 tint w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WPT-DC) WFAD VT MIDDEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1510 CJRS PQ SHERBROKE - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAC. (WPT-DC) MM a few years back. (JS-OH) Like WMOO does now-hi! (DS) 1540 WGRK KY GREENSBURG - 2/4 0133 fair o/u WPTR w/ET/TT on new freq., ex-1550. Don't know if fulltime yet. (JF-ON) 1550 WTYN NC TIXON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) WMOO AL MOBILE - 2/27 0120 ET w/ID & Gospel mx. (JS-OH) New policy: we'll list them when they're MOT on, figure them on every MM or at least it seems that way-hi! (DS) WBFJ NC WINSTON-SALEM - 3/3 0315-0335+ loud but fadey w/ET/TT/mx, several beautiful ID's, ex-WPGD. (JS-OH) WBFJ NC WARDSALEM - 3/10 0108 s/off w/SSE, good signal. (MK-MI) KAWB ND W. ARGO - 3/1 008 s/off w/SSE, good signal, (MK-MI) KAWA SD ABERDEEN - 0108-0127 3/10 believ</td><td></td><td>TINTD</td><td></td><td>Z/17 0230 somehody very strong w/religious mx 0/u WBNX While</td></tr><tr><td> WIAN PA LANCASTER - 3/3 0122-0128 weak L/WFBL W/LD'S, mk, promos (AA) WEAM VA ARLINGTON - 3/3 0142-01494 ET w/LD/02/BBD mx. (WFT-DC) WEAM VA ARLINGTON - 3/3 0142-01494 ET w/LD/02/BBD mx. (WFT-DC) WEAM VA ARLINGTON - 3/3 0142-01494 ET w/LD/02/BBD mx. (WFT-DC) UNID J NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) UNID 3/10 0200-04304 loud o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounde like WLSA but nothing listed. looping E/W. Another 22 hours wasted, @#&**! (JS-OH) UNID 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WLKS. (DS-DE) WCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/s/off SSB (JB) WUES TN CHATTANOGGA - 2/17 0226 xint w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WFT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CES nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330 tsomebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 CJRS PC SHERBROKE - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAC. (WFT-DC) MM a few years back. (JS-OH) Like WM00 does now-hi! (DS) 1540 WGRK KY GREENSBURG - 2/4 0133 fair o/u WTFR w/ET/TT on new freq., ex-1550. Don't know if fulltime yet. (JF-ON) 1550 WTYN NC TRYON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBB at 0559. (DS-DB) WMOO AL MOBILE - 2/27 0120 ET w/ID & Gospel mx. (JS-OH) New policy: we'll list them when they're MOT on, figure them on every MM, or at least it seems that Way-hi! (DS) WFFJ NC WINSTON-SALEM - 3/3 0315-0335+ loud but fadey w/ET/TT/mx, several beautiful ID's, ex-WFGD. (JS-OH) WEFJ NC WINSTON-SALEM - 3/10 0307 S/Off noted w/SSB, poor signal, in </u</td><td></td><td>ONID</td><td></td><td>sitting for WMT.P DX which didn't snow, local WAMS nulled (DS)</td></tr><tr><td> WRAM VA ARLINGTON - 3/3 0142-01494 ET W/1D/078BD mL. (WFI-DO) 1430 WNJR NJ NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) 3/10 0200-0430+ loud o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2½ hours wasted, @#2**! (JS-OH) UNID 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WKS. (DS-DE) 1450 WMYB SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) wCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/s/off SSB (JB) 1490 WDXE TN CHATTANOOGA - 2/17 0228 xlnt w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WPT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CES nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 CJRS PQ SHERBROOKE - 3/3 0044 noted w/FF talk, male annc'r, fair o/MLAC. (WFT-DC) MM a few years back. (JS-OH) Like WM00 does now-hi! (DS) 1540 WGRK KY GREENSBURG - 2/4 0133 fair o/u WPTR w/ET/TT on new freq., ex-1550. Don't know if fulltime yet. (JF-ON) 1550 WTYN NC TRYON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. (DS-DE) WMOO AL MOBILE - 2/27 0120 ET w/ID & Gospel mx. (JS-OH) New policy: we'll list them when they're NOT on, flgure them on every MM, or at least it seems that Way-hi! (DS) WEFJ NC WINSTON-SALEM - 3/3 0315-0335+ loud but fadey w/ET/TT/mx, several beautiful ID's, ex-WFCD. (JS-OH) KQWB ND W. FARGO - 3/10 0315 o0335+ loud but fadey w/ET/TT/mx, several beautiful JB's, ex-WFCD, (JS-OH) KQWB ND W. FARGO - 3/10 0315 o0335+ loud but fadey w/ET/TT/mx, several beautiful JB's, ex-WFCD, (JS-OH)</l</td><td>1390</td><td></td><td></td><td>TANGAGETED <math>= 3/3 \ (122-0128 \text{ Weak } 1/\text{WFBL } \text{W/ID'S, } \text{MX. Dromos } (AA)</math></td></tr><tr><td> 1430 WNJR NJ NEWARK - 2/22 0127 noted w/tele-talk, ID then Mutual nx, fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA) 3/10 0200-0430+ loud o/CKPH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WISA but nothing listed, looping EW. Another 25 hours wasted, @#**! (JS-OH) 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WIKS. (DS-DE) 1450 WMYB SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/s/off SSB (JB) WIET TN CHATTANOOGA - 2/17 0228 tint w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WPT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. 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(DS) 1560 WFAD KY FADUCAH - 3/10 0307 s/off noted w/SSE, poor signal, in </td><td></td><td></td><td></td><td>SYRACUSE - <math>3/4</math> 0100 TOP 40 mx, 1D 0/11AR. (BD-TA) ADITNOTION - <math>3/3</math> 0142-0149+ ET w/TD/OC/BBD mx. (WPT-DC)</td></tr><tr><td> fair (EB-PA) 3/10 0115-0132 strong w/TT. ID at end (JWB-PA) 3/10 0200-0430+ loud o/CKFH/WIRE w/TT, one ID given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2% hours wasted, @#&**! (JS-OH) 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WLSA. (DS-DE) WMYB SC MYETLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/a/off SSB (JB) WMDE TN CHATTANOOGA - 2/17 0226 xint w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WPT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. 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(MK-MI) KAMA SD ABERDEEN - 0108-0127 3/10 believe s/off mixing w/WPAD, then ET, alone. (MK-MI) KPMC GA BAERDEEN - 0108-0127 3/10 believe s/off mixing w/WPAD, then ET, alone. (MK-MI) </td><td>1430</td><td></td><td></td><td>NEWARY - 2/22 0127 noted w/tele-talk. TD then Mutual nx.</td></tr><tr><td> UNID 3/10 0200-0430+ loud o/CKFH/WIRE WITT, one iD given during only fade. Tape replay sounds like WLSA but nothing listed, looping E/W. Another 2½ hours wasted, @#&**! (JS-OH) 3/7 0112-0140 ET w/non stop '30's big band stuff, wocals, etc. ID at end sounded like WKSS. (DS-DE) 1450 WMYE SC MYRTLE BEACH - 2/23 0325 w/beautiful ID atop all then gone(JS) WCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/s/off SSB (JB) 1490 WDE TN (HATTANOGA - 2/17 0226 xlnt w/CW mx, many ID's, nx. (EB-PA) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WFT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. 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(MK-MI) KAA SD ABERDEEN - 0108-0127 3/10 believe s/off mixing w/WAD, then ET, alone. (MK-MI) </td><td>1450</td><td>WHO IL</td><td></td><td>fair (EB-PA) 3/10 0115-0132 strong w/TT, ID at end (JWB-PA)</td></tr><tr><td> Inoping E/W. Another 22 hours wasted. @#***! (JS-OH) 3/7 0112-0140 ET w/non stop '30's big band stuff, vocals, etc. ID at end sounded like WIKS. (DS-DE) WCTC NJ NEW BRUNSWICK - 3/3 0106 on top of the mess w/s/off SSB (JB) WWDE VA HAMPTON - 3/3 0102 fair/good atop pile w/instr. MOR mx, then nx w/mention of blizzard. (WPT-DC) WFAD VT MIDDLEBURY - 3/8 0600 while trying for UNID s/on, popped atop w/ID then CBS nx & gone. (DS-DE) 1500 UNID 3/17 0250-0330+ somebody here playing non-stop religious vocals, audio somewhat distorted, w/no ID's heard. Looped E/W, way atop WCZY at 0300. (DS-DE) 1510 CJRS PQ SHERBROOKE - 3/3 0044 noted w/FF talk, male annc'r, fair o/WLAC. (WPT-DC) 1530 WTTI GA DATON - 3/9 0558 s/on w/prayer, mention of 500 watts, wiped out by CBE at 0559. 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(D3) WBFJ NC WINSTON-SALEM - 3/3:0315-0335+ loud but fadey w/ET/TT/mx, several beautiful ID's, ex-WPGD. (JS-OH) KQWB ND W. FARGO - 3/1 0315 unusually good w/Top 40, also gives ID's for FM "Stereo Z-98" (JS-OH) That's unusual! (DS) 1560 WPAD KY PADUCAH - 3/10 0108 s/off w/SSB, good signal. (MK-MI) KKAA SD ABERDEEN - 0108-0127 3/10 believe s/off mixing w/WPAD, then ET, alone. (MK-MI) KPMC CA BAKERSFIELD - 3/10 0307 s/off noted w/SSB, poor signal, in</td><td></td><td>WMOO</td><td>AL</td><td>well ligt them when they're NOT on, ilgure them on every</td></tr><tr><td> WBFJ NC WINSTON-SALEM - 3/3'0315-03034 found that and a winstring w</td><td></td><td></td><td></td><td></td></tr><tr><td><pre>1560 WPAD KI PADUCAH = 5/10 0108 5/011 W/SDL, BOCCALL, WWPAD, then KKAA SD ABERDEEN = 0108-0127 3/10 believe s/off mixing w/WPAD, then ET, alone. 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- 1570 FLINT - 1/12 0600 weak w/CFOR/CHLO w/s/on, mention of WLQB MI 750 watts (?-DS) and 178 watt PSA, ex-WCZN. (JF-ON) ORILLA - 3/10 0011 fair u/CKLM w/s/off w/GSQ (SDM-MA) CFOR ON
- LAKE CHARLES 3/10 0220 loud again w/AT-40 u/CBJ TT (DS) 1580 KLOU LA UNID 3/3 0310-0328 very loud ET/TT then into some automated CW mx, off w/no ID. Looped S, format fit WSRF (JS-OH)

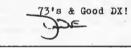
7

- It was probably them. (DS) CHICOUTIMI 3/1, 3/3 more of their almost daily ET/TT/OC CBJ PO which goes AN. Wonder what they're up to? (JS-OH) TRAVELLERS REST - 3/1 0205-0223 clear on ET w/TT/OC, one
- WBBR SC ID noted. V/f rec'd. (NZ-NE)
- 1590 WIXK WI NEW RICHMOND - 3/5 0245-0258 ET fair to good w/rock mx.
 - S/off for testing, etc. (NZ-NE) OCEAN CITY 3/1 0250-0310+ all over WAKR w/rock/disco. Calls self "16-Wet". (JS-OH) 3/10 0024 fair-good, etc. WETT MD w/ID noted. (SDM-MA)
 - UNID 3/7 0013-0015 TT w/ID at end, caught "complete's radiation tests.we'll return at 6 AM." Sounded like an f/c. (DS-DE)

WE'VE BEEN BROUGHT TO YOU, THIS TIME, BY:

| JF-ON DB-NY WPT-DC WPT-MD EM-FL MK-MI | Jeff Falconer, Clinton, Ont. Dan Bartek, Rochester, NY William P. Townshend, Wash., DC Bill Townshend at J. Millers, GTG., Ed Mitkus, Tampa, FL Mike Knitter, Cambridge,WI.(thought | TRF, ICF-5900, SM2 |
|--|--|--|
| JB-NY | Jerry Bond, Rochester, NY | 1939 RCA 86T, GR TRF, LW |
| SRS-IN | Steve Shaffer, Hammond, IN | TRF |
| GM-MD | Greg Monti, Silver Spring, MD | TRF |
| GM-TX | Greg Monti, Richardson, TX | TRF |
| MF-MI GW-PA SDM-MA NZ-NE JWB-PA RA-MA | Martin Foltz, Lansing, MI George Walton, Easton, PA Steven D. Miller, Boston, MA Neil Zank, Lincoln, NE Joe Brauner, Punxsutawney, PA Ray Arruda, Acushnet, MA | RF 2200, Sanserino loop RF-2200 HQ-180A, TRF A2515, LW, loop SX-122, 12 oz. beverage |
| SM-MA | Stan Morss, Bradford, MA | HQ-150, HQ-180A, SM 1 & 2 |
| ERC-MA | Ernest R. Cooper, Provincetown, MA | R-390A, HQ-180, SM2, Loop |
| EB-PA | Eric Breon, Middletown, PA | TRF, BCR 101, LW |
| WH-CO | Wayne Heinen, Colorado Springs, CO | RBB4, MW1, LW, Loop |
| DS-DE | Dave Schmidt, New Castle, DE | HQ-180A, TRF, Loop |

Anybody have any station logo's from envelopes that they'd like to part with? We can use them here to help decorate the column. This should just about catch up on everyone's loggings from the change over of editors, so from now on anything over 5 weeks old won't be used, we'd like to keep things up to date if possible. After all, this column can't look like one of PAUL MOUNT's Musings-hi! Thanks to DAN BARTEK who phoned in his items. For those interested, I work a very strange schedule for CONRAIL in Wilmington, which goes something like Wed. 11p-7am, Thurs. & Fri. 3p-11p, Sat. & Sun. 7a-3p with the WCHE work on my days off. So, methinks it'd be better to stick with the mail unless you have some real hot info to phone in. Again, thanks to all who sent in their items this week!



WRTH INFO

WRTH 1980 is available for immediate shipment at \$15 postpaid U.S./Canada. Add \$1 for First Class. A varying supply of 1977, 1978, and 1979 WRTHs is available, same price. Any 2 diff., \$28; any 3, 339; all 4, 348. Communications World 1979 and 1980 and several other current and out-of-print items by Davis Pub., Communications Handbook 1978 (Ziff-Davis), and other radio & computer mags & books are available near wholesale cost as a non-profit service to fellow club members. A complete list is available for a SASE. WRTH orders should be accompanied by check or money order (IMO only in Canada) payable to Donald Erickson, 6059 Essex St., Riverside, CA 92504. 714-687-5910 7PMmidnight & weekends.

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,

To answer a question from someone, when using GMT for column reports, one does indeed use the <u>GMT</u> date also. I.e. if you sit down to DX at 7:0 PM 1/1 your time after watching Walter Cronkite, your IDXD report should read 0030 1/2. OK?

Foist, a Radio TV Maroccaine schedule current as of 1/80, via Rick Carr:

| | | KHZ | PGM | HOURS | |
|------------------------|-------------|----------------------------|--------------------|--------------------------|---|
| Agilil Rabat-Temara | 1 2 | 209 819 1926 | A B | 5-0 5-0 6-1 | |
| Sebsa-Aloun | 3122 | 1296 612 1044 702 | C A/R B C | 6-0 5-0 6-1 6-0 | |
| Oujda | 3 2 1 | 594 | B ▲/R | 6-1 6-0 | (|
| Ouerzazate Rachidia | | 111 6 864 | A AZR | 5-0 5-1 6-1 | (5-1 =0500- 0100, 6-0=0600-0000) |
| Marrakech | 1 2 3 | 972 1152 1593 | BC | 6-0 | |
| Tetouan Lasyounne | | 1053 657 1026 | A/R | 5-0 6-1 5-1 | |
| Safi Agadir | 2 | 1323 | B ▲/R | 6-1 5-0 | |
| Casablanca | 2 | 1197 1080 1188 | C/B ▲/R B | 6-0 5-1 6-1 | |
| Tanger | 312 | 1485 1116 1017 | C A B | 6-0 5-1 6-1 | |
| Sidibennour | - | 1233 540 | R | 6-1 5-3 | |

Veries de Senor Ernesto Cooper: 770 Panama HOLL7 Chitre v/l from "Servicio Oficial del Estado Panameno, DG-No. 85, Panama 5, Panama, v/s Lorenzo E, Sanches-Galan, Director General de Servicio Macional de Radiodifusion. 531 <u>Switzerland</u> v/q, v/s D.G. Chisholm, card has Alpine scene

Ray Crawford, Invercargill NZ reports the following: 3ZE Ashburton commenced on 12/1/79, 24 hrs w/commercial pgms daytime and Tonight Show w/ Commercial Network 0700-1200 7 days a week. Relays RNZ National Pgm 1200-1700. (No frequency mentioned Ray, but if memory serves me correctly this is on 873. Correct? CH) 4EB Brisbane on 1485 started 12/1. Has ethnic pgms. S/off at 1400, s/on unknown. Power 100 watts. 2ST on 999 in Nowra has a relay on 1215, both 24 hours. 3EA Melbourne is now using e 5 kw mmtr, noted testing the end of November. 2EA on 801 in Sydney has a repeater on 1485 in Wollongong with 100 watts and alsi in Newcastle on 1584 with 100 watts; both have ethnic pgms 2000-1400. Ray's recent veries include Cuba 1430 with letter and LV de Cuba full detail card. JOIK and JOIB with cyclostyled letters from the stations. CBS Taiwan 750 and 1200 with what would have to be the nicest QSL cardslarge blue diploma-sized cards with gold lettering.

A note from Bengt Ericson, Varjo Sweden: "The 719 logging in DX News #8 is interesting. WRTH-80 lists Camery Islands, Nigeria 50 kw, Tanzania 50 kw. EBU frequency list of December shows only Azurara off the 720 freq. Azurara is the only PP stn here. Nigeria closes around 2305-2315 GMT. Ivory Coast is not included in their latest publication for 720

Radio Shack is closing out both the DX-160 and DX-300. Close out price for the DX-160 is about \$119 and for the DX-300 about \$245. Two new models will be coming out. The DX-200 (\$229) may be in stores by the time this appears. A DX-302, priced at \$399, will be out "shortly". Also Chuck tells us the new version of the TRF is in Radio Shack warehouses and in limited Canadian and US stores. He tried one and it works "roughly" like the old TRF but has only 1 sliding control. KHz. I put a guess for Nigeria. That is Owerri". (And a reasonable guess indeed.But it is so hard to be sure of what is really on the air and what is not, particularly for Africa and Latin America. The lists (including EBU) are not so good sometimes because they are not aware of everything- only some things. Often we DX'ers are able to beat them at their own game-CH)

9

Veries from Hank Wilkinson: <u>891</u> and <u>1035</u> Radio Thailand, Bangkok, v/s Ramyong Sakorn Pan, Chief, External Services. <u>1206</u> China, no location specified, v/s Ma Ruiliu, English Section, Radio Peking. <u>1206</u> DWWA, Quezon, Philippines, v/s Johnny Alabazo, Radio Engineering Dep't. <u>1221</u> TIPJ Heredia, Costa Rica, v/s Emilio Piedro Jimenez, Gerente Propietario. Address: Apartado 76. <u>1206</u> (HJW's favorite freq-CH) 20R Grafton, Australia. <u>1044</u> Radio Peking for <u>14/14/79</u> report. <u>918</u> 3YZ Greymouth NZ for <u>9/22/79</u> report. <u>963</u> 3YC Christchurch NZ for <u>9/26/79</u> report. <u>891</u> Radio Thailand, Bangkok for <u>9/14/79</u> report. <u>882</u> JOFK Shizuoka w/NHK card. <u>684</u> 2KF Kempsey Australia w/ABC card. <u>567</u> JOIK Sapporo w/NHK card. HLKF <u>567</u> w/personal letter verie. <u>756</u> JOKK Kumamoto w/NHK card. <u>1000</u> HJAR LV de Cartagena verie from Orlando Figueroa S., Director in <u>3</u> weeks for 1/14 report. <u>1233</u> 2NC Newcastle ABC verie card in 2 weeks for 1/23 report, *v/m* Michael Lawrence, Supervising Technician.

In reference to some of the speedy replies from some of the above stations Hank says he has gone to enclosing a 3X5 photo of his den and equipment plus sending mint air mail stamps instead of IRC's. He thinks this is really the way to go. I agree, particularly with the stamps; IRC's are a lot of extra trouble and some times I know that I am tempted to just throw them away instead of going to the PO to redeem them-CH)

World DX News from Arctic Radio Club: <u>Colombia</u> RCN broadcasts "El Mundo de las Noticias" Mon-Fri 0430-0500 according to "Candilejas". 1380 HJLM R. Rumbo ex R. Indistrial. 1460 HJNA LV de la Amistad heard here by Scandinavian DX'ers. Most likely has changed frqs with HJZU R. Narino, who is now on 1340. Venezuela news from Radio Rumbos is relayed on many stations, including 600 YVQB R. Sucre, 740 YVNC R. Maracsibo, 940 YVNW R. Punto Fijo, 980 YVQM LV de El Tigre, 1080 R. Barcelona, 1100 YVSW R. Angostura, 1110 YVQT R. Carupano, 1250 YVPZ R. Puerto Ordaz, and of course 570 YVLX and 670 YVLL, both R. Rumbos. England 1458 BBC R. Manchester now 5 kw. USSR in the Estonian radio magazine "Radioleht" the Estonian stations are as listed in WRTH 80 except 612 is listed as Tallinn. Must be many kw as this stn is a local in Stockholm. Wallis et Futuna (new MW country as mentioned in previous issues of IDXD-CH) operates on 1090 1900-1100 with 1 kw from Futuna; 1188 is from Wallis with 1 kw and same sked. Address: FR3, Pointe Matalaa, Mata Utu, Wallis et Futuna. (Has been heard in New Zealand but so far no definite receptions in the US-CH) South Yemen Aden's Information Minister said 11/23 a 400 kw MW xmtr had been inaugurated. This must be the 1188 xmtr. Yugoslavia Radio Zagreb's night service is now aired on 1125 and 1134 from 0005-0500 except Thursday/Friday night. Radio Osijek is on the air on 1557 from 1400-1730(Mon-Sat) and 0900-1400(Sun). Transmissions are in Serbo-Croatian and Hungarian 1715-1730(Mon-Sat) and 1330-1400(Sun). Power 20 kw. Malta 756 is no longer airing the EE pgm. It is not clear whether they have left the freq or not. <u>Saudi Arabia</u> 648 Jeddah now in full operation 0400-2200, ditto Jeddah 1512. 1521 Duba now has domestic service 0400-0600 and 1500-2400. Spain EAJ51 R. Manresa is now 5 kw. (And has been wandering around 1578-CH) Transkei the new Capital Radio on 603 has been tentatively logged in the UK by Barry Davies. Some information reaching Sweden says that they are using 604 nights and 603 days! (Seems extremely unlikely! Why would they do that? CH) Sked is currently 0500-2400, but soon to increase to 20 hours a day. (As mentioned a few issues ago in IDXD, lightning struck their MW xmtr the first day of operation. However, that has been repaired. Unfortunately (via information from Pete Taylor, Richard Ginbey, et al) the signal from their 500 kw xmtr is so poor that they are not able to reach all of their target audience. The situation is so extreme that engineers have been flown in from the US to analyze the situation and find out why the signal is so poor. When this is resolved, perhaps NA DX'ers will have something of a chance to hear and log SA-CH) West Germany 756 is using 200 kw in many lists but the acbual power is 400 kw according to technicians at the site. 828 Hanover is still 20 kw, not 40 as reported earlier. 936 Bremen is using only 10 kw at night. 972 Hamburg is now 450 kw. Hungary Potofi Radio has plans to go 24 hours. They plan to move the 300 kw xmtr on 539 to 1341 to accomplish this. Holland 1008 the superpower Flevoland xmtr is on the air from 0900 s/on. The night pgm is on this freq now instead of 675. Power 600 kw.

(10)

Iraq 603-a new xmtr is on the air from al Hamadaniyah carrying Voice of the Masses. 1197 Arbil is now carrying the Dommestic Service 0330-0030 with an increased power. Some sources say 300 kw. Ireland RTE will not use it's LW assignment of 25h before 1981 or 1982. Kenya the following xmtrs are ready for commissioning: 981 or 1044 Voi w/100 kw, and 702, 900 or 1107 Meru w/100 kw. Libya a new xmtr is on the air on 711. Has been heard around 0730 in Czechoslovakia; perhaps a Libyan noted recently on 701 that is drifting. Bulgaria is now using 711, ex 700. The 981 Horizont xmtr isn't being heard. China anyone wishing to place an advertisement in the Chinese Radio One and Two is asked to contact Chinese Broadcasting Service Company, Broadcasting Building, outside Fuxing Gate, Peking. Phone is 868581 ext. 2522. (Any takers? You can always call on Sunday rates when it's Monday morning business hours there, hi-CH) Cyprus R. Bayrak has bought new crystals for 1095 and 1503. Egypt 774 and 1575 are the freqs for the Middle East Program (commercial) now from 1300-2400. Gaboh Africa Number One has been reported by a German DX'er at 0015 on 11/13. ID's were heard in FF/EE/II/GG with the usual address in Gabon. ("The usual address" is the address for the new Africa Number One, which came on the air late last year with several powerful SW xmtrs. Perhaps they have a powerful MW xmtr testing, which should make Gabon a lot easier than trying for 1554-CH) Wallis Islands S/off is at 1100 with La Marsellaise. News in vernaculars at 0815. Portugal a bill allowing private broadcasting to return under government control has been vetoed by the President. Solomon Islands 1386 is the planned freq for SIBC's new xmtr, location Kijakira, expected on the air in 1980. Another station planned is Craciosa Bay with 2 kw in 1981. Spain 1359 R. Peninsular de Barcelona ex 1539. Morocco Moroccan Radio plans to have Radio Tetuan back on the air before June or July 1980. South Kores 558 Pohang 250 kw w/EE pgm 1200-1230 and 0030-0100. 603 w/ 500 kw is Namyang w/2nd pgm. 711 500 kw is Sorae w/500 kw. 756 100 kw is Suweon w/1st pgm, ex HLSR prog. 918 50 kw is Yeoncheon w/1st pgm/ 972 1500 kw w/Education Pgm is Dangjin w/Social Education Program to Nowth Korea. 1134 250 kw is Gimpo w/ist pgm. 1143 w/250 kw is Jeju w/ 2nd pgm. 1170 500 kw is Gimje w/Education Pgm 2 to Japan and South Korea, ex 972 KHz; JJ 1200-1430, EE 1100-1130 and CC 1130-1200. 1269 10 kw is Yangju w/1st pgm. 1341 10 kw is Gimpo w/ist pgm. 1008 w/domestic pgm is Sogcho 50 kw, ex 1170. 1st pgm is 2100-1900 in KK. 2nd pgm is 0600-0100 in KK and EE. Social Education 1 is 0600-0200 in KK. Social Education 2 is 1100-0600 in KK, JJ, EE, and CC. Kuwait 540 and 1134 carry 1st pgm in AA from 0325-2310. 1341 2nd pgm and Foreign Language Service from 0300-2200 sked is: 0300-0600 Koran, 0600-0900 EE, 0900-1100 Persian, 1100-1700 2nd pgm in AA, 1700-1900 Urdu, 1900-2200 EE. Micronesia 940 KSAI Saipan here, nominal 936. 1050 WSZE Saipan here nominal 1053, 1602 WSZC Truk here ex 1300. Papua New Guines 1593 R. West Sepik opened w/10 kw on 12/4. China 873 Gansu People's Broadcasting Station announced use of this freq. 621/900 Heilongjiang PBS in Harbin announced a sked of 2040-0630 and 0830-1530. On Thursdays the First Pgm ends at 0510. Fgms are CC except KK from 0300-0400. 738/1530 Jilin PBS operates here 2050-0530 and 0850-1505. 891/1287 Ningxia PBS sked is 2210-0150 and 0350-0600 and 0920-1535. <u>Colombia</u> 1390 HJFY R. Avenida ex 1370. <u>Syria</u> the Western/Turkish pgm from Damascus is now hears on 872, 1070, 1314, and 1484 as follows: 0900 FF, 1000 EE, 1100-1300 Western music announced in AA/EE/FF, 1400-1500 Tutkish, 2000 RR, 2030 GG, 2100 FF and 2200-2300 EE. Damascus also broadcasts in Hebrew to Israel 0600-0730 and 1500-1630 on 782. This service alsi includes other languages from 0715-0725 as follows: Bulgarian (Sun), French (Mon/Wed), SS (Tues), AA (Thur), GG(Fri), and RR(Sat). Nigeria skeds: 621 Anambra BC, Enugu 0530-0005, 638 Bendel BC, Benin 0530-0005, 711 Radio Benue, Makurdi 0530-0005. 721 Imo BC Owerri 0500-2400. 729 Kano State BC, Kano 0530-0005. 756 Radio Oye, Ibadan 0400-0100. 809 Radio Linera Concerne BC Service Abachts 0500-Radio Kwara, Ilorin 0530-0005. 900 Ogun BC Service, Abeokuta 0500-0100. 945 Ogun BC Service, Abeokuta 0500-0100. 1017 Congola BC, Yola 0530-0005. 1313 Plateua BC, Jos 0530-0005. 1367 Cross River Radio, Walabar 0530-0005. Federal Radio Corporation Stations heard: 593 Kaduna 0530-0005, 827 Enugu 0530-0005 ex 621, 1088 Lagos 0530-0005 not 918. <u>Spain</u> the following RNE stations will go on the air soon: 639 Almeria 20 kw, 774 Orense 20 kw, 855 Pomtevedra 20 kw. 1467 EAJ38 R. Gerona ex 1465. 1539 R. Huesce here ex 1602. <u>Colombia</u> 1530 HJDN LV del Cine ex Radio Cine. <u>Uruguay</u> 850 CX14 R. El Espectador now 60 kw. Dominican Republic 1300 HIFV Radio Chihuahita is new in Chihuahua. Power is 500 watts. Luxembourg reowrked its antenna system recently, ending up with a 4 mast system-one mast less than before. This means slightly less gain towards the northeast. During darkness they are 1/2 power (600 kw) plus a 2 mast 2 wave aerial system to northwest thus g giving 6 dB less gain to the southeast as required by the Geneva Plan.

Monaco JJ has been heard on 1466 from 0030-0045, probably not regular. <u>Morocco</u> Sidi Bennour has been reported running the full 600 kw but European DX'ers doubt that power is correct. Oujda is back on its nominal frequency of 594. <u>Spain</u> EAJ1 R. Barcelona now broadcasts 24 hours Mon-Sat. <u>Sudan</u> Soba 960 is now using the full 200 kw. <u>Thailand</u> 927 xmtr is used from 0030-1550 with EE 0030-0300 and 1200-1255.

Via <u>Distance</u>: <u>Argentina</u> LRA13 560 now 25/6 kw. LRA4 690 now 25/5 kw. LS1 710 now 50/10 kw. LRA7 750 now 100/10 kw. LRA6 790 now 50/10 kw. LRA8 820 now 25/5 kw. LR3 950 now 90/30 kw. LRA15 1030 now 50/10 kw. <u>Erazil</u> ZYH57 640 is on 640 with 25 kw 0900-0400. ZYK276 720 now 100 kw. ZYJ738 now on 620 ex 1560 with 50 kw. ZYK687 840 now 50 kw. ZYK522 R. Record on 1000 is now 200 kw. ZYK693 on 1040 is now 200 kw. ZYK694 R. Globo 1100 now 150 kw. ZYK274 1120 is now 50 kw. ZYK520 1200 now 50/25 kw. ZYJ458 1220 R. Globo now 150 kw. <u>United Arab Emirates</u> current skeds: 728 Abu Dhabi 1500 kw 0330-2230 in AA. 809 Abu Dhabi 50 kw 0330-0700 AA, 1000-1300 EE, 1300-1400 FF, 1400-1500 Urdu. 1575 Sharjah 50 kw 0330-2230 AA. (other skeds eliminated-unlikely to be heard-CH) <u>Mexico XEABC</u> 770 says it will soon start EE and SS on SW and MW. <u>Gembia</u> R. Syd 909 broadcasts mainly in EE but GG, Swedish, and vernaculars are also carried.

From <u>New Zealand Radio DX League: Barbados</u> 900 sent this revised sked: Mon-Fri s/on 0928, s/off 0400. Sat s/on 0400 and then 24 hour program until 0400. Sun S/on 0400 with Late Date for 2 hours to 0600 s/off. Then back at 0928 to 0400 s/off. (A very strange sked! CH) <u>Mongolia</u> Ulan Bator domestic service 2200-1500 on 882 and 827 w/news from 1400-1420.

<u>Medium Wave News</u> information: <u>Dominica</u> 595 is using only 1 kw due to hurricane damage. <u>St. Lucia</u> 840 was also badly damaged by hurricanes. As of 10/18/79 it was expected to be off the air for many months. <u>United Arab Emirates</u> reported heard twice on 1482. (Can any of our European members tell us for sure whether they are on 1481 or 1482? CH)

Our first information from <u>Vienna Medium Wave News</u>: <u>Malta</u> address for reports to the Overseas Broadcasting Service of the Libyan Arab Jamahiriyah via Malta is: PO Box 17, Hamrun, Malta. The sked for Tripoli via Malta 1557 with 600 kw is 0700-0800 AA, 1800-1855 R. Meditteranean, 2130-2330 AA. (But this does not seem to be correct as after Malta relays Deutsche Welle 0300-0400 they carry Libya-CH) Angola R. Nacional has closed 1367. Egypt: R. Cairo general pgms on MW are 819, 875, and 1197. Second Pgm 1061 sked 1630-2000. Foreign Lang Service 557 sked 0500-2200. People's Pgm 711 sked 1200-2300. Middle East Pgm 774 sked 1200-2300. Voice of the Arabs on 621, 711, 1107 sked unknown. Palestine Service is on 621 and 1107. Sudan Corner is on 711. Holy Qur'an stations are: 1161 and 1341, sk3d 0300-0900 and 1200-2100. Ivory Coast has finally moved from 1493 to 1494. Lesotho sked on 891 is 0400-2035. Mozambique the opening ten minutes of "The Voice of Zimbabwe" is relayed in the Map= uto area on 1079 at 1800. Reunion FR3 St. Pierre 666 now 20 kw. 729 St. Andre now also 20 kw. Senegal Dakar 765 now 400 kw according to EBU. Sudan Omdurman is still on 764 KHz. Iran the following external service transmissions have been confirmed by BBCMS: 0530-0830 1116, 612, 576 in AA. 1730-2030 557 in Kurdish. 1730-2130 1116 and 1080 in AA. 1116 is Bandar Langeh with 125 kw; 1080 is Abadan with 600 kw; 612 is Qars-e-Shirim with 400 kw; 576 is Abadan with 600 kw; 557 is Qeslagh with 1000 kw. Israel IDF Yamitnow on 1368, IDF Haifa on 1305. Japan correct address for JOAR 1053 is Chubu-Nippon Broadcasting Company, 128, Shinsakee Naku-Ku, Nagoya, Aichi 460, Japan. <u>Mongolia</u> Domestic Service-First Program is 2200-1500 on 209, 226, 827 and 882. External Service is 209 1330-1400 in RR on Mon and Fri; 227 0820-0850 CC on Mon, Fri; 827 1330-1400 RR on Mon, Fri; 882 1330-1400 RR on Mon, Fri. Mexico 540 XE. San Felipe, BCN new. 710 ZEZC Rio Grande, Zac. ex 1450. 810 XEAGR 1/.15 Acapulco new. 820 XESSC Escarcega, Camp. .75 new. 860 XE.. Pabellon Ags. .4 new. 920 XE.. Jesus Carrenza, Ver. 5 kw, new. 920 XE.. Yogope, Ver. 1 kw, new. 920 XE .. Tuxpan, Ver. 1 kw, new. 930 XEIH Fresnilla, Zac. ex 1400. 930 XELCM Lazaro Cardenas, Mich. .5 kw ex 920. 950 XECAA Calvillo, Ags. 1/.1 ex 1020. 1130 XEMOS Los Mochis, Sin. 5 kw, new. 1190 XE. Acagucan, Ver. 1 kw, new. 1200 XE., Loreto BCS 5 kw new. 1200 XE. Chilapa, Gro. 1 kw new. 1260 ZELTZ Loreto, Zac. 5 kw ex 1000. 1340 XEVSS Villa de Seria, Son. 1 kw new. 1360 XEVAL Ciudad Vales, SLP 5 kw new. 1370 XEMON Monterrey NL 10 kw new. 1370 XE.. Huayacotla .25 kw new. 1400 XEFS Izucar de Pue...(??CH) .25 kw new. 1430 XEVMA Acapulco 1 kw ex 1000. 1460 XE.. Caxaca Cax. 1 kw new. 1470 XE.. Tlanchinol, Hgo. .25 kw new. 1510 XEKI inactive; replaced by XEKI in Navajoa, Son. w/.5 kw. 1520 XEGAJ Guadalajara, Jal. 1 kw new. 1520 XE.. Tenosique, Tab. .25 kw new. XECGP Morelia, Mich. .25 kw new. 1540 XE.. Villa Hermosa, Tab. 5 kw new. 1550 XEUUV Jalapa, Ver. 10 kw new. 1550 XEXB Jalapa, Ver.

is inactive. 1580 XEVAB Valle de Bravo .25 kw new. 1600 XEGEM Toluca 2 kw new. XE.. SLP, SLP 1xw new. 1600 XE.. El Higo, Ver. .25 kw new. Colombia 1280 LV del Rio Suarez is now 2.5 kw. R. Sutatenza's new. address is Carrera 10 No. 19-64. Piso 20. Bokota. HJZV 1160 is now 10 kw.

And more information from MW Special Club of FRG: France France Inter is 24 hours on 164, 675, 1161, and Nice 1350. Sked is 0430-2100 on all 1071 outlets, Toulouse 1161, Aiaccio 1161, Nancy 1350, Tours 1485 and Toulon 1584. All France-Culture xmtrs sked 0428-2300 except Sunday s/oh 0600. (Toulouse 945 may s/off at 2200-this is in German and I can't make it all out-CH) Languages currently carried on France Culture from 0430-0600 are PP, AA, Turkish, Serbo-Croat, SS, II, Laotian, Cambodian, and Slovak.

Almost the end..... more Arctic information: Belgium BRT intends to begin broadcasts to England on MW sometime this year. Bulgaria Varna is using 981 with 150 kw. Egypt Cairo 4 is using 936, heard by EBU in England and Italy. Portugal the Third Program is now called Radio Commercial. Azores 1570 CSB81 is still using this freq.

Says Glenn Hauser in March 1980 FRENDX: "There is nothing to prevent Radio Moscow from reaching a US AM band audience". Not a bad prediction; the 600 KHz mmtr is now carrying R. Moscow in Cuba!

More from Listener's Notebook in March FRENDX: Colombia R. Mira on 6015 was destroyed by the 12/12 earthquake. (And assumedly 1190 also-CH) Hawaii KAIM 870 is to go to 50 kw. El Salvador the YSKL net announced 1/21 that members of the "People's Revolutionary Army" had seized 21 radio stations temporarily. They used the opportunity to announce that their own station would begin broadcasting in the central departments of the country on 1600 (local time?? CH) between 1400 and 1600 KHz. Later the inaugural broadcast was heard on 1600 KHz; it does not have a fixed sked and does not broadcast every day. On 1/26 listeners were advised to tune in on Tuesdays or Fridays at 1830 or 2400.

Mike Worst was in Lima, Peru 12/27 to 1/20 and checked the MW dial. All stations are as per WRTH 79 except: 560 R. Programmas del Peru ex LV de Oriente. 930 R. Moderna ex R. Central. 985 Estacion X ex R. Impacto et al. 1060 R. Exitos ex R. Mil Sesenta, 1080 R. Nacional Mil Ochemta off the air. 1130 Radio de Futuro ex R. Selecta. 1470 R. Frequencia ex R. Inca del Peru. Also, 1040 Onda Popular was having transmitter and financial trouble. Oddly enough, about half of the mx was US, usually in EE.

- WEST GERMANY fair signal w/light orchestral mx 2312 3/1. (Cruser) 151
- 164 FRANCE Allouis w/strong signal 2310 3/1. (Cruser)
- 180 WEST GERMANY Saarlouis -- male annor followed by male singer. Fair signal, some QRM 2259 3/1. (Cruser)
- ENGLAND Droitwich w/male and female comments of opera and excerpts 200 from same--good signal. (Cruser) oops, 2250 3/1.
- MOROCCO fair signal with middle east mx, FF anner 2240 3/1. (Cruser) MONTE CARLO fair signal, mx and male FF anner 2240 3/1. (Cruser) 209
- 218
- POLAND fair signal, male singer and romantic type mx 2315 3/1. 227
- ALGERIA good signal, some QRM, FF and mx 2236 3/1. (Cruser, last 2) 251
- AUSTRIA audio finally strong enough to ID 2045 2/22, running // 520 585. (Littek)
- IRELAND Tullamore poor to fair w/cl mx, then EE talk and operatic 567 male vocal 0638 3/9. (Connelly) Mostly poor signal w/soft EE vocal mx 0047-0105 3/9. Fair at 0130 w/song "White Bird". Audio received after about 20 nights of nothing but carrier here. Country #82. (Kazaross)
- UNID TA w/3 KHz SAH, soft light mx 0206. West Germany likely-576 but who is the SAH from? E. Germany maybe?? (Kazaross) Or Bulgaria....CH
- TUNISIA Gafsa the probable source of AA male moaning mixing with 585 two other stations 0440 3/9. (Connelly) Weak but ID'ed by //630 which was strong 0022. (Littek)
- UNID a second Arab really kicking up a storm here, no ID because 585 (a) Im not Arab, (b) no parallel found. 0025 2/25. (Littek)
- AUSTRALIA 3WV Horsham heard 3/9 from 1225 to 1230 with good mx. 594 Male annor with "DU" EE accent. (Wilkinson)
- CUBA Radio Moscow very strong here, rebroadcast from SW. (Eisen-600 traeger) R. Moscow relay noted at 0220 3/9 w/North American Service //SW. Announcing freq as ".59 KHz". Powerful sig noted but badly slopped by local WIP-610. (Eckman)

- CUBA Radio Moscow's North American service, parallel 9490 and 600 9610 KHz heard at 0200-0219 2/27 and again at 0154-0205 2/28. Poor signal strength under KTBB/WREC/WMT ORM. Audio quality better than daytime 11865 relay. I assume this is to be a Cubanbased relay station. I have not heard the Voice of Cubs here yet. (Allen) (It is in the 0500-1100 GMT period-CH) Russian by radio heard 3/6 0123. This was Part 9 of this series. (Arbogest)
- 603 FRANCE poor w/son by female at 0600, into nx by FF male 3/9. (Kaz)
- TRINIDAD I didn't get the slogen and/or calls, but I heard them s/off Tuesday AM 2/26 w/WIP off, at 0526 with prayer and an anthem. 610 They gave sked as 0454-0128 AST. (Cooper) A sked change and a good one at that-CH
- 612 IRELAND Athlone heard for the first time on this channel: poor w/ pop mx, anncr in EE who mentioned RTE, then Suzi Quatro song 0700-0702; fair w/Blondie mx then man in EE 0706 3/9. (Connelly)
- 630 TUNISIA this one's quite strong lately. Wiped out 630 on ave of 2/24 and tonight 2/26, there's again Arab stuff all over the channel. I can't remember exactly but a PFM has these guys 100 Hz or so off channel high, so there's always a rumble on the channel. (Littek)
- 639 CZECHOSLOVAKIA Liblice good, easily splittable from CBN; Slavic talk by man, bell, s/off w/anthem, then carrier went off 2257-2300 3/8. (Connelly)
- SPAIN synchronized outlets poor w/female SS vocal 0555 3/1. (Con) 639
- 650 HAWAII KORL Honolulu with pop record and sung KORL ID 1351 3/3, with local-like signal. Only second time here this winter. (Stonebridge)
- NEW ZEALAND 2YC Wellington heard on 3/8 from 0909 to 0915 with 657 classical music on violin. Heard again on 3/9 from 1051 to 1055 with similar mx. (Wilkinson)
- 657 UNID instrumental mx briefly at good level 0503 3/9, annot by female in unid lang 0506, sounded more like GG than II or RR. Gone by 0509. Who dis? (Portzer) Dis probably Germany since: (1) you say it sounds like GG, (2)) only Germany and Russia are on the air then, and (3) I never argue with reporters ... hi
- 666 PORTUGAL Lisboa presumed source of fair carrier 0223 3/9, badly QRN'ed by WNBC. (Eckman)
- 675 NEW ZEALAND 3YA Christchurch with news items by male anncr on 2/23 from 1203-1205. Very seldom heard here due to tremendous slop from KNBR. (Wilkinson)
- 684 SPAIN fair in slop 0129 3/9. No Yugoslav noticed. (Kazaross) Noted at 0248 3/11 w/fair sig but no audio. Prominent, slow SAH noted also. (Eckman)
- 693 ENGLAND Droitwich et al good w/big band mx, man in EE, then religious mx 0647 3/9. (Connelly) (was listening to this a few minutes ago, one of the few times this outlet has been good here in Atlanta-CH) A real surprise here with powerful sig 0232 3/9 w/man in British acdented EE. Good thru rest of evening. (Eckman) Good w/mellow mx and EE anner 0040 3/9. This was the best from Britain tonight. (Kazaross) 3/9 was THE night, wasn't it?????CH
- UNID female talk 0457, mx 0459:30, male talk 0500 3/9 thru 693 horrible KIRO-710 splatter. BBC? (Portzer) Si, si-CH
- AUSTRALIA 2BL Sydney very loud from 1158 to 1202 on 2/23 with 702 plano selection, "ABC" and six pips at 1200. Followed by news items to 1202 and then mx. Playing "Blues Indigo" and other oldies on 3/9 from 1216 to 1224. Not as dependable as last February and March. (Wilkinson)
- MONTE CARLO second time these guys faded up for an ID 0523 2/25 and then quickly disappeared. Very handy. Pgm in II. (Littek) PORTUGAL Azurara good w/PP talk 2220 2/28. Xint w/male PP MoR 702
- 719 vocal, easily splittable from WGN/CMGN 0620 3/2. (Connelly) Fair to good w/man in PP 2248 3/8. (Connelly) Very good w/sig strength equal w/WGN.Nice folk mx w/YL PP annor 0139 3/9. (Kaz) (oops, the "illegal" abbreviation YL slipped through....CH) Presumed the source of het/carrier 0004 3/11. Man speaking, presumed in PP 0005, fair signal. (Eckman)
- WEST GERMANY (sort of) Redio Free Europe here 2200-2201 2/24 720 w/ID in Polish(a friend ID'ed the language for me). Came back at 0039 2/25, totally jammed. Par for the course. (Littek)
- USSR Yuzhno-Sakhalinsk at 1355 to 1402 3/3. Classical mx followed 120 by woman in EE giving forthcoming pgm details on the 13, 15, 19, 25, 31, 41 and 49 meter bands. At 1400 the 10 note IS was played 5 times on what sonnded like a xylophone. Then followed the news in a language I have never heard before. Fair signal. (Stonebridge) They have us covered auroral nigghts you tune to Cuba 600 and high-latitude nights USSR 720 CH

- DOMINICAN REPUBLIC HIZ "Broadcasting Nacional" topping this freq 730 on 2/21 from 0557-0601 with their NA. Not enough for a report. (Cooper)
- 738 AUSTRALIA 2NR Grafton with newscast by anner in "DU" EE accent 1101-1104 on 2/24. KCBS off. Heard again on 3/9 with ABC news up to 1215 then into musical selections. (Wilkinson)
- ISRAEL x-on (s/on???CH) at 0300 w/Shalom and nx in Hebrew 2/23. 73 (Littek)
- 738 SPAIN Barcelona w/fair carrier noted 0203 3/9, also 0330 3/11 but no audio surfaced. (Eckman)
- 747 AUSTRALIA 4QS Toowoomba with male anner in "DU" EE accent giving news items on 3/9 from 1210 to 1214. (Wilkinson)
- 747 JAPAN JOIB Sapporo with man and woman in EE and JJ from 1042-1045 on 3/7. Was in // to JOGB 873. (Wilkinson)
- 747 UNID female talk in unid lang 0546, continued to 0550 fadeout 3/9. Maybe Holland? (Portzer) I guess so-it's too late for Bulgaria and too early for Upper Volta, but I don't think they s/on until 0600. But they have been guilty of changing their sked in the past in order to confuse DX'ers-CH)
- UNID mystery here w/powerful OC at 0335 3/9, off soon afterwards. 747 Again on at 0555, off by 0610. Noted also at 2300 3/10 w/mx-sounded like an anthem. No audio noted afterwards (s/off?). Maybe Holland? (Eckman) Strange goings-on maybe Holland playing around but who knows? Any of our European members hear anything strange-CH
- 750 VENEZUELA YVKS Caracas 2/18. (Cruser) Can't get much briefer than that, can you/ CH
- 756 NEW ZEALAND 1YA Auckland with news pgm from 1001-1006 fade-out on 3/7. (Wilkinson) 3/16 1130 exceedingly loud w/usual dull MoR mx. (Brown) If I ever hear them, see how dull I call the mx! CH
- 756 WEST GERMANY Braunschweig/Ravensburg good w/nx in GG 0601 3/2. (Connelly) Fair w/piano mx (not // 719 Portugal) 0145 3/9. Poorfair //1539 at 0520 w/church service apparently. (Kazaross) Noted w/unmistakeably German instrumental mx (marches, yodelling, oompahs, etc.), 2 GG vocal tunes and GG annet 0418-0440 tuneout 3/9. Mostly fair-poor but sometimes up to armchair level. No actual ID but counted as country #60 on the basis of pgm content. (Happy Bruce Portzer) With smashing level, excellent w/GG male vocal and Bavarian compah band mx 0430 3/9. (Connelly)
- PORTUGAL Lisboa xlnt w/classical mx thru TVI 0229 3/9. Lately 756 has been one of the stronger low band TA's received here. (Eckman)
- UNID operatic type mx 0556 3/9, series of pips with last one longer 756 than the first 0600, then weak talk. (Portzer) Germany uses pips (at least sometimes) but damned if I remember how many-CH
- COLOMBIA HJAJ 1/28. (Cruser) Vy brf log-CH 760
- NEW ZELLAND 22K Hastings with classical mx from 1048 to 1051 on 765 3/9. Seemed to be in // to 2YC 657. (Wilkinson) Just wondering, were 3/9 and 3/19 (xlnt TA nights) noteworthy out there? CH
- SENEGAL Dakar w/FF, mx fair to good signal, QSB 2235 2/18. (Cruser) 765 SWITZERLAND Sottens weak w/man in FF, slopped by WABC 0602 3/2. 765 (Connelly)
- BULGARIA I was looking for Egypt, found Arab music all over the 774 channel. Nx at 0430 was big fisappointment when this ID'ed, // 747 2/25. (Littek)
- SPAIN Caceres et al presimed the source of fair sig w/man in SS 774 0227 3/9. Severe WABC slop. (Eckman) Synchronized outlets loud w/ time pips, nx in SS 2200 2/27. (Connelly) Fair w/SS talk and strong het on WABC 2220 3/5. (Connelly)
- PORTUGAL Porto-Miramar loud w/PP political speech, rising to dom-782 inance 0/783 0616 3/2. (Connelly) Fair w/kight mx 0227 3/9 badly hetted by 783 and WBBM slop. (Eckman)
- EAST GERMANY Burg presumed the one w/unfamiliar IS 0259 3/9. Cl-783 type mx noted around 0320. (Eckman) Burg good w/man in GG atop strong 782 het 0604 3/2. (Connelly) Burg potent w/female GG vocal totally plastering Portugal 782 (heard as het only) 2241 3/8. (Connelly)
- SPAIN latched onto second network here....SER...Sociedad Espanola 792 de Diffusion, this //810,1260 w/man talking, typical mx, and weird noises 0043-0049 2/25. (Littek)
- VENEZUELA YVTB Radio Exitos has moved here ex 980. (Clark) 006
- BAHAMAS Freeport ZNS3 1/29. (Cruser) 810
- COLOMBIA HJCY Bogota apparently SS nx 1/29. (Cruser) 810
- NEW ZEALAND 4YA Dunedin heard on 3/9 from 1003 to 1047 with KGO 810 off the air. Never heard here before. (Wilkinson)
- UNID w/British accented EE male annor heard in WGY fade 0112 3/9. 810 Although LA's were weak (Cuba was even weak) I must assume this was ZNS3 and not Scotland, if we ever get good low end TA cx on a MM Scotland should be a good possibility. (Kazaross)

- 819 ANDORRA La Vieja poor to fair o/fast SAH/rumble; man in FF 0600 3/1. (Connelly)
- 819 NEW ZEALAND 1YZ Rotorua with DU EE accented male anner and EZL mx from 1206 to 1210 on 3/9. (Wilkinson)
- UNID loud het on enfeebled WBAP 0441 3/9. (Portzer)
- AUSTRALIA 3GI Sale with news pgm from 1201 to 1206 on 3/9 with 828 man in EE accent. One of the more consistent Aussies at this den. (Wilkinson)
- 828 WEST GERMANY Sudwestfunk here as usual //1017. Sometimes this 40 kw at 350 miles interferes w/Hannover (NDR) at 50 miles during the day. Hrd first at night, 2225 of 2/24. (Littek)
- 828 UNID het here PFM'ed to 826, 999.7 Hz. I suspect Libys but who knows? (Littek)
- HAWAII KIKI Honolulu with rock records and several KIKI/KPIG 830 ID's at 1413 3/3. KPIG ID was definite, is this AM or FM? Good signal but somebody was putting a terrific het on it. (Stonebridge)
- AUSTRALIA 4RK Rockhampton with pop mx and vocals from 1118 to 1124. Not heard 3/9. (Wilkinson) 837
- SOUTH KOREA HLKY Seoul very loud on 3/7 from 1016 to 1020 with 837 two men speaking alternately in KK. (Wilkinson)
- 837 YUGOSLAVIA nx at 0530 from Novi Sad, sneaked in w/usual FF on this channel, 2/25. (Littek)
- 846 AUSTRALIA 2CY Granberra with female choral group and female annor 1224-1229 on 2/23. (Wilkinson)
- 846 KIRABATI Tarawa 3/17 0940 good w/ethnic mx through monstrous KOA splash. (Brown)
- ITALY tentative, poor in WHDH slop 0601 3/1. (Connelly) Good w/nx 846 in GG 0233 3/9. Good at 0303 w/EE nx. (Eckman)
- 855 ROMANIA R. Bucharest running //1152, noticed 2232 2/24 w/opera and suchlike. (Littek)
- SPAIN Murtia presumed w/male in SS 0255 3/9, good level. (Eckman) FRANCE Paris fair w/man and woman in FF 0711 3/9. (Connelly) 855 864 Good w/man in FF 0523 3/10. One of the few good low band sigs
- this AM. (Eckman) 873 AUSTRALIA 2GB Sydney with male annor on phone with someone on
- 2/24 from 1153 to 1158. Heard many phrases. (Wilkinson) SPAIN poor-fair w/SS talk 0152 3/9. Good sig for 20 kw. (Kazaross) 873
- 873 UNID loud carrier, weak traces of rock mx 0525 3/9. AFN? (Portzer) Very likely-CH
- 882 AUSTRALIA 4BH Brisbane very strong on 2/24 from 1136 to 1142 with pop and jazz selections and female anner. (Wilkinson)
- 882 NEW ZEALAND 1YC Auckland on 3/3 from 1035 to 1040 with male vocalist singing operatic type of mx. (Wilkinson)
- 882 WALES BBC w/MoR-pop-disco mx and accented EE talk various times x0335-0600+ 3/9. Good-poor, though annots not quite readable. Easily seperable from KVRN. (Portzer)
- 891 AUSTRALIA 5AN Adelaide on 2/24 from 1126-1135 with fade from 1130 to 1133. Pop music w/male anner. (Wilkinson)
- 891 FIJI Radio Fiji heard on 3/3 from 1030 to 1034 with male and femake vocalists on Hindustani type of mx. Best in a long time. (Wilkinson)
- 891 TURKEY making an effort to break a solid signal from Radio Moscow 1730 2/17 w/wailing sruff. (Littek)
- 891 UNID noticeable het on WLS 0356 3/9. Who's on at this hour? (Portzer) USSR and Turkey are on, plus Holland leaves their carrier on AN-CH
- 930 COLOMBIA HJCS R. Continental, Bogota noted in/out of several do-mestics on MM 2/11, circa 0720. (Cooper)
- USSR easiest way to ID Moscow, w/pips at 0700 2/23. (Littek) 945
- <u>UNID</u> possibly France-definite \underline{SS} talk on a strong TA signal, atop a weak audible het 2229 2/28. This is well before the Ecua-945 dorian fades in, DF correct for Europe/North Africa and it was much stronger than any 944 or 945 LA has ever been. (Connelly) DONINICAN REPUBLIC HISA R. Cibao, Santiago ex 980. (Clark)
- 990
- ENGLAND unreal... EBC local radio stuff //1458. This one's 1 kw at 999 most, 0106 2/25. (Littek)
- ENGLAND R. Trent, IBA pop mx type stuff. Really unbelievable. 999 This one's 200 watts, ID'ed 0107 2/25. No DDR to be heard. (Littek)
- COLOMBIA HJCC R. 10-20 noted giving calls on MM 2/13 at 0800. I've 1000 noted that Colombians have seemingly reverted to using their call letters these days on the hour and half hour-watch for it as it helps get a truer ID. (Cooper)
- JAPAN JONR Osaka with lively modern Japanese musical selections 1008 with male vocalists on 2/23 from 1055 to 1100. Male and female spoke from 1100 to 1103 followed by more similar mx. (Wilkinson)
- HOLLAND Flevoland apparently the TA running AN, noted 0228 3/18 1008 with fair-poor sig. (Hutton)

- 1008 UNID TA w/the same typical type of soft mx that's carried AN by many Europeans 0157 and 0205. Faded across the hour. I suspect Holland and not Yugoslavia as this (the best low end TA opening ever noted from a non-coastal QTH) did not seem to include eastern Europeans. Any ideas? (Kazaross) Can't be Yugoslavia, WRTH says they s/on 0400 but every time I've heard them s/oh it was 0430 or 0445. I say Holland because the new superpower xmtr from Flevoland is supposedly on the air-CH
- 1017 <u>TONGA</u> Nuku'alofa 3AZ very strong on 3/9 from 0951 to 0955 with female speaking in Tongan. (Wilkinson)
- 1017 WEST GERMANY poor w/GG talk 0203 3/9. (Kazaross) To good peaks w/Muzak 2232 3/8. No sign of the Turk. (Connelly)
- 1035 <u>ENGLAND</u> wiping out ½ megawatt Russky w/5 kw as far as I know. Pgm was "Love Notes" and if you want a song for lovey-dovey, the address is BBC Radio Two, London, W1A 4WW. Real mellow stuff. (Littek)
- 1035 <u>NEW ZEALAND</u> 4ZB Wealington fair 1150 3/16 w/pop mx, male DJ. (Brown)
- 1040 HAWAII KPOI Honolulu 2/17 1220 good w/automated oldies and K-poy ID's; about all they ever say. (Brown)

1044 EAST GERMANY poor w/GG mx then female anner 0003 3/9. (Kazaross)

1044 MOROCCO Sebae-Aioun good w/man in FF o/SAH and mx from East Germany 2331 2/29. (Connelly) Poor w/pop mx including c&w hit "Lucille" 0537 3/8. (Connelly)

- 1050 VENEZUELA YVKZ R. Nacional noted on MM 2/18 when I tried for WMNZ's regular check, with WHN off, o/u another SS, seemingly a Colombian-no sign of XEG. (Cooper)
- 1050 MEXICO either XEG or XED in EE giving a Los Angeles telephone number and PO box as a contact for a counseling service on MM 3/10, w/WHN again off-XED would seem more likely to me as Tijuana is not all that far from LA whereas Juarez is way around Texas. (Cooper)
- 1053 <u>ROMANIA</u> running // 855 0443 2/25. (Littek)
- 1061 PORTUGAL Azurara/Norte badly drilling daytimer WGTR w/fierce het 2140 2/27. Good w/PP talk o/heavy het 2227 2/28. (Connelly) UNID normal Denmark destroyed by screaming het 2248 2/24. (Littek)
- 1107 WEST GERMANY/USSR a microcosm of the real world here, Russky slopping American (AFN) here so that neither is useful. Figures, deem't it? Politics gets into everything these days. (Littek) (But somebody interferes with <u>everybody</u> in Europe....Besides AFN is low powered-EH
- 1116a <u>UNID</u> (heard on car rx) talk w/muffled audio, pehhaps AA-three chimes were sounded, then more talk in foreign language 2225 2/29. (Connelly)
- 1134 YUGOSLAVIA Tovarnik perhaps the one w/man in unid lang 0419 3/19 at fair level. (Eckman)
- 1140 <u>COLOMBIA</u> HJKO Barranquilla La Voz de la Victoria is now AN SM's, fairly easy with WRVA off SM's and not a trace all season of Dave Gleason's Once-Q WQII. Noted weakly on SM 2/17 at 0702. (Cooper) Don't feel bad, I haven't heard WQII since 1976-CH
- 1143 SOUTH KOREA Jeju KBS powerful stn w/pgms in EE (sometimem with KK) on weekdays from 1100 to 1200. Male anner mentioned "Korean Broadcasting Service", "558", and "1143" frequencies at 1100/ (Wilkinson)
- 1143 SLAV noted 2300-2402 on evening of 3/12 with a healthy signal till about 2345 when it began to fade away-eight note IS at 2330 and six one second apart time pips from 2359:50 to 55, then a pause and female anner. (Cooper) Got your tape and have played it once; there seems to be a fair Radio Rodina ID-CH
- 1161 FRANCE Strasbourg et al poor to fair w/man and woman in FF 0525 3/8. (Connelly)
- 0525 3/8. (Connelly) 1179 <u>SPAIN</u> the big Swede is asleep at 0159 of 2/22 so 2 Spaniards were fighting it out. Neither ID'ed. (Littek)
- 1197 WEST GERMANY VOA suspected w/instrumental band mx 2350 3/18. (Kazaross)
- 1197 UNID man and woman shouting, possibly in AA; Morocco suspected 2226 2/28. (Connelly)
- 1206 CHINA Chinese stn believed to be the Yanbūan PBS (Mu verie spells it Yanbien) heard very well from 0957-1004. (Date??CH) Beautiful stringed mx until 1000 then some beautiful chime-like music for 25-30 seconds, then male and female annots. Slow march-like mx followed by male and female annots alternating (news?), all in CC. (Wilkinson)
- 1206 FRANCE Bordeaux loud w/FF talk 2219 2/29. (Connwlly) Very good w/man and woman in FF, heard well despite heavy WCAU splash 0523 3/8. (Connelly)

- 1215 ENGLAND BBC synchros fair w/cl mx 2328-2330 3/8. (Connelly)
- 1224t SPAIN apparent SS talk by man, heavily slopped 2320 2/29. (Con)
- 1233 BELGIUM weak here in FF //621 2306 2/24. (Littek)
- 1251 <u>LIBYA</u> creating a wicked het as usual, but lotsa audio 0215 2/22. 2/25 wicked het again, about 1 KHz but no audio this time. (Littek)
- 1269 WEST GERMANY Neumunster poor w/Muzak in CJCB slop 2332 3/8. (Connelly)
- 1287 CZECHOSLOVAKIA Praha-Melnik fair w/soft cl mx 2318 2/29. (Connelly) Probably the carrier noted at 0330 3/11, fair signal but no audio noted. (Eckman)
- 1305 UNID woman in FF, poor in bad WLOB slop 04,50c 3/9. (Connelly)
 1325 HAITI tentatively, monotonous tropical instrumental mx, then anthem. 0C after s/off 0457-0500 3/9. Signal fair to poor. (Connelly) Poor-fair w/soft mx 04,55 3/8 during unusually bad LA cx. Not noticed after 0500 so must s/off then. (Kazaross) Right, CH
- 1332 <u>ITALY</u> Rome fair w/cl mx 0515 3/8. Fair o/u WEVD slop w/cl mx, woman in II who mentioned Radiotelevisione Italiana 0505-0508 and up loud w/harp mx and religious choral mx at 0514 3/9. (Con) Presumed the carrier here 0450 3/9. (Eckman)
- 1341 <u>NORTHERN IRELAND</u> Lisnagervey BBC fair to good w/British EE anner and light mx 0516 3/8. (Connelly) Very poor, furst audio here 0500 3/18. (CH)
- 1341 SPAIN Valencia here w/pop mx 0020-0028, conversational newscast afterwards. Took a long time to ID this sucker, third network, RCE, Radio Cadena Espanola. (Littek)
- 1359 EAST GERMANY Berlin to good peaks; initially I was confused when I heard an SS male pop vocal but the identity of the stn became evident when a woman anner came on w/GG talk; this was followed by a Strauss waltz 0523 3/9. (Connelly)
- 1370 <u>COLOMBIA</u> two Colombians in/out with WFEA here on one of the very few AU mornings of the season, Friday 2/22, circa 0720-0740--HJBO R. Piloto and HJKX w/RCN ID's, the latter unn. (Cooper)
- 1377 FRANCE Lille in w/big het, some FF talk; stringer than 1375, 2223 2/29. (Connelly) Good w/female AA vocal, flutes 0512 3/8. (Connelly) Good at 2223 3/10 even w/St. Pierre but little audio discernable. (Eckman)
- 1395 <u>ALBANIA</u> Lushnje good w/woman in GG 0510 3/8. (Connelly) Good 2222 w/mx. Internationale 2256. Relatively early fade-in for this time of year. (Eckman)
- 1400 COLOMBIA HJAS Barranquilla noted using two slogans-R. Libertad and R. Universal on "Colombia morning" MM 2/11 at 0850, in/out with myriads of domestics. They've not been heard since as cx have turned extremely un-auroral, negating all the fancy predictions of a year or so about cx this season. (Cooper) They are not just fancy predictions; each and every sunspot cycle peak has a corresponding peak in geomagnetic activity. We just happened to have a rather unusual year-CH
- 1404a <u>GUINEA</u> Conskry loud w/AA chanting, slight het present om high side 0530 3/9. I could not accurately measure frequency w/the HQ180A dial; possibly Guinea was non 1403.5a and the high side het was from 1404 Europeans. (Connelly)
- 1422 WEST GERMANY Saarbrucken fair w/hard rock 2316 2/29. (Connelly) Poor w/pop mx, heavy SAH from someone else present 2330 3/5. Fair to good w/man in GG 0500 3/8. (Connelly)
- 1440 <u>LUXEMBOURG</u> the monster puts in a good groundwave signal to Hamburg (30 dB over 1 uv/m). This was first disturbed by skywave at exactly 1601 GMT on 2/23. 1840 2/23: tell me European radio isn't confusing! Radio Luxembourg broadcasting in II doing a special on Liechtenstein. Ez pgm followed at 1900, ID's as "Britain's #1 all music station". No kidding. (Littek) They have a good audience in England, so I'm told-CH
- 1449 ITALY likely the one w/soft mx 0556 3/8 during good high end TA cx. (Kazaross)
- 1449 RUSSIA I fell asleep when this guy signed on, but must have been 0300. (Littek)
- 1458 UNID carrier noted at good level (00?) 0340 3/11. (Eckman)
- 1458 UNDD maybe Albania-FF sounding talk by woman, poor o/SAH 2315 2/29. 1395 had strong OC at the time. (Connelly)
- 1460 TURKS AND CAICOS AFRTS has moved to FM 91.1 only. (Clark)
- 1460 <u>TURKS AND CAICOS</u> Radio Truks and Caicos ex 1550 with a new power of 2 kw. Just a freq change only! Not a new stn as per news on VSI. (Clark)

- 1467 MONACO Monte Carlo xlnt w/EE preaching, London mailing address 2314 2/29. (Connelly) Ultra-loud w/choral mx, GG talk 0457 3/8. (Connelly) TWR very good 2221 3/10 w/man in unid lang. Good w/religious mx 2311. (Eckman)
- 1476 AUSTRIA Wien-Bisamberg ORF poor w/Alpine mx in bad WJIT/WSAR slop 2337 3/5. (Connelly) Xlnt w/pop mx (some US disco) around 0405-0500 3/9. Man in GG at 0500. Also good w/OC 0350 3/11, man w/presumed s/on at 0400 in GG. (Eckman)
- 1503 POLAND fair thru WTOP slop w/piano mx, female and male Polish anners 0420-0430 3/9. Only weak carriers on 1368 and 1305. (Kazaross) Very good 0408-0500 3/9. Chopin IS noted at 0459. Also noted w/0C 0355 3/11. IS noted at 0358 w/fair signal. (Eckman)
- 1503 <u>ENGLAND</u> these low-powered Limeys, again. This one //1458. Must be more than 500 watts. The big Polack was asleep 0014 2/25. (Littek)
- 1521 <u>CZECHOSLOVALIA</u> fighting it out w/WEBW slop w/bouncy instrumental mx OL50 3/9. (Kezeross) Dominant w/no sign of Saudi Arabia (unusual) 0330 3/18.(Hutton) Very powerful w/light mx OL10 3/9. Time pips at OL30, man in unid leng followed by IS (which matches Hvezda IS listed in WRTH). (Eckman)
- 1521 <u>SAUDI ARABIA</u> Duba very, very powerful w/AA chanting at 0314 3/11. Better than WKBW at the time. Still powerful at 0333 w/AA mx but faded somewhat by 0345. (Eckman) Totally overwhelming WKBW on car rx-male AA chant, then AA talk 2240 2/29. (Connelly)
- 1512 <u>SAUDI ARABIA</u> (out of order-CH) Jeddah likely the source of strong OC at 0245. Weaker at 0305 but slow, monotonous Koranic religious chants were audible on peaks until fade at 0326 3/9. By 0331 not even a trace of carrier remained. This stn is Iocated on the Red Sea about 400 miles below Duba and has been operating w/nearly a full sked. The s/on time (0300) and the fade time plus the pgm material strongly suggest Saudi Arabia. (Kazaross) The sked on page two of this week's IDXD says 0400 g/on but I think you had Jeddah anyhow. Very recently this stn suddenly popped up in loggings and information columns from Europe so I think they went full power and extended their sked. Noted here very weakly a couple of times in the last two weeks-CH
- UNID female in unid foreign lang heard for a couple of seconds several times in WCKY fades O(405-0(4)7 3/9. Lang not SS. Is Vatican on this early? (Kazaross) I forget, they extended their sked about a year ago and I don't remember the new one-CH
 WEST GERMANY Mainflingen noted w/male GG vocal, poor in heavy
- 1539 WEST GERMANY Mainflingen noted w/male GG voc WPTR slop 0555 3/9. (Connelly)
- 1548 ENGLAND one of the UK locals briefly noted w/British EE annor atop a graveyard-type pile of signals and some CBE slop 0557 3/9. (Connelly)
- 1548 UNID presume one of the UK outlets here 0316 3/11 w/fair carrier but no audio. (Eckman)
- 1557 FRANCE Nice fair w/man and woman in FF 0606 3/1. (Connelly) Dominant and good despite WQXR slop; man and woman in FF, apparently a radio drama 0448 3/8. (Connelly)
- 1557 MALTA Cyclops fair w/AA-type mx 0252 3/11. (Eckman) MEXICO XEVIP Mexico City noted w/EE CBS nx 0600-0606 on MM
- AUSTRALIA 3NE Wangaratta 2/14 1144-1202 fair w/vocal MoR, male
- DJ, local mentions and TC at top of the hour. (Brown) TUNISIA all over this channel now that Switzerland is asleep.
- Talk about Allah, Tunis 0041-0045, but no moaning. Thank Godi This 2/25. (Littek) Fair 2325 3/8 w/usual distorted audio.
- 1566 (Eckman) Fair w/AA talk in slop; low-pitched low side het also present 2312 2/29. (Connelly) Strong w/female AA chant Olulu 3/8. The 1575 Tunisian reported by someone was not heard here. (Connelly) Who reported a 1575 Tunisian? I don't remember seeing it and would like to get the details-CH
- saeing it and would like to get the details-CH ****1575****TAILAND BenPechi VOA 3/5 1145-1202 w/nx in EE just before the top of the hour, then "this news has come to you from the VOA in Washington". Single beep, no Yankee Doodle, then into unid lingo. Reappeared 3/2, 7, 13, 14, 15 during same 15 minute period. (Brown) Tremendous!!! CH
 - 1593 WEST GERMANY Langenberg blasting in w/woman in GG 0604 3/1. (Jonnelly) Xint/like a local w/Muzak, then woman in GG 0440 3/8. Good but starting to fade with sumrise at first skip point 0716 3/9-haard w/GG talk. (Connelly)

- 1593 WEST GERMANY Langenberg good 0430 3/8 w/Beatles mx, strong 0450 3/9, very good 0250 3/11.w/opera mx. (Eckman) Absolutely locallike at 0545 3/9. This was the best TA all night from sunset to fadeout. It was about 3 dB better than WQQW and the mess on 1590 on peaks. This should have been heard far inland and possibly on the west coast when it's this loud, (Kazaross)
- 1595 HAITI R. Skywave noted w/OC shut off at 0301 3/9 hetted by WDR 1593. (Kazaross) Tentative, feeble het against WDR 1593. (Connelly)

and lastly

1090 <u>CUBA</u> new unid R. Guama outlet first noted here 3/4 at 0230, power estimated at 1 kw. (Hutton)

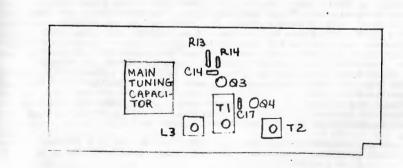
This long, long column was caused by:

| Richard Allen David Arbogast Russ Brown Richard Clark Mark Connelly | Billings, Okla. Rootstown, Onio Stevensville, Mi. Fuerto Plata, Dom. Rep. Billerica, Ma. | R390A, MW1, car rx |
|---|--|---|
| Ernie Cooper Eric Cruser | W. Yarmouth, Ma. Provincetown, Mass. Lakehurst, NJ | HQ180A, SM2 R390A, loop Drake 2B w/converter, SX42, |
| Richard Eckman | Philly, Pa. | TRF, LW HQ180A (modified), SB620, |
| Ed Eisentraeger Chuck Hutton | Rockford, Ill. Decatur, Ga. | Sanserino loop TRF R390A, TRF, 2300' phased Bev- |
| Neil Kazaross Ar i Littek | Pawtucket, RI Hamburg, W. Germany | erage, vertical R390A, 80' LW, Sanserino loop Rohde and Schwarze receivers, |
| Bruce Sportster | Seattle, Wa. | Telefunken rx's, LW HQ180A, 2000' terminated Bev- |
| Mike Stonebridge Hank Wilkinson | Fox Creek, Alta. Santa Rosa, Ca. | erage at 45° GR78, 4º loop SP600, Sanserino loop |

From the looks of things, 3/9 was the TA night of the year so naturally l missed it. Oh well, not too likely to hear anything new this year except new xmtrs. 3/18 GMT (3/17 EST) must have been on the same level as 3/9, just have to wait and see what kind of reports I get. Down gere there was a TA or two on just about every channel, including the usually not-too-good bottom of the band. Tried my best to get some sort of ID out of 621 Canaries but it wasn't to be this time. Every last BBC major outlet was in, including 1341 which had'nt made it previously. 1008 had a signal on it again tonight so it looks like Holland has the superpower cranked up and in regular use. So much stuff up and down the dial but I don't think Pat wants me to re-cap it all here.....

Just stick a front and back page on this and you'll have this week's bulletin, Fat..... See you later---

C THAT'S WHAT YOU THOUGHT! Gat



SELECTIVITY MODIFICATION FOR THE TRF

About a dozen DX'ers have inquired as to how to install ceramic filters in a TRF, so rather than responding to each person individually I am writing down the procedure here.

Basically, this procedure involves removing the emitter bypass capacitors from two IF stages and replacing them with ceramic filters. No other parts are added or subtracted. The only difficulty involved is simply the physical operation of cutting away the capacitor body and soldering the filters to the capacitor leads in somewhat cramped space.

The filters I used were Vernitron TF01A's, available from Radio West at 2 for \$5. A couple of Murata filters were also used, but their minimum mail order of \$100 discourages most people.

The procedure:

(20)

- (1) remove the six screws holding the back of the TRF. There are two on the upper part of the case, two on the handle, one in the battery compartment, and one in the AC line cord compartment. Remove the back by pulling firmly. A gasket is used so you will have to pull and pull and pull.....
- (2) Locate the components pictured below. Push Q3, R13, and R14 away from C14 in order to create as much room as possible around the capacitor. You will be thankful for as much room as possible later on. Be careful not to apply too much sudden pressure to the resistors as some TRF's were furnished with extremely brittle resistors that fracture easily. Create as much room as possible around C17 also. Some things to do include pushing Q4 away from C17 and re-routing the grey wire to the other side of T1 if necessary. Be careful not to allow pushed leads to short onto other leads.
- (3) with a small (if possible) pair of diagonal cutters cut C14 and C17 in half down the middle of the body. Be careful not to cut the leads of the capacitor. Next cut away as much of the body as possible. At this point all that should be left of the capacitors are the leads and a small piece of ceramic and plate at the end of the leads. Take a pair of needle nose pliers and squeeze the ceramic in order to fracture all of it. Then squeeze the ends of the leads in order to wrap the remnants of the body around the leads. Now you should have a solder-able surface.
- (4) due to lack of room, it is best to melt some solder on the tip and then hold the filter onto the leads while applying the iron. Best of luck in getting this done quickly and easily. By sitting the filter on either a convenient transistor or transformer, this three-hand operation can be performed with only two hands.
- (5) while the radio is apart it is a good idea to align the RF and IF stages. Of the 60 or so TRF's I have aligned recently, not a one could not be improved by alignment. This can be done without service equipment if necessary. A very high level of TRF's are badly mis-aligned coming from the factory.
- (6) put the back cover back on the radio and hear some new DX!

Some comments on TRF's with these filters installed (from happy purchasers of TRF's via me): "I am impressed with its performance and look forward to many years of DX'ing with it"; "Frankly I am impressed! Except for readout it is every bit as good as my Gilfer 4 KHz FRG7 and in fact I'm not so sure the TRF selectivity is not sharper"; and from a long-time owner of Hammarlunds and Collins "the improvement in selectivity is immediately noticeable!". One fellow has ordered his second rx! Here in Atlanta Karl Jeter could not hear 1470 due to local WYZE 1480, 1460 being clearly readable with a semi-local 40 miles away. Well, Karl tuned his newly-modified TRF to 1470 and thought he was on 1460 because there was a nice, readable signal there. I've tried out many of the TRF with filters and have heard several TA's and a handful of Latin splits, including the new Radio Haiti-Inter on 1325.

I think you will be very happy with a TRF modified as per the above. Any questions, problems, etc. I will be most happy to help with.

ZONAL-ANALYSIS APPROACH TO PAN-AMERICAN DX

by Mark Connelly

The purpose of this article is to enable DXers in the northeastern states to DX Latin America in a systematic manner, based upon checking "pilot signals" from different areas. The methods employed are similar to those used in the recent "Zonal Analysis for TA DX" article. Of course, DXing the LA's is quite a different ballgame from TA-chasing.

Paths to Latin America are open under most night-time ionospheric conditions except the most utterly severe auroras. Auroral effects are chiefly of interest because of their influence upon domestic stations which interfere with the LA's. (Note: for the sake of convenience, the term "Latin American" (LA) will be used for all Caribbean, South American, Central American, and Mexican stations, even those which are in countries which speak English & other non-Romance languages.)

LA splits can be heard on most nights; on the other hand, domestic stations must be aurorally-weakened somewhat to permit large-scale DXing of LA's on 10-kHz. channels. The DXer should recognise the difference between short-skip and long-skip openings for LA's, just as these differences are observed in domestic DX. A DXer,who notes Dominican Republic stations bver-riding normally-heard high-power co-channel Venezuelans & Colombians, should refer to the zonal chart at the end of this article and exploit the short-skip LA opening for other stations within 2000 miles. During such an opening, South American-chasing is best bypassed, to be re-attempted at another time. This situation is analogous to that of a domestic DXer in Boston who realises that, when WCBS-880 is loud on skip & WLS-890 is weak, it makes more sense to try for regionals & graveyarders in the NY-NJ-PA area than trying to get similar stations from the Midwest.

Frequency-dependence of openings must be considered: many nights have exhibited auroral conditions with weak domestic skip & good LA's below 1200 kHz., whilst yielding strong short-skip domestics & poor LA's above 1200. Instead of formulating one band-wide "plan of attack" for LA DXing, the DXer should generate 3 plans of attack: one for low-band (500-900 kHz.); a second for mid-band (900-1200 kHz.), and a third for high-band (1200-1700 kHz.).

As we are dealing with north-south paths, the DXer must be aware of sunset and sunrise times at both the transmitter and receiver sites. These times themselves are reasonably accurate for fade-time predictions: the difference in sunset (or sunrise) times between those of the first ionospheric control point and that of the nearest ground point of interest (transmitter or receiver), when a north-south path is considered, is nowhere near as great as the difference in sunset (or sunrise) between ground-site & control-point on the east-west routes encountered in TA & TP DX.

The sunset/sunrise tables I previously published should be your guide to LA path viability. The DXer should first determine what LA's are capable of being heard at his hometown sunset & sunrise times.

In December, a DXer in Boston at local sunset can hear LA's having sunset earlier than 2112 GMT. Only the eastern tip of Brazil has an earlier sunset, however. Under normal conditions, domestic QRM will have already overtaken 10-kHz.-multiple LA's by the time they enter darkness. An aurora at this time of year could prove to be very beneficial: with domestics knocked out, a DXer could selectively tune for LA's far to the east (e. g. Brazilians) shortly after sunset with no QRM from the Venezuelan & Colombian pests. Mid-December sunset for Venezuela doesn't occur until 2210 GMT. To me, far-east LA openings are far more rewarding than routine YV/HJ-chasing. North-coast Brazilian reception generally goes hand-in-hand with equallyfascinating African reception: both are auroral-conditions occurrences largely confined to coastal receiving sites at sunset with topnotch gear. Like Deep-South-American chasing, African & northern-Brazilian DXing put one's operating skills to a very thorough test.

Summertime LA DX at sunset is considerably different. The aforementioned Boston DXer has a mid-June local sunset of 0017 GMT. At that time, all of South America and the Caribbean islands are well into darkness. Even in Costa Rica, sunset has occurred 23 minutes earlier. Therefore, before domestics from the west start to skip in, a considerable chunk of Latin America is "open" for intensive DXing, without the need for AU CX. Of course, aurora will still enhance one's possibilities by extending domestic-free LA DX well into the evening, by which time Mexico and western Central America will be in the dark. The drawback to summer LA DXing (other than QRN) is that stations such as Fortaleza, Brazil on 760, 1200, & 1300 will be covered by stronger Venezuelans/Colombians as soon as they begin to propagate in. During an auroral winter opening, the DXer could "sit on" 640 kHz. and get Brazil, then Surinam, followed by Guadeloupe & Because domestic skip is usually very strong up until east coast sunrise, the sunrise LA termination times are principally of interest to eastern DXers during disturbed conditions. At sunrise in December, the Boston DXer may hear Mexico, western Cuba, and western Central America: these have sunrise times later than 1216 GMT. Other LA's have faded earlier that morning (Rio de Janeiro, Brazil sunrise = 0810; Venezuela/ Colombia/Caribbean area sunrise about 1045-1105). June sunrise in Boston permits DXing of countries with sunrise after 0912 GMT: these include all Latin American areas except the far east of Brazil.

The sunset & sunrise cases of the winter & summer solstices represent the extreme cases: other times of the year range between these extremes in terms of the amount of area "open" for DXing at LSS/LSR. The DXer should proceed to the following zonal-analysis, keeping in mind the necessity to "follow" the sunset & sunrise terminators from east (group 1) to west (group 5). Individual station schedules must also be considered: the World Radio-TV Handbook and the international DX column updates are your references.

Group 1 / 145° - 160° (E of N)

These can be isolated from the interference of more westerly LA stations by exploiting autumn/winter sunset auroral openings. Salt water in the direction of desired-station pickup is advisable: this should be within the first 10 miles from the receiving site as the signals of interest will be arriving at low angles, skimming the surface of the earth. Africans should be DXed simultaneously. Surinam on 725 is the heavy hitter of group 1. Other Surinam stations on 600, 640, 820, & 914 are likely to be heard. Hindi-culture programming forms an important part of the breadcasting scene in Surinam: the exotic East Indian music will definitely help you to locate the non-split Surinam stations. 760 is worth checking as there is a station in Fortaleza, Brazil here; also the more-common Guyana station should show. These are sandwiched between Africans (rare .São Tomé on 759 & powerhouse Senegal on 765). A tough one is the French Guiana outlet on 1070. 960 is your best bet for Bermuda; this is favoured by short-skip openings, rather than by heavily auroral conditions. Barbados is frequently heard on 900 during the conditions that give decent group 1 reception. Rio de Janeiro on 860 & 1220 are generally best just before Rio sunrise, rather than at east coast US sunset.

Groups 2 & 3 / 169° - 195°

Within these groups are many of the Caribbean islands: a veritable motherlode of potential countries to beef up the DXer's totals. The splits may be heard most nights, even when domestics are strong. The best "pilot signals" are from St. Kitts on 1265 & 555. Antigua - 1165 is also supereasy; non-split ZDK-1100 is somewhat more of a challenge because of HJAT/WWWE QRM. Haiti offers 1035 as an easy split; 895, 1325, & others a are more difficult. Tougher Caribbean splits include Grenada - 535, Dominica - 595, St. Vincent - 705, Montserrat - 885, and Anguilla - 1505. 10-kHz.-channel stations heard nightly include Netherlands Antilles - 800, Venezuela - 1200, Colombia - 1100, & Dominican Republic - 650. Of course, auroral conditions will greatly increase the quantity and the quality of DX heard; the reader is encouraged to read the recent "DXing Latin America & the Caribbean - Country by Country" article, the IRCA foreign logs, and the international DX columns for a more in-depth examination of the enormous number of potential targets. A highly-rewarding aspect of DXing Colombia & Venezuela is the reception of stations on the US regional & graveyard channels from 1230 to 1490 kHz.

Deep-South-American Hunting

This is a special breed of DX which is both satisfying and frustrating. The DXer should check Ecuadorian splits (605, 735, 945, 995. § 1465 for starters) as a prelude to DSA DX attempts. My experience is that the 0300 - 0900 GMT time slot is most productive. Spring § autumn are the seasons preferred by some DXers, although, theoretically, DSA should be DX-able all year. Peru - 854 (and also 880 during WCBS SP) and Function, - 645 come next on my DSA target list. If these are found, by all means, dig for more: Argentina, Chile, Bolivia, Uruguay, and (the ultimate) Falklands Islands on 536. Buenos Aires on 870 and Rio de Janeiro on 860 may serve as propagation-viability-indicators.

Group 4 / 195° - 220°

Bahamas on 810 & 1540 are regularly heard with the Albany, NY area stations on their channels disposed of with a good loop or auroral cx. Cuba is loaded to the gunwales with pests with which we're all too familiar. Those seeking unusual low-power Cubans should consult Schatz's recent list. Cayman - 1555 is a "regular"; 1205 is somewhat less commonly heard. Jamaica - 700 may be found with WLW looped or phased. A short-skip LA night is best to minimise YVMH/HJCX QRM. Belize - 834 and the Costa Rican splits(on 575, 675, 725, 775, 825, et al) provide effective propagation beacons to the Central American isthmus. Central America is generally best from 0400 - 0800 GMT; additional targets are noted in the recent LADX article by Kazaross, Connelly, & DeLorenzo.

Group 5 / 220° - 250°

Mexico is the country of interest here: 540, 730, 900, 940, 1000, 1050, 1220, 1500, 1560, & 1570 have all been heard in New England. Early morning (from 0600 Z to sunrise termination time) is the most efficient time period for DXing Mexico. During that period, the highpowered Colombians & Venezuelans start fading, leaving Cuba & domestics to QRM Mexico. Moderate, rather than severe, auroral conditions are best. The lowest-latitude "Down-Under" DX paths pass through Mexico & the US southwest: unusually-loud Mexicans & SW domestics could signal the tantalising possibility of South Pacific DX making it to the northeastern USA. Tahiti - 738 & Tonga - 1017 would probably be the first heard.

Russ Brown has gotten TP/DU DX from Michigan; Gordon Nelson heard Tonga on 1020 in the '60s from MA. Despite the new splits, New England DXers have not recently heard TP/DU stations. Increased all-night domestic operation is the "villain" blamed for this by many DXers.

| 5: | | DXN = | DX News DXM = DX Monitor |
|--------------------------------------|--|---|--|
| Author(s) | Where | e found | Comments |
| Schatz | DXN, | 2-25-80 | Deadly accurate |
| Connelly | | | Intro. to Zonal-Analy- sis; Applied to TA DX |
| Connelly | | | Useful to predict recept- ion path termination times for both LA's & TA's |
| Kazaross/ Connelly/ De Lorenzo | | | A detailed look at LA DX targets for all 46 countries, arranged in order of difficulty |
| Foxworth | DXN, | 1-28-80 | Additional info to the above article |
| Portzer | DXM, | 12-29-79 | The Westerner's Version of the DXing LA article referenced above |
| Hutton | DXN, | 2-19-79 | Slightly dated, but still generally correct & use- ful: |
| Schatz | DXN, DXN, | 9-24-79 3-5-79 | The definitive work analysing the relation- ship of sunset & sunrise to DXing |
| Edmunds/ Page Taylor | ava Mar | ailable from ck at address | techniques therein are |
| | Author(s) Schatz Connelly Connelly Kazaross/ Connelly/ De Lorenzo Foxworth Portzer Hutton Schatz Edmunds/ | Author(s) Where Schatz DXN, Connelly DXN, Connelly DXN, Connelly DXN, Kazaross/ Connelly/ DE DXN, Kazaross/ Connelly/ DE DXN, Foxworth DXN, DXN, Portzer DXM, Hutton DXN, DXN, DXN, DXN, Schatz DXN, DXN, DXN, Man | Author(s) Where found Schatz DXN, 2-25-80 Connelly DXN, 3-10-80 DXM, 2-16-80 Connelly DXN, 2-4-80 DXM, 2-23-80 Kazaross/ DXN, 12-28-79 Connelly/ DXM, 12-28-79 De Lorenzo DXM, 12-28-79 Foxworth DXN, 1-21-80 DXM, 1-26-80 DXM, 1-26-80 Portzer DXM, 12-29-79 Hutton DXN, 2-19-79 Schatz DXN, 11-12-79 DXN, 3-5-79 DXN, 3-5-79 DXN, 10-9-78 Edmunds/ |

The reader is also advised to refer to the IRCA Foreign Logs for other articles pertinent to LA DX, TA DX, and medium-wave propagation in general. Mark Connelly, 30 William Road, Billerica, MA 01821.

NOTE FROM HQ:

Tomorrow, April 1 marks the beginning of LPC's 4th year. We're not sure how long LPC can last but we are appreciative of the past support you out there have given us, the editors and other workers. Thanks from the LPC. 24

Pan-American Zonal-Analysis Chart (for Massachusetts QTH)

| | 5 | .4 | 3 | 2 | 1 |
|--|-------------|---|--------------------------------|---|------------------------------------|
| | 2200-2500 | 195 ⁰ -220 ⁰ | 1750-1950 | 160 ⁰ -175 ⁰ | 145 ⁰ -160 ⁰ |
| A 500-1000mi. 805-1610km. | USA - TN | | - | - | Bermuda |
| B 1000-1500mi. 1610-2415km. | usa - Ms | USA - FL Bahamas Cuba | - | - | - |
| 500-2000mi. 2415-3220km. | | Belize Jamaica | Dominican Republic Haiti | Anguilla Antigua Dominica Guadeloupe Martinique Montserrat Puerto Rico St. Kitts St. Lucia Virgin Isl. | - |
| D 2000-2500mi. Mexico 3220-4025km. | | Costa Rica Panama Honduras Nicaragua Guatemala El Salvador | Neth. Antilles | Grenada Venezuela | Barbados |
| E 2500-3250mi. 4025-5232km. | - | Galapagos Isl. | Colombia Ecuador | <u>Brazil</u> Manaus | French Guiana Guyana Surinam |
| F 3250-4000mi. 5232-6440km. | - | - | Peru | - | Brazil Natal |
| G 4000-4750mi. 6440-7647km. | - | - | Bolivia | Paraguay | - |
| H 4750-5500mi. 7647-8855km. | - | Easter Isl. | Chile | Argentina Uruguay | Brazil Rio de J. |
| I 5500-8000mi. 8855-12880km. | Tahiti | Pitcairn Isl. | - | Falklands Isl. | - |
| J >8000mi. >12880km. | New Zealand | Antarctica McMurdo | | - | - |

YAD ...

ON MEMORIAL DAY WEEKEND YOU COULD: SIT HOME AND WATCH THE GRASS GROW, ATTEND THE NATIONAL GNOME LONG-DISTANCE WHISTLING CONTEST, SLEEP IN LATE, CHECK THE FUSE IN YOUR RECEIVER, CLEAN THE DOG SPOT ON THE RUG, OR.........COME TO YAD-80 IN YOUNGSTOWN, OHIO. SINCE ALL OF THESE HAVE THE SAME FUN POTENTIAL, FLIP A COIN. IF IT COMES UP YAD, LET US KNO' AS SOON AS POSSIBLE. CONTACT: JERRY STARR, WSRD RADIO, 401 NORTH BLAINE AVENUE, YOUNGSTOP'N, OHIO 44505

GRAVEYARD ACHEVEMENTS

Station and lo WAJF Decatur WHBS Huntsvil WHBB

WIBF

KWJB

KFFA KXAR Hope AR KDRS

KOTN

KXRN

KDLA

KXO

KYOS

KAFP

KBLF

KXOA

KVOE

KDB

WTRL.

WJ SB

WIBS

WRDW

WMGR

WILTM

WIKIMA

WWNS

WINV

WGIL

WKBV

KBUR

WKBB

KRTB

KVOE

WFKY

WKAY

WOMI

WSIP

KVOB

WIKC

Globe AZ KTYL Mesa AZ KTKT Phoenix KYCA Prescott KAIR

Auburn C. KAFY Bakersfi KPAS Banning KOWL Bijou CA KWIK Burbank KICO

DeLand F WKAT Miami Be WEAR Pensacol WSIR

Statesbo KTOH Lihue HI KBLI Blackfoo KCID

KEUN Eunice L KCIL Houma LA

KSYC Yreka CA KBOL Boulder WNLC New Lond WTOR

Well, friends and neighbors, gals and pals (as Bozo says), here we go with another starstudded edition of Graveyard DX Ashievements. I want to say 'welcome' to all the new reporters i thanks! to them and all the established reporters who are making this the well-received column that it is. Each time GYDXA appears, the total of stations gets bigger, as the blank spots are being filled in fast. Here's how 1490 looks ...

*** 1490 kc. before Jan. 1, 1960 ***

| | | 1470 201 001010 00111 11 1900 | : |
|---|-----------------------------|--|--------------|
| i | on and location | DXer and location Dis | tance |
| | Decatur AL | Gene Allen Vallejo CA | 1985 |
| | Huntsville AL | Gene Allen Vallejo CA | 2005 |
| | Selma AL | Gene Allen Vallejo CA | 2040 |
| | Troy AL | Gene Allen Vallejo CA | 2110 : |
| | Globe AZ | Norm Maguire Albuquerque NM | 250 |
| | Mesa AZ | Gene Allen Vallejo CA | 680 |
| | Phoenix AZ | Norm Maguire Albuquerque NM | 300 |
| | Prescott AZ | Stan Morss Bradford MA | 2100 |
| | Tucson AZ | Gene Allen Vallejo CA | 765 |
| | Helena AR | Norm Maguire E. Hartford CT | 1060 |
| | Hope AR | Nom Maguire Albuquerque NM | 710 |
| | Paragould AR | Gene Allen Vallejo CA | |
| | Pine Bluff AR | Gene Allen Vallejo CA | 1715 |
| | Russelville AR | Gene Allen Vallejo CA | |
| | Auburn CA | | 800 |
| | Bakersfield CA | Norm Maguire Albuquerque MM | 700 : |
| | Banning CA | | 555 |
| | Bijou CA | | 130 |
| | Burbank CA | Hank Holbrook Chevy Chase MD | |
| | Calexico CA | | 535 |
| | El Centro CA | Norm Maguire Albuquerque NM | |
| | Merced CA | Norm Maguire Albuquerque NM | 520 s 755 |
| | Petaluma CA | Don Kaskey Galva IA | |
| | Red Bluff CA | Norm Maguire Albuquerque MM | 1430 |
| | Sacramento CA | Gene Allen Vallejo CA | 930 |
| | Santa Ana CA | Nom Maguire E. Hartford CT | 55 · |
| | Santa Barbara CA | | |
| | Yreka CA | Stan Morss Bradford MA | 2450 |
| | Boulder CO | Norm Maguire Albuquerque MM | 930 |
| | New London CT | Norm Maguire Albuquerque IM | 340 |
| | | Norm Maguire E. Hartford CT | 40 |
| | Torrington CT | Norm Maguire E. Hartford CT | . 25 |
| | Bradenton FL | Gene Allen Vallejo CA | 2440 |
| | Crestview FL | Gene Allen Vallejo CA | 2110. |
| | DeLand FL Miami Beach FL | Norm Maguire Albuquerque NM | 1475 |
| | Pensacola FL | HOLE | 1180 |
| | Winter Haven FL | Gene Allen Vallejo CA | 1050 |
| | Augusta GA | Norm Maguire E. Hartford CT Norm Maguire E. Hartford CT | |
| | Bainbridge GA | Norm Maguire E. Hartford CT | 735 |
| | Cordele GA | | |
| 1 | Quitman GA | Norm Maguire E. Hartford CT | |
| | Statesboro GA | | 40.00 |
| | Lihue HI | Norm Maguire E. Hartford CT Norm Maguire E. Hartford CT | |
| | Blackfoot ID | Gene Allen Vallejo CA | 630 |
| 1 | Caldwell ID | Norm Maguire Albuquerque NM | 765 |
| | E. St Louie MO | Gene Allen Vallejo CA | 1745 |
| | Galesburg IL | Norm Maguire Albuquerque NM | 965 |
| | Connersville IN | Charles Martin Springfield Gdns NY | 590 |
| | Burlington IA | Gene Allen Vallejo CA | 1680 |
| | Dubuque IA | Gene Allen Vallejo CA | 1695 |
| | Mason City IA | | |
| | Emporia KS | The second secon | |
| | Frankfort KY | T-77-7- 04 | |
| | Glasgow KY | Gene Allen Vallejo CA Gene Allen Vallejo CA | |
| | Owensboro KY | Norm Maguire Albuquerque NM | 2000 |
| | Paintsville KY | Gene Allen Vallejo CA | 1120 |
| | | | 2155 |
| | Alexandria LA | Norm Maguire Albuquerque NM | 880 |
| | Bogalusa LA | Norm Maguire Albuquerque NM | 970 |
| | Eunice LA | Gene Allen Vallejo CA | 1800 |
| | Houma LA | Gene Allen Vallejo CA | 1900 |

BILL HALE 1451-B FAITH DRIVE RANTOUL, IL 61866

(25)

KPLC Lake Charles LA KRUS Ruston LA WPOR Portland ME Waterville ME WTVL WCUM Cumberland MD WLOE Boston MA WHOB Gardner MA WHAV Haversville MA WBEC/WBRK Pittsfield MA WJBK Detroit MI WESK Escanaba MI WMPC Lapeer MI WKBZ Muskegon MI KDAT. Duluth MN KBZY Muskegon MI Mankato MN KYSM KLGR Redwood Falls MN WLOX Biloxi MS Grenada MS WNAG Laurel MS WT.ATT Natchez MS WMIS WHOC Philadelphia MS WELO Tupelo MS Vicksburg MS WVIM KIMO Carthage MO Grant City MO KGIZ Rolla MO KUMBB Butte MT KBOW KCNT Broken Bow NE Omaha NE KRON Scottsbluff NE KGKY KWRN Bene NV Atlantic City NJ WIISS KVER Albuquerque NM KWEW Hobbs NM KRSN Los Alamos NM KRTN Raton NM UBTA Batavia NY WNBF Binghamton NY WMBQ/WCNW Brooklyn NY WKNY Kingston NY Long Beach NY WMIL Long Island City NY WLRY WOLF. Syracuse NY Woodside NY WWRL WOON Boone NC Durhan NC WIDNC Eden NC WLOE WGTC Greenville NC WSTP Salisbury NC Valdese NC WSVM KNDC Hettinger ND Cleveland Hts OH VSRS WBEX Chillicothe OH WOHT East Liverpool OH Marion OH WMRN KWRW Guthrie OK Muskogee OK KBIX KBKR Baker OR KRNR Roseburg OR KOCO Salem OR WESB Bradford PA WAZT. Hazelton PA WARD Johnstown PA WMRF Lewistown PA WBITD Morrisville PA WPEN Philadelphia PA WWSW Pittsburg PA WMBA Newport RI WGCD Chester SC WT.ATT Conway SC Greenville SC WAKE Greenwood SC WCRS Deadwood SD KDST Mitchell SD KORN WOPI Bristol TN WJJM Lewisburg TN

(26)

810 Norm Maguire Albuquerque NM 1720 Gene Allen Vallejo CA Frank Wheeler Erie PA 500 Charles Martin Springfield Gdns NY 355 300 Norm Maguire E. Hartford CT 200 Charles Martin Springfield Gdns NY Norm Maguire E. Hartford CT 60 220 Charles Martin Springfield Gons NY Norm Maguire E. Hartford CT 55 2095 Gene Allen Vallejo CA 1225 Norm Maguire Albuquerque NM 670 Charles Martin Springfield Gdns NY Noma Maguire Albuquerque NM 1225 Norm Maguire E. Hartford CT 1000 1105 Norm Maguire Albuquerque NM Norm Maguire E. Hartford CT 1045 895 Norm Maguire Albuquerque NM 1990 Gene Allen Vallejo CA 895 Norm Maguire Albuquerque NM 1020 Norm Maguire Albuquerque NM Norm Maguire Albuquerque NM 945 980 Norm Maguire Albuquerque NM 970 Norm Maguire Albuquerque NM Gene Allen Vallejo CA 1830 1540 Gene Allen Vallejo CA 1065 Charles Martin Springfield Gdns NY Charles Martin Brooklyn NY 965 800 Norm Maguire Albuquerque NM Gene Allen Vallejo CA 1230 Gene Allen Vallejo CA 1425 Charles Martin Springfield Gdns NY 1535 790 85 Norm Maguire Albuquerque NM Charles Martin Long Beach NY 895 Gene Allen Vallejo CA 1150 Gene Allen Vallejo CA 900 Gene Allen Vallejo CA 985 Gene Allen Vallejo CA Norm Maguire Albuquerque NM 1620 175 Norm Maguire E. Hartford CT 25 85 Charles Martin Brooklyn NY Charles Martin Springfield Gdns NY Charles Martin Springfield Gdns NY Charles Martin Springfield Gdna NY 30 Norm Maguire E. Hartford CT 140 105 Norm Maguire E. Hartford CT 1375 Norm Maguire Albuquerque NM Norm Maguire E. Hartford CT 490 330 Frank Wheeler Erie PA 495 Norm Maguire E. Hartford CT 530 515 Norm Maguire E. Hartford CT Frank Wheeler Erie PA Gene Allen Vallejo CA 1160 2175 Gene Allen Vallejo CA Norm Maguire Albuquerque NM 1300 Frank Wheeler Erie PA 125 2110 Gene Allen Vallejo CA Norm Maguire Albuquerque NM 180 Norm Maguire E. Hartford CT 1285 Norm Maguire Albuquerque NM 890 Gene Allen Vallejo CA 370 Norm Maguire Albuquerque NM 1100 1590 Norm Maguire Albuquerque NM 230 Frank Wheeler Erie PA Norm Maguire E. Hartford CT 330 1500 Norm Maguire Albuquerque NM 150 Norm Maguire E. Hartford CT 78 Charles Martin Springfield Gdns NY Gene Allen Vallejo CA 2275 Charles Martin Springfield Gdns NY 145 Frank Wheeler Erie PA 515 Norm Maguire E. Hartford CT 595 Gene Allen Vallejo CA 2235 Norm Maguire E. Hartford CT 690 Norm Maguire Albuquerque NM 695 Charles Martin Springfield Gdns NY 1240 Gene Allen Vallejo CA 2210 Gene Allen Vallejo CA 1980

8

WATO Oak Ridge TN KNOW Austin TX KTRL. Beeville TX KBST Big Spring TX KHUZ Borger TX KNET. Brady TX KGFI Brownsville TX KEEW/KVAL Brownsville TX KGKB Brownwood TX KEYS Corpus Christi TX KTLC Houston TX KSAM Huntsville TX KPAB Laredo TX KVOW Littlefield TX KPLT Paris TX Tyler TX KGKB KYWC Vernon TX Ogden UT KYOG KCSU Provo UT Rutland VT WSYB WIKE St Johnsbury VT WVEC Hampton VA WRTD Richmond VA WROV Roanoke VA KBRO Bremerton WA KELS/KLOG Kelso WA KTBI Tacoma WA Toppenish WA KENE Walla Walla WA KWWR Wenatchee WA KPO . WIN Charleston WV WVVW Fairmont WV WLOH Princeton WV Medford WI WTGM WOSH Oshkosh WI Gillette WY KTML Thermopolis WY KRTR KGOS Torrington WY KWOR Worland WY WECW Mavaguez PR CFRC Kingston ON Sault Ste Marie ON CJIC CHLP Montreal PO XEDR Guaymus SON CMOX Havana Cuba WAJF Decatur AL WRLD Lanett AL WHBB Selma AL KCUZ Clifton AZ KAIR Tucson AZ Mountain Home AR KTLO KDRS Paragould AR KOTN Pine Bluff AR Russellville AR KARV KWAC Bakersfield CA KOWL Bijou CA KTOB Petaluma CA Red Bluff CA KBLF KDB Santa Barbara CA KOWL South Lake Tahoe CA KBOL. Boulder CO KGUC Gunnison CO KIIQ Manitou Springs CO WGCH Greenwich CT WNLC New London CT WTRL. Bradenton FL WKEM Immokalee FL WMRM Miami Beach FL WMOG Brunswick GA WMITM Cordele GA Decatur GA WAJF WMOA Marietta GA WSNT Sandersville GA

Gene Allen Vallejo CA Norm Maguire E. Hartford CT Gene Allen Vallejo CA Norm Maguire E. Hartford CT Gene Allen Vallejo CA Norm Maguire E. Hartford CT Norm Maguire E. Hartford CT Norm Maguire Albuquerque NM Charles Martin Springfield Gdns NY Gene Allen Vallejo CA Charles Martin Springfield Gdns NY Gene Allen Vallejo CA Norm Maguire E. Hartford CT Norm Maguire Albuquerque MM Frank Wheeler Erie PA Norm Maguire E. Hartford CT Norm Maguire E. Hartford CT Ron Schiller Avenel MJ Norm Maguire Albuquerque NM Gene Allen Vallejo CA Norm Maguire Albuquerque NM Ernie Cooper Brooklyn NY Ernie Cooper Brooklyn NY Charles Martin Springfield Gdns NY Norm Maguire Albuquerque NM Norm Maguire Albuquerque NM Norm Maguire Albuquerque NM Gene Allen Vallejo CA Norm Maguire Albuquerque MM Norm Maguire Albuquerque NM Gene Allen Vallejo CA Gene Allen Vallejo CA Gene Allen Vallejo CA Gene Allen Vallejo CA Frank Wheeler Erie PA Norm Maguire E. Hartford CT Norm Maguire E. Hartford CT

(27

2115

1540

1585

1675

1175

1610

1700

800

1535

1620

1395

1615

1530

1160

1535:

1580

1 320

595 595

130

1850

100

350

2375

1140

1045

2200

2275

2275

1490

1570

1495

1720

1110

660

835

1000

860

1600

230

675

380

985

2605

510

605

465

1225

680

765

60

510

430

755

540

190

800

1305

925

260

485

610

61

1010

1225

1170

900

355

990

59

610

Gene Allen Vallejo CA Gene Allen Vallejo CA ***1490 khz. after or on Jan 1. 1960 *** Robert Kramer Chicago IL Jerry Starr Youngstown OH Rich Eddie St Louis MO Rick Carr Bloomington IL Michael Hardester NAS Miramar CA Norm Maguire Albuquerque NM Larry Van Horn Millington TN Carl Dabelstein Lincoln NE Carl Dabelstein Lincoln NE Bill Hardy Aberdeen WA Pete Taylor San Francisco CA Nancy Hardy Aberdeen WA Mike Hardester NAS Miramar CA Bill Hardy Aberdeen CA Dave Margritz Omaha NE Gene Allen Vallejo CA Norm Maguire Albuquerque NM Carl Dabelstein Lincoln NE Rodney Valdron Petit Rocher NB Chris Lucas Fairfield CT Alan Imprescia New York NY Ernie Cooper Provincetown MA Jeff Kosnett Evanston IL Ron Musco Windsor CT Don Davis Warner Robins GA Bruce Winkleman Man WV Frank Dailey Preston CT Ernie Cooper Provincetown MA

Cairo IL WKRO WDAN Danville IL WEST. East St Louis IL Oak Park II. WOPA WZOE Princeton IL WKRV Richmond TN KBUR Burlington IA WDBQ Dubuque IA KBAB Indianola IA KRTB Mason City IA KKAN Phillipsburg KS Topeka KS KTOP Frankfort KY WERY WKAY Glasgow KY WOMT Owensboro KY WSTP Paintsville KY KRUS Ruston LA WTVL Lewiston ME WPOR Portland ME WTYL Waterville ME WARK Hagerstown MD WHAT Haverhill MA WMRC Milford MA WTXI. West Springfield MA WABJ Adrian MI WTIQ Manistique MI WMPX Midland MI WLRC Whitehall MI KXRA Alexandria MN WLOX Biloxi MS WEOC Philadelphia MS WTUP Tupelo MS KTTR Rolla MO KDRO Sedalia MO KRON Omaha NE WENT Laconia NH WUSS Atlantic City NJ KRIN Raton NM WCSS Amaterdam NY WBTA Batavia NY Kingston NY WKNY WICY Malone NY WDLC Port Jervis NY WOLF Syracuse NY WSSB Durham NC WLOE Eden NC WFLB Fayetteville NC WRNR New Bern NC WRMT Booky Mount NC WHSL Wilmington NC KNDC Hettinger ND KOVC Valley City ND WBEX Chillicothe OH WJMO Cleveland Hgts OH WOHT East Liverpool OH MMOA Marietta OH WMRN Marion OH KOKC Guthrie OK KBIX Muskogee OK KBZY Salem OR WESB Bradford PA WAZL Hazleton PA WBCB Levittown PA Lewistown PA WMRF WMGW Meadville PA WNBT Wellsboro PA WMRB Greenville SC KORN Mitchell SD WOPI Bristol TN WDXB Chattanooga IN WDXL Lexington IN Austin TX KNOW KBST Big Spring TX KDOK Tyler TX KVOG Ogden UT

(28)

Russ Edmunds Glen Rock NJ Russ Edmunds Parsippany NJ Paul Mount Nelsonville OH Wayne Heinen Buffalo NY Rich Eddie St Louis MO Rick Carr Bloomington IL Carl Dabelstein Omaha NE Wayne Heinen Colorado Spngs CO Dave Margritz Omaha NE Carl Dabelstein Lincoln NE Carl Dabelstein Overland Pk KS Dan Phillips Clinton TN Tim Kerfoot Weston ON Rick Carr Bloomington IL Paul Mount Nelsonville OH Jeff Falconer Clinton ON Andy Rugg Waterloo ON Carl Dabelstein Lincoln NE Dave Yocis Fairfield CT Tim Kerfoot Weston ON Russ Edmunds Parsippany NJ Andy Rugg Montreal PQ. Jerry Starr Youngstown OH Chris Lucas Fairfield CT Jerry Starr Youngstown OH Andy Rugg Montreal Po Rodney Valdron Petit Rocher NB Russ Edmunds Parsippany NJ Rich Eddie St Louis MO Russ Edmunds Parsippany NJ Bill Hale Shalimar FT. Jerry Starr Youngstown OH Ralph Sperry Fairfield CT Karl Jeter Atlanta GA Carl Dabelstein Lincoln NE Jerry Starr Hubbard OH Jerry Starr Youn stown OH Debra Hidden Orlando FL Mike Heppe Houston MS Bruce Conti West Warwick RI Dave Yocis Fairfield CT Chris Lucas Fairfield CT Morris Sorensen Toronto ON Dave Fox Reading PA Chris Lucas Ithaca NY Rodney Valdron Petit Rocher NB Andy Rugg Montreal PQ Russ Edmunds Parsippany NJ Tim Kerfoot Weston ON Dave Fox Reading PA Andy Rugg Montreal PQ Tim Kerfoot Toronto ON Gene Nix Billings MT Morris Sorensen Leaf Rapids MB Paul Mount Nelsonville OH Chris Lucas Fairfield CT Tim Kerfoot Weston ON Paul Mount Nelsonville OH Chris Lucas Danbury CT Carl Dabelstein Overland Pk KS Rick Carr Bloomington IL Mike Hardester NAS Miramar CA Chris Lucas Fairfield CT Andy Rugg Montreal PQ Morris Sorensen Toronto ON Rodney Valdron Petit Rocher NB Rodney Valdron Petit Rocher NB Chris Lucas Fairfield CT Robert Kramer Chicago IL Rich Eddie St Louis MO Andy Rugg Montreal PQ Carl Dabelstein Lincoln NE Tom Sundstrom Willingboro NJ Bill Lackey Kingsville TX Bill Lackey Kingsville TX Gary Atkins Louisville KY Gene Nix Billings MT

WKVT Brattleboro VT WFAD Middlebury VT Newport VT WIKE Wells River VT WYKR WOVA Culpepper VA Hampton VA WVRC WAYR Wavnesboro VA KVAC Forks WA Kelso WA KLOG WXIT Charleston WV WLOH Princeton WV WSGB Sutton WV WGEZ Beloit WI WLCX LaCrosse WI WIGH Medford WI WYTL Oshkosh WI KTMI. Gillette WY KOTO Laramie WY Fajardo PR WMDD CKMV Grand Falls NB VOHF Harmon Field NFLD Kentville NS CKEN CKAD Middleton NS CHYM Kitchener ON CFPS Port Elgin ON CKT.R L'Annonciation PQ CKBM Montmagny PO CJMC St-Anne-des-Monts PO. CJSN Shaunavon SA

860

700

460

180

190

220

245

790

140

230

285

805

480

290

315

405

405 615

250

1100

140

740

1180

500

230 785 495

860

870

170

285

285 360

370

705 680

270

710

34 430

230 36

510

260

470

515

285

330 360

695

825 215

570

570 750 730

825

190 385

680

350

480 Rodney Valdron Petit Rocher NB 195 370 395 525 605 430 765 590 1030 Chris Lucas Fairfield CT Rodney Valdron Petit Rocher NB Rodney Valdron Petit Rocher NB Andy Rugg Montreal PQ Andy Rugg Montreal PQ Ron Musco Windsor CT Robert Wien San Jose CA Mike Hardester NAS Miramar CA Rodney Valdron Petit Rocher NB 220 Jerry Starr Youngstown OH 675 Stephen McIntire Des Moines IA 75 Jeff Kosnett Chicago IL Jerry Starr Youngstown OH 430 Carl Dabelstein Lincoln NE 800 Sharon Waterman Southwich MA 985 455 Gene Allen Vallejo CA Carl Dabelstein Lincoln NE 1600 Hank Holbrook Chevy Chase MD 110 Rodney Valdron Patit Rocher NB 410 Rodney Valdron Petit Rocher MB Rodney Valdron Petit Rocher MB 195 Chris Lucas Troy NY 495 415 Bryan Lee Brooklyn CT Dave Fox Reading PA 410 280 Tim Kerfoot Weston ON 470 Tim Kerfoot Weston ON Rodney Valdron Petit Rocher NB 100 Morris Sorensen God's Narrows MB 510

There it is, Graveyard fans. If you have any other GY achievements which would equal or surpass the ones shown in the past air columns, or, if you have any to add, send them in. Next time the Grand Totals column, will appear. So get your GY totals, by frequency in to be included for that column, the last of the season. Until next time...

Bill

INTERNATIONAL [ACHIEVEMENTS

NORM MAGUIRE 6105 DEL CAMPO PLACE NE ALBUQUERQUE, NM 87109

(29)

| DXer | Location | Coun | VAC | FOR. | <u>T.V.</u> | Nort | h America - Best |
|---------------|----------------|------|-----|------|-------------|------|---------------------------|
| R. Crawford | New Zealand | 161 | VAC | 1329 | 1474 | 357 | YSCF El Salvador 1155 1kw |
| B. Dangerfiel | d Pennsylvania | 117 | VAC | 353 | 430 | 115 | R. Antigua 644 |
| H. Gustafson | Florida | 108 | VAC | 310 | 856 | 68 | WXLS Greenland 850 1 kw |
| R. Anderson | Virginia | 105 | VAC | 514 | 1448 | 227 | AHD Puerto Rico |
| H. Robie | Massachusetts | 90 | | 148 | 263 | 62 | HOK Panama 250w |
| R. Schiller | Texas | 86 | VAC | 381 | 2166 | 260 | ACE Puerto Rico 1200 50w |
| D. Reynolds | California | 85 | YAC | 493 | 1368 | 279 | R. Montserrat 885 250w |
| N. Maguire | New Mexico | 83 | VAC | 560 | 3126 | 289 | ACE 1470 50w |
| E. Cooper | Massachusetts | 78 | | 757 | 4132 | 527 | HP5B Panama 730 100w |
| H. Wilkinson | California | 78 | VAC | 456 | 482 | 138 | St. Pierre 1275 1 kw |
| G. Allen | California | 65 | VAC | 544 | 2895 | 337 | WUMS Ohio 1560 5w |
| A. Rugg | Quebec | 60 | | 179 | 1483 | 76 | WKFE Puerto Rico 1550 |
| R. Leamy | Ohio | 48 | | 116 | 317 | 86 | R. Montserrat 885 250w |
| R. Sperry | Connecticut | 42 | | 249 | 1669 | 216 | ACA Canal Zone |
| S. Dellit | Australia | 37 | | 218 | 362 | 109 | KBBR Ore. 1340 250w |
| R. Carr | Texas | 36 | | 169 | 1175 | 154 | R. Anguilla 1505 |
| R. Kenneally | Ohio | 30 | | 127 | 805 | 100 | JBC Jamaica 700 |
| F. Wheeler | Pennsylvania | 24 | | 189 | 1707 | 179 | KFAR Alaska 660 10 kw |
| W. Powis | Virginia | 23 | | 208 | 312 | 17 | CBK Sask. 540 50 kw |
| P. Swearingen | | 18 | | 53 | 420 | 42 | R. Jumbo Dominica 540 |
| R. Eddie | Missouri | 15 | | 55 | 1028 | 51 | R. Paradise St. Kitts |
| K. Rychalsky | Connecticut | 12 | | 48 | 262 | 46 | R. Belize 834 |
| N. Wolfish | Ontario | 11 | | 10 | 235 | 9 | ?? |
| P. Mount | Ohio | 6 | | 25 | 225 | 22 | WKAQ Puerto Rico 580 |

Welcome to Ray Crawford and to the return of ERC. We have many other NRC members with good totals and would like to have your listings. VAC = Verified All Continents. T.V. = Total veries. Next issue will feature Asia totals and best veries. Hank Wilkinson continues to pull them in and extract veries from the stations. This time, he added a new country with a verie from Truk in the Eastern Caroline Islands. Good DXing and good health. 73, Marm.

BROADCASTING IN GERMANY

Arnim Littek

For those of you in North America who are avid TA DXers, this country permits plenty of opportunity for your reception of Europe. Perhaps some German stations are the easiest Europeans. With that in mind it would likely be worthwhile if the system of broadcasting in Germany were explained.

Everything is different. First of all, the Post Office in Germany is like a combination of Ma Bell and the FCC, in addition to its mail business. It licenses the frequency assignments within Germany, and also sells broadcasters their audio lines, for transmitter links, for news bureaus or special programs, and other sundry reasons.

Then there is the ARD (Arbeitsgemeinschaft der öffentlich-rechtlichen Rundfunkanstalten der Bundesrepublik Deutschland) which is a relatively loose organization binding together most (not all) of the broadcasting units in Germany. The members of ARD are:

BR - Bayerischer Rundfunk HR - Hessischer Rundfunk NDR - Norddeutscher Rundfunk RB - Radio Bremen SR - Saarländischer Rundfunk SFB - Sender Freies Berlin SDR - Süddeutscher Rundfunk SWF - Südwestfunk WDR - Westdeutscher Rundfunk

(30)

DLF - Deutschlandfunk DW - Deutsche Welle

RIAS-Berlin - Rundfunk im Amerikanischen Sektor

The first nine companies were either brought into being by individual state governments, or, as in the case of NDR and WDR, have contracts with the states which they serve. DLF and DW were founded by the national government in Bonn. RIAS is an associate member of the ARD.

Commercial radio, as we in North America know it, does not exist in Germany. Every radio and television set is taxed annually, under a relatively complex set of rules. Currently, the monthly rate is 3.80 DM for a radio, 13.00 DM for a television. No extra charge is added for radio <u>and</u> television and the monthly fee goes no higher than 13.00 DM per household. The funds are collected by the Gebühreneinzugszentrale, who turns it over to the ARD. The money is then split among the Rundfunks according to the number of radios in each region of land. The smaller Rundfunks, such as RB and SR receive disproportionately large divisions of the income, in order that they can make realistic contributions to ARD programming.

Another of the major functions of the ARD is the running of the program switching center in Frankfurt. Programming, both radio and television, is frequently shared among Rundfunks, and it is all sent over land lines. Because of the prohibitively high cost of a complete network among all the Rundfunks, a center was created in Frankfurt, through which all programming is switched. It was a huge expense, but so high are the costs in Germany for landlines that it very nearly paid itself off in its first year of operation (1975).

Most of the Rundfunks have more than one program. In North America it is relatively common for a station to have two programs, one for its AM transmitter and one for its FM transmitter. A standard number in Germany seems to be three. Not all have three programs; for instance, RB, which is sufficiently small that they produce only one program, but most have more. I shall take NDR for example, since I know it best. All three programs are mainly FM networks. NDR has virtually blanket coverage of its region with 17 transmitter locations, each with three transmitters (one for each program). In addition, in Kiel, Harz and Hamburg, there is a transmitter for a fourth program. This program, in various foreign languages, is for the many foreign workers (Gastarbeiter) in Germany. See map.

The foreign language program is of little concern for the MW DXer. NDR program 1 is the only program also transmitted on medium wave, from locations in Hamburg, Kiel, Hannover and Flensburg. That seems to be the case with most of the Rundfunks in Germany. One of their programs is made mono and sent to their MW transmitters. Almost as an afterthought.

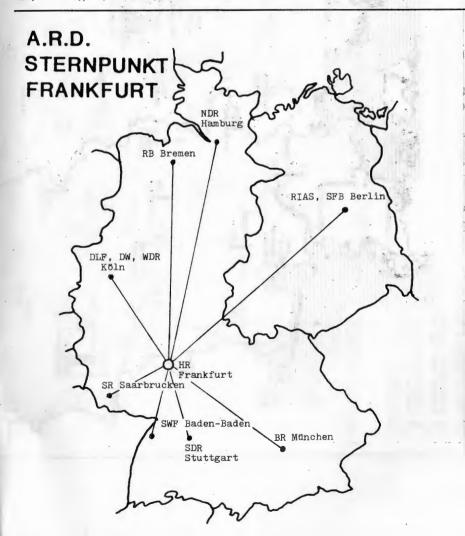
The broadcast stations here are not really 24 hour operations. Normal programming comes to a halt by 2400 or 0100 local time (GMT +1). However, the ARD has arranged that every night one of the Rundfunks produces a night program, which is made available to all the others through Frankfurt. Each day of the week has a different point of origin: (List of 1980)

31

| Monday/Tuesday - | SFB |
|----------------------|------------------|
| Tuesday/Wednesday - | SDR |
| Wednesday/Thursday . | - HR |
| Thursday/Friday - | BR |
| Friday/Saturday - | WDR |
| Saturday/Sunday - | SWF* |
| Sunday/Monday - | NDR ⁴ |

*SWF shares the duties with Saarlandischer Rundfunk (SR). SR does the night show once every four weeks. For 1980 the schedule for SR is: Jan.19/20, Feb. 16/17, Mar. 15/16, Apr. 12/13, May 10/11, June 7/8, July 5/6, Aug. 2/3, Aug. 30/31, Sept. 27/28, Oct. 25/26, Nov. 22/23 and Dec. 20/21.

**NDR shares the duties with RB. RB does the night show every four weeks also. The 1980 schedule for RB is: Jan. 13/14, Feb. 10/11, Mar. 9/10, Apr. 6/7, May 4/5, June 1/2, June 29/30, July 27/28, Aug. 24/25, Sept. 21/ 22. Oct. 19/20, Nov. 16/17 and Dec. 14/15.





VERKEHRSSTUDIO

(34

In North America, it has become something of a common practice for some stations, especially in larger cities, to employ an aircraft for audience information of traffic developments. The Germans have a different approach; the Verkehrsstudio.

Most, if not all the auto radios in Germany can be fitted with tone decoders, which, when they hear a certain combination of tones, perform a function, specifically that of switching the local radio program to its Verkehrs (traffic) program, to inform the driver of the local problem. This system employs FM subcarriers. Traffic information is an integral part of every newscast in Germany also, but the tone decoders are used to switch a network newscast to a more local traffic news studio. It is also used when an emergency occurs, or a problem occurs and no newscast is imminent. In these cases, it can just override normal programming. A different combination of tones switches to a different region. This way the Verkehrsstudio in, say Hamburg, can get out traffic reports to each of the major cities in its domain. Aircraft are used too, but mainly to inform the studio. All information must first be confirmed by the police. A bit of extra German bureaucracy, but its only formality.

DX'ING GERMANY

There are advantages and disadvantages in this for the North American DXer chasing down Europeans. The biggest advantage is the transmitter power race that is always going on. In Europe, the AM band has turned into a very large propaganda instrument. In Germany, the powers go all the way up to a maximum of 1200 kW, that's 2.4 times the power of Bonaire, and almost. everyone in the NRC has heard that! That makes it hard to DX here, but easier to hear Germany in North America. After all, 800 kW on 1593 kHz should get out fairly well....

The difficulties though, are numerous. Non-commercial radio has a lot less identifiable detail. Less stuff like telephone numbers, store advertisements unique to a city, and such like. With the non-commercial radio comes a laid-back CBC-type of attitude to radio. IDs are not pounded out every 5 minutes. If fact seldom more than once an hour, and it is quite possible that that is skipped too.

Modulation levels are generally lower her too. That means audio is harder to pull out of a carrier. There's less audio processing in Germany, too, especially compression. Compression makes the sound seem louder. It's hard to explain so briefly, but a compressed signal is more easily heard than a "natural" signal.

And then, of course, there's language. Europe is a disaster area for languages. In one twist of the wrist, I can tune 25 languages. And to compound the problem, you might get "This is Radio Moscow" or, "Govorit London". Since a lot of these transmitters are propaganda instruments, they very frequently broadcast in non-native languages. For DXing in this situation I can only suggest WRTVH, two aspirin and a heap of patience.

On MW, fortunately, the Germans tend to stick to their own language. Except for the Deutchlandfunk (DLF). But since there are so many German speaking people in Europe (Switzerland, Austria) the language is popular among the international propaganda set. So, be wary....German does not always mean German stations.

CREDITS

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- NDR Hörfunk und Fernschsender in der Dundesrepublik Deutschland und Berlin (West) - collected by Measuring and Monitoring Station Wittsmoor editor: Walter Fiegerbaum.
- Rundfunk Sender im Langwellen und Mittelwellen Bereich (taken from "Final Acts of Regional Administrative LF/MF Broadcasting Conference, Regions 1 and 3, Geneva 1975"), version Nov. 23, 1978.
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GERMAN RADIO

January 1980 (520 - 1602 kHz)

(35)

| Freq. | Place | <u>Affiliation</u> | Power (kW) | Remarks |
|--|----------------------|--------------------|-------------|---------------------------|
| 520 | Hof | BR | .2 | |
| 5 | Wuerzburg | BR | .2 | |
| 531 | Greifswald | DDRI | 10 | |
| | Leipzig | DDRI | 100 | |
| 549 | Nordkirchen | DLF | 100 | (under constra) |
| 507 | Thurnau | DLT | 20 | (under constr.) |
| 558 | Neubrandenberg | DDRI | | |
| مرر | Rostuck | DDVT | 10 | 1 - 1 - 1 |
| 567 | Berlin | SFB | 10 | (part time only) |
| | Schwerin | | 100 | |
| 576 | Stuttaont | DDRI | 250 | |
| rok | Stuttgart | SDR | 300 | |
| 594 | Frankfurt | HR | 400 | |
| | Meissner | HR | 100 | |
| 503 | Koenigwusterhausen | DDRI | 20 | |
| 630 | Dannenberg | SFB/NDR | 10 | |
| 57 | Neubrandenburg | BRF | 20 | Burg (250 kW days from |
| 657 666 | Boderseesender | SWF | | (250 kW days from |
| 3/0 | Hof | | 180 | (300 kW days) |
| | Berlin | RIAS | 40 | () |
| 27.531A. | | BRF | 250 | (DDR) |
| 702 | Aachen | WDR | 1.2 | (5 kW days) |
| | Flensburg | NDR | 1.2 | (5 kW days) |
| | Herford | WDR | 2 | () An uays) |
| | Siegen | WDR | 2 | |
| 11 | Bopfingen | SDR | .2 | |
| | Heidelberg | SDR | -4 | |
| | Heilbronn | SDR | 5 5 5 | |
| | Ulm | | 5 | * |
| | Wertheim | SDR | 5 | |
| 20 | | SDR | .2 | |
| 20 | Holzkirehen | RFE | 150 | |
| 100 | Langenberg | WDR | 200 | |
| 29 | Putbus | | 10 | (part time only) |
| [,] 56 | Braunschweig | DLF | 200 | (800 kW days) |
| Cirrentia) | Ravensburg | DLF | 100 | (|
| | Burg | VDR | 250 | (DDR) |
| 801 | Dillborg | DD | | |
| .01 | Dillberg München | BR | 50 | |
| 10 | | BR | 420 | (450 kW days) |
| | Berlin | BBC | 5 | (German) |
| 28 | Freiburg | SWF | 40 | |
| | Hannover | NDR | 5 | (40 kW days) |
| 5/252 | Kiel | NDR | .5 | |
| 33 | Berlin | RIAS | .5 | |
| | Koenigwusterhausen | DDRI | 100 | |
| 36 | Bremen | RB | 100 | |
| | Bremerhaven | RB | 100 | |
| 72 | Bonn | | 5 | |
| | | WDR | 5 | |
| | Hamburg | NDR | 300 | |
| 90 | Kleve | WDR | 3 | |
| 90 | Berlin | RIAS | 300 | |
| 0.0 | Hof | RIAS | 40 | |
| | Hoyerswerda | BRF | 20 | (DDR) |
| 1 | Schwerin | BRF | 20 | (DDR.) |
| Contraction of the local division of the loc | Weimar | BRF | 20 | (DDR) |
| 017 | Wolfsheim | | | A MARY |
| 044 | Wolfsheim | SWF | 600 | |
| 0.1.4 | Burg | DDRI | 20 | |
| | Dresden | DDRI | 250 | |
| ATR CT | Wachenbrunn | DDRI | 250 | |
| 107 | Berlin | AFN* | 10 | (ATT AFM -+-+ |
| | Grafenwoehr | AFN | 10 | *(All AFN stations |
| | Kaiserlautern | AFN | 10 | (are in English |
| | THE TOULTUNE OCT !! | UT. IN | | |
| | | ATON | 10 | |
| | München Nuernberg | AFN AFN | 40 10 | |

| req. | Place | Affiliation | Power (kW) | Remarks |
|------|-----------------|-------------|---------------|--------------------|
| 440 | Ded Viccincon | AFN* | .25 | (All AFN stations |
| 143 | Bad Kissingen | AFN | .25 | (are in English |
| | Bamberg | AFN | .25 | |
| | Bitburg | | 5 | |
| | Bremerhaven | AFN | .25 | |
| | Fulda | AFN | | |
| | Giessen | AFN | .25 | |
| | Goeppingen | AFN | .25 | |
| | Heidelberg | AFN | 1 | |
| | Hersfeld | AFN | .25 | |
| | Hof | AFN | 1 | |
| | Karlsruhe | AFN | 1 | |
| | Stuttgart | AFN | 10 | |
| | Wertheim | AFN | .25 | |
| | Wildfleck | AFN | .25 | |
| | Wuerzburg | AFN | .25 | |
| 1100 | Plauen | BRF | 5 | (DDR) |
| L170 | Reichenbach | BRF | 5 | (DDR) |
| 400 | München | VOA | 5 5 300 | |
| 197 | Neumuenster | DLF | 600 | |
| 1269 | | RV | 150 | (DDR) |
| 1323 | Nauen | RV | 100 | (DDR. 250 kW days) |
| 1359 | Berlin | RBI | | (DDR; 2)0 All ddje |
| 1413 | Bad Mergentheim | SDR | 2 | |
| | Buchen | SDR | .3 | |
| | Heidenheim | SDR | .3 | |
| 1422 | Saarbrücken | SR | 600 | (1200 kW days) |
| | | BRF | 20 | (DDR) |
| L431 | Bernberg | BRF | | (DDR) |
| | Karl-Marx-Stadt | BRF | 5 5 | (DDR) |
| | Seelow | BRF | 20 | (DDR) |
| | Wachenbrunn | SFB | 5 | (2211) |
| 1449 | Berlin | | More or le | ss 1 kW X 12 |
| 1485 | Anklam +11 | DDRI | | 00 1 MH # 10 |
| 1539 | Mainflingen | DLF | 700 | |
| 1575 | Dresden | BRF | 5 | (DDR) |
| -)() | Beeskow | BRF | 5 | (DDR) |
| | Keula | BRF | 10 | (DDR) |
| | Weida | BRF | 5 | (DDR) |
| 1584 | Bad Doberan +8 | DDRI | More or le | ss 1 kW X 9 |
| | Langenberg | WDR | 800 | |
| 1593 | Angermuende +12 | DDRI | | ss 1 kW X 13 |
| 1602 | Angermuende +12 | DUNT | | |

Affiliation abbreviations:

DDR = East Germany

AFN - American Forces Network

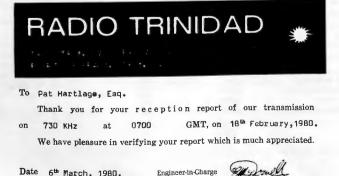
BBC - British Broadcasting Corporation

BRF - Berliner Rundfunk

RBI - Radio Berlin International

RV - Radio Volga VOA - Voice of America

Other abbreviations are found on first page of this article.



Date 6th March, 1980.



HUMPLER 4NK8

over the years, DXers have all wished, at one time or another, that someone would build the "ideal" BCB receiver. Until now, many attempts have been made, but none have been thoroughly satisfying. Now, we are happy to announce the Humpler 4NK8. Packaged in a handsome corrigated cardboard carton, this set is only available by mail. It operates on AC/DC; it's self-contained, has rechargable batteries or operates from its own solar panel. (If the user wishes to DX at night, he can then unfold the selfcontained sunlamp and reflector in order for the solar cells to operate with the added benefit of allowing the user to obtain a suntan while DXing Florida).

Seriously, upon first seeing one, the impression one gets is like that of seeing the Grand Canyon (or. Cleveland) for the first time. The sleek, silver-grey plastic housing is accented by a "black-out" dial, a light blue control panel, masculine chrome knobs, and grille-cloth by Halston. There are several trap doors on the top of the cabinet. These doors contain the shielded ferrite antenna, a collapsable whip, the solar panel, and the sunlamp. On the back-side, there are the usual output jacks and a couple of "new" ones (which will be described later), and an indentation where the power cord comes out (the cord itself is on a retractable reel, similar to those found on vacuum cleaners). The whole set rests on four rubber feet and weighs in at 14 pounds (metric is not used on this set as it would look rather silly resting on four rubber "meters").

Manufacturer's specifications are:

| Band coverage | 500 - 2000 kHz (in one band) |
|--|--|
| Sensitivity | Very: don't shout at it |
| Selectivity (at -6db <u>and</u> -60db) | 2kHz, 4kHz, 10kHz, and 15kHz (switchable) |
| Signal/noise (all stages, total) | -100db with power switch on "off" |
| IF rejection | 100db |
| Image rejection | 100db |
| Total harmonic distortion | 0.00% with power switch on "off" |

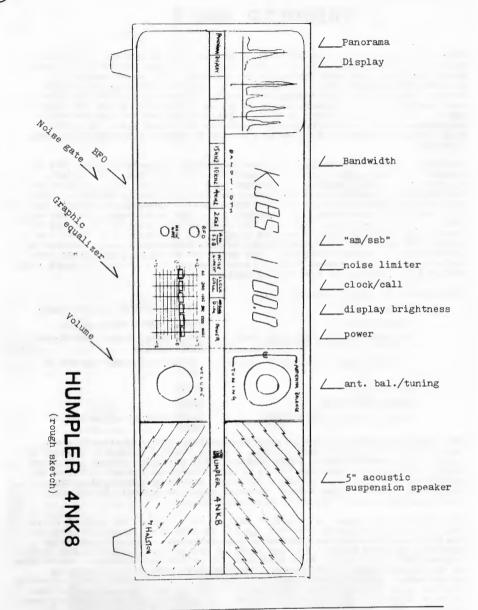
Additional features: Built-in graphic equalizer, noise limiter/blanker, oscilliscope tuning/panoramic display, clock, digital frequency readout to 0.1kHz, programmable call-letter display, BFO, built-in antenna (shielded ferrite and whip to make use of the altered reception pattern obtained by using whip and loop), solar panel, sunlamp, am/ssb dectector, display brightness control, tape output, external amplifier output, IF output, headphone jack, and 5" acoustic suspension speaker.

With spec's like those, we couldn't wait to try it out. We decided to use the built-in, rechargeable battery pack. No need to flip any switches as the built-in circuitry automatically switches power sources to whatever supplies the most power: for instance, if the set is plugged in and there's a power failure, the set will automatically switch to batteries. We hoisted up the antenna (a 15" shielded job on a hydraulic-dampted, telescoping swivel mount) and depressed the power button (which promptly lit, indicating the set in operation). The frequency readout and call-letter readout came on in a bright green, fluorescent glow, and the oscilliscope instantly came to life. Unexpectedly, a rich, mellow sound came out of the 5" acoustic suspension speaker. Wow! Sound like that only until now, found on expensive stereos and "state-of-the-art" consoles from the late 30's. Something was wrong, however. The testing session was right in the middle of the day, and. according to the frequency, we were tuned to Denver, only receiveable here during the night. It was coming in like a local! Frequency readout said 750.0kHz, the graphic equalizer was set for "flat", bandwidth was "4kHz". noise filter/blanker was "in", and the clock said 1323:05. Incredible !!

We played around with it a little bit more and found it was no mistake: the set performs as well during the day as all the other sets perform at night! The dual-conversion Rice i.f. strip (based on Uncle Ben's principle) really does the trick. The near-perfect i.f. rejection eliminated all slop

(37)





MORE YAD ...

YAD-80 IS COMING! MAKE YOUR PLANS NOV! WHERE ELSE CAN YOU HAVE SO MUCH FUN FOR SUCH A SMALL REGISTRATION FEE (\$ 23,660.98). MEET ALL THE RICH NRC'ERS, SEE: KREJNY ACTUALLY DX! SEE: AL MERRIMAN FALL DOWN! SEE: RON MUSCO STAND UP! SEE: IF 'MYNE HEINEN'S V.V. MAKES IT FROM COLORADO! SEE: THE COUNTRY'S RAREST DX-CATCH STATION! SEE: DEAD STEEL MILLS! SEE: SAU! SEE: NOTE! SEE: BEE! SEE: SHARP! SEE: SHORE! SEE: RATIONS! SEE: MO SEE: LEVE! SEE: SI SENOR! ALL AT YAD-80 IN YOUNGSTO'N OHIO ON MEMORIAL DAY WEKEND. FOR MORE INFC, SEE: JERRY STARR, 'MSRD RADIO, 401 N. BLAINE, YOUNGSTOWN, OH 44505. STE IF YOU CAN BE THERE. WE WANNA SEE YOUR FACE IN THE PLACE! from locals. The logic-controlled r.f. <u>never</u> overloaded, avoiding the need for an attenuator. The 50:1 tuning ratio made tuning a breeze, and the graphic equalizer brought those ID's right out in the open.

The antenna system is rather unique. It uses the principle RDF's use. Basically, there's a loop and a whip. This combination allows the user to actually control the pick-up pattern of the antenna, by adjusting the "antenna balance" control, which is dual-concentrically mounted with the tuning knob. One tunes in a station, rotates and tilts the loopstick, twiddles with the balance knob for best results, and merrily logs new stations. The significance here is when there are two stations on the same frequency, 180 degrees apart, and you can't null either one out. By adjusting the balance control, it is possible to re-shape the pick-up pattern to actually null out one of the stations: the net neffect is that you have a "cardiod" pick-up pattern. The only problem is that the side nulls loose depth, but with the set's fantastic selectivity, that is really no problem.

The oscilliscope indicator is a real boon to DXing. In "panorama", the display shows a bandwidth (horizontal axis) of 30kHz. The centerline of the scope shows where the set is tuned. The frequency tuned appears as a peak in the center. If there happens to be any adjacent stations, they will show up, also, as peaks, however many kHz they are away from the tuned frequency. This makes tuning a snap. Just watch those peaks. Also, the vertical axis indicates relative strength of the signals.

Pushing the "clock/call" button, the clock becomes a call-letter indicator, which the user programs to readout the appropriate call-letters for any given frequency. This operates in a similar fashion to an expensive FM receiver currently on the market. The alpha-numeric display is good for all 26 letters of the alphabet and numbers from 0 to 9.

And speaking of fashion, the grille-cloth by Halston will certainly allow this set a place in any living room.

The controls for adjusting the oscilliscope and for programming the clock/call-letter display are behind a hinged door under the oscilliscope. Bandwidth controls, display controls, "am/ssb" switch, noise-limit switch, "call/clock" switch, oscilliscope functions, and power switch are all mounted in a neat row across the front of the set between the blackout dial and the control panel.

So, just how good does the set operate? How does it compare to anything else on the market? In the words of its producer, Ewell Humpler, "Just ask any April Fool!"

Is this really necessary?

EDITOR: In a few days, the U.S. government will meet in Buenos Aires to convince South Americans to convert to 9 khz AM spacing. They will claim "bad interference" if we don't switch, claims based on theoretical projections that don't seem to fit reality.

Note that Europe has been on 9 khz spacing through three sunspot minima already, and there is no record of interference occurring in the Northeast due to European signals. It's equally improbable that harmful interference will occur in South America due to African interference, noting Africa went to 9 khz spacing at a 1966 Geneva conference and for the past decade no interference to general listeners is reported except for one or two freak occurrences.

In the absence of a pressing need of their own, is this vague threat of interference by itself enough to convince other Region 2 governments to make a change that many North American broadcasters don't want?

It's ironic that no attention is paid to the real threat to good reception quality on AM—poorly designed TV receivers that radiate sweep oscillator harmonics, and noisy electrical machinery. This accounts for practically all the noise pollution on the AM band. This is the real technical threat to wider-bandwidth AM radio's attempt to catch FM, and to AM stereo, and I question whether the newer detectors for AM stereo can handle this noise problem.— *Robert Paworth, New York.*



roedcasting Mar 3 1980



39

STRONG SIGNAL HANDLING

Chuck Hutton

In the October 1975 issue of <u>Ham Radio</u>¹ James Fisk makes a statement which I think contains the most important principle needing consideration by the MW DX'er seeking a receiver suited for his somewhat unique needs. His statement is: "Why design a high frequency receiver for extraordinary sensitivity when its performance is limited by external noise over which you have no control? A very sensitive receiver is more prone to intermodulation and cross-modulation effects, and these may be more important".

Indeed for the broadcast band DX'er, strong signal handling is likely to be the <u>most</u> important quality of his receiver. To those accustomed to judging a receiver in terms of sensitivity and selectivity, this may come as somewhat of a surprise. In order to explain the wisdom behind Mr. Fisk's words and justify the above statement, let us now take a look at just what dictates the reception of a station at MW frequencies.

I. Selectivity

If you were to install a mechanical filter in your rx or purchase a receiver with an excellent crystal lattice filter or mechanical filter, you would expect top-notch selectivity and the accompanying ability to DX up close to the locals. This is not guaranteed, however. When considering selectivity, two major factors tend to be ignored: ultimate rejection of the filter. and where in the receiver (electrically) the filter is located. Ultimate rejection of a filter is defined as the greatest amount of signal that will be rejected; this value is a function of the charactistics of the filter and the amount of signal that leaks around the filter and appears at the input to the next stage. Figure One is a diagram of the selectivity of a good quality ceramic filter, an average crystal lattice (8 pole) or mechanical filter, and the best quality mechanical filter available. One can easily see that the ultimate rejection of (a) is around 40 dB, of (b) around 70 dB, and (c) around 90 dB. Now what does this mean in terms of practical performance? As the average S-meter is calibrated to a standard of 6 dB/S-unit, filter (a) will totally reject only an S7 signal, (b) only a S9+16 dB signal, and (c) a S9+36 dB signal. As we are interested in strong signal handling, we can see that (a) will handle no locals, (b) might handle the weaker ones, and (c) will handle most of them. We will discuss the importance of this situation a bit later on when we devote our attention to strong signal handling by itself. Let us now return to where in the receiver (electrically) our filter is located. The chief consideration here is the old adage "place maximum selectivity in front of maximum gain", or, "put the selectivity as close to the antenna as possible". Why? Because the more stages that are exposed to a large number of strong signals, the more the receiver will suffer the effects caused by strong-signal overloading. Ideally, the selectivity should come at the first mixer output that is at the center frequency of the filter. Therefore, one stage may precede the filter in a receiver with no RF stage and single conversion, or as many as six stages in the case of a dual RF stage, triple conversion receiver with the filtering located after a stage of amplification at the final IF. Receivers have been built with both extremes! With the latter scheme, the strong signal damage is done before the sharp filter gets a chance to do its job and remove the unwanted numerous signals. This particular situation is even more undesirable than it sounds because certain types of distortion caused by strong signals increase 3 dB as the strong signal level increases by 1 dB; therefore if we have 30 dB more gain in front of the filter with the 6-stage scheme, we may possibly have 90 dB more intermodulation distortion (a term to be explained later).

II. Sensitivity

Briefly in the discussion on selectivity, we touched on what happens when there is an excess of gain in front of the filter. This situation may also occur if the receiver has too much sensitivity for MW DX. Impossible, you say? The more sensitivity, the weaker the signal that can be heard? You are thinking in terms of a signal that does not have to compete with either man-made or natural noise, both of which are at very significant levels at MW frequencies; these levels in fact are higher at MW frequencies than at SW frequencies. The required sensitivity of a MW receiver will be, on the average, almost <u>100</u> times <u>less</u> than that required for DX on the 10 meter ham band at 29 mHz. A good range of sensitivity for MW DX is the 10-20 uv area. A full discussion of why this is the case would take up too much space and bog the article down with figures and graphs; the interested readers can find all the information needed on man-made and atmospheric noise levels in the material referenced in the appendix. Particularly useful are the Fisk article, the CCIR report, and the Skomal book.

If you are using a receiver with "good" sensitivity by modern standards (less than 1 uv), you should be thinking hard about what Mr. Fisk had to say at the beginning of this article. Your situation is the dangerous one he refers to, with even more emphasis, as what he had in mind of course refers to situations likely to be encountered on the ham bands. The MW situation is much more difficult; while a ham might complain if he lives within a mile of a few friends running the 1 kw legal limit, we must contend (assuming an urban location) with 50 kw NSP locals and a total of perhaps 20-30 stations all running the same power or more than the ham is allowed. In addition, the MW DX'er is often interested in hearing a station only 5 or 10 kHz away from a very strong local. The ham can exercise the option of moving his frequency away from the interference. Hardly a viable option on the BCB We are thereby in an unfortunate position: the MW DX'er needs better strong-signal handling than possibly anyone else, but also suffers from a great deal of unneeded sensitivity that is detrimental to strong signal handling.

III. Strong Signal Handling

So far we have made reference to two parameters that may make a receiver handle strong signals in a poorer fashion than the receiver is basically capable of. Or rather, then the mixer(s) is/are capable of. It is in the mixer that most unwanted effects are produced. The RF stage (if used) may contribute to the problems to be outlined below but this is usually secondary as the signal levels are higher in the mixer(s) and this leads to a greater concentration of problems, in addition to the fact that by nature, the mixing process is prone to produce certain unwanted products. To describe the basic strong-signal handling of a receiver, let us launch into a basic description of some terms that are applied to mixer performance.

When a non-linear device (a mixer as opposed to an ideal amplifier) is presented with two frequencies, the unfortunate by-product is a complicated assortment of new frequencies. For example, take f, of 750 kHz and fo of 790 kHz. Intermodulation distortion (the process referred to above) will produce a plethora of unwanted signals at frequencies related to the originals with definite mathematical relationships. The third-order intermodulation products will fall at 830 and 710 kHz, the frequencies where I note an unfortunate jumble of audio from superlocal WSB-750 and local WQXI-790. The importance of third-order IM products is that: as the desired frequency levels are increased, the third-order IM products increase, but for every 1 dB increase in the input level, the IM level at the output increases by 3 dB. Taking that fact into account, it becomes apparent that as the input level to the mixer increases, a point will be reached where the level of the undesired IM products will be equal to the level of the desired input frequencies. This point is referred to as the third-order intermodulation level intercept point. A mouthful of a phrase indeed, but a very important term to become acquainted because it is the internationally recognized standard of performance for mixers and an excellent way for the DX'er to evaluate the strong-signal handling of his receiver. A top quality receiver will specify this data, as the manufacturer will be aiming for a market that both wants and understands strong signal handling. An average receiver is not likely to include this data with its advertising specs because the intended market is not likely to be familiar with such terms.

Figure Two illustrates the process by which the third-order IM intercept point is established. As seen by examining the portion of the graph near the intercept point, a real-life amplifier goes into a condition known as "gain compression" before it is actually possible to establish the intercept point. Interpolation is used to establish . the intercept point once the data at other levels has been obtained. Gain compression is mentioned because it has a practical effect on DX'ing; when your receiver is tuned to a wanted, weak station near in frequency to an unwanted, strong station, the result is an apparent weakening in the level of the weak station. An example would be DX'ing for R. Melodia, Quito on 735 kHz while WSB-750 is on the air. Melodia appears quite weak while WSB's carrier is on the air, not because WSB is interfering in a direct sense, but because WSB is so strong here that their RF is exceeding the bias on either the RF or mixer stages. This drives the grid into conduction which reduces gain and increases distortion. When discussing gain compression, the standard is the 3 dB compression point; this usually occurs 10-15 dB below the intercept point.

Cross modulation is yet another type of amplitude distortion caused by strong signals. It is defined as the transfer of modulation from an undesired signal to a desired signal that the receiver is tuned to. Cross modulation is unrelated to the desired-signal level, instead being proportional to the square of the undesired signal level. A pleasant effect of this relationship is that if you can afford to place 5 dB of attenuation in front of the receiver (an RF attenuator such as supplied on the FRG7) cross modulation will be reduced by 10 dB. With a sensitive receiver (and therefore too much gain for the MW band) it is often quite feasible to do just this. Cross modulation can be related to third-order IM intercept point by the equation

$$m/m' = (P_{in}/4P_{c}) -\frac{1}{2}$$

where: m/m' = ratio of cross-mod transferred from the larger signal to the smaller one

P_{ip} = intercept point power

= interfering signal power

and cross-mod in dB is m/m'(dB) = 20 log(m/m')

This formula is included in order to allow interested DX'ers to compare third-order IM intercept point (the usual standard) to crossmodulation levels (sometimes specified instead)

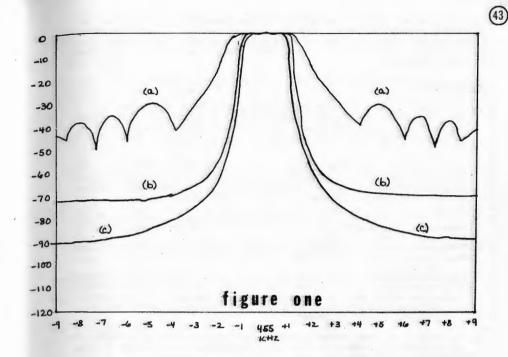
The last strong signal concept to be discussed is dynamic range. This is an attempt to specify the <u>range</u> of signals that the receiver is capable of handling. In other words, the range from the weakest signal that can be used to the strongest signal that can be handled. It is an important value to specify because it demonstrates the ability of the receiver to handle both situations; a receiver may be able to handle extremely strong signals simply because it has very little gain (and therefore less sensitivity) ahead of the mixer. A receiver that handles a 100 mv signal by applying it straight to the mixer is obviously inferior to a receiver that can also handle a 100 mv input signal but also sends it through a stage of amplification before it proceeds to the mixer.

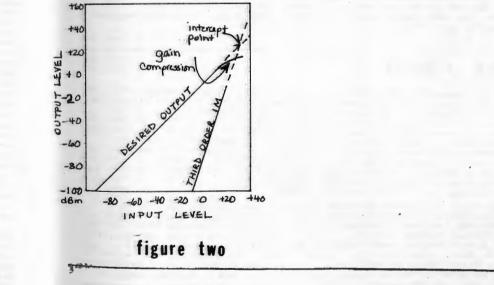
IV. How to Achieve Strong Signal Handling

So far we have touched on the above in relation to RF stages (don't have more sensitivity than you actually need) and IF stages (use filtering that will be effective against strong locals). Our discussion of the heart of the matter-the mixer(s)-has been limited to terms used to quantitate mixer performance. Back-tracking a bit, we should also take note that at MW frequencies, the RF selectivity can be very important to the mixer. A large number of high-Q tuned circuits ahead of the mixer is going to prove beneficial to the receiver. A practical example is the R390A, which features an elaborate network of mechanically tracked tuned circuits of high Q and moderate loss. This situation is excellent for MW DX, as the mixer(s) are thereby protected to some degree from many unwanted strong signals.

The heart of the matter is the performance of the mixer itself. Different mixers have third order IM intercept points ranging from -40 dBm to +30dBm. A -40 dBm level mixer will manifest itself in a MW band full of cross-modulation, third order intermodulation, and slop from locals. A +30 dBm level mixer will provide performance almost totally free from said effects as it will prove close to impossible to overload such a mixer. With no RF stage ahead of the mixer (not only possible but desirable for MW and most SW frequencies) we are talking about close to a volt of RF before performance is impaired. A mixer like this is obviously no ordinary mixer; it is a doublebalanced Schottky diode mixer developed for specifically this purpose. A poor mixer is typified by a bipolar transistor and a fair mixer by a tube or good FET design. A balanced FET design (such as used in the FRG7)will yield improved performance over that of a single semiconductor, but performance will still fall far short of a double balanced diode mixer. This type of design has been incorporated in many new high-performance receivers such as the Drake R7, the Dymek DR series, the new RACAL receivers, and the Rohde and Schwartz receiver. A good way for you to get a feel of what this type of mixer can do would be to proceed to the nearest ham outlet that carries Drake equipment and give the R7 the once-over.

You may have noticed that these receivers carry hefty price tags. This is not because of the mixers! Basic double balanced mixers start at less than \$5 to the experimenter, with the high-performance types ranging up to \$25. Considering the price reduction manufacturers of receivers will obtain, it is likely that in the very near future, we will see moderately priced receivers featuring these mixers.





STILL MORE YAD

PICTURE YOURSELF IN YOUNGSTOWN, OHIO. PICTURE YOURSELF WITH MANY OTHER DX-ERS ALL IN THE SAME ROOM. PICTURE YOURSELF AT YAD-BO. NO, IT'S NOT A BAD DREAM, IT'S TRUE. MAKE YOUR PLANS NOW FOR THE BIGGEST, BEST YAD YET. FOR MORE INFORMATION, CONTACT: JERRY STARR, "SRD RADIO, 401 NORTH BLAINE AVENUE, YOUNGSTOWN, OHIO 44505. MAKE YOUR PLANS FOR THE MEMORIAL DAY VEEKEND IN YOUNGSTOWN NOW! THIS GFFER MAY NOT BE REPEATED. I REPEAT, THIS OFFER MAY NOT BE REPEATED. The best way for you to obtain further, more detailed information on strong signal handling is to obtain good references and read them at the pace correct for your interest and knowledge. The material listed is not overly technical and should allow the reader to go farther than is possible here.

References

- "Receiver noise figure, sensitivity, and dynamic range-what the numbers mean", <u>Ham Radio</u>, October 1975. A thorough and knowledgable digest of receiver parameters. By all means obtain a copy of this article through your local library or the back issues available from HR.
- "Man Made Radio Noise", Edward N. Skomal, Van Nostrand Press, 1978.
 For those wishing to pursue further the subject of atmospheric and man-made noise in order to draw conclusions about receiver sensitivity needed on the MW band. Contains many excellent graphs.
- 3. "Atmospheric Noise and Receiver Sensitivity", <u>QST</u>, November 1969. Introdúces the reader to the CCIR charts and receiver noise figure.
- 4. "Receiver Sensitivity", QST, September 1969. A companion article to the above.
- 5. "World Distribution and Characteristics of Atmospheric Radio Noise", CCIR Report 322, International Radio Consultative Committee (CCIR), 1963. The bible for those interested in Atmospheric and man-made noise. Comprised of charts of noise levels for radio frequencies by location, time, and season.
- 6. "Get the Most From Mixers", Mini-Circuits Laboratory, Brooklyn, NY. An incredibly informative publication giving detailed data on the double-balanced diode mixers.

In addition, there have been a good number of articles published in the amateur press over the past 5 years that deal with receiver front ends. The best single source of these is <u>Ham Radio</u>; the yearly receiver issue is worth the cost of a subscription alone.

THEY JOINED

Göran Eriksson, FREGATTVÄGEN 10, 3 tr, S-181 37, LIDINGÖ, Sweden Major Ron Hammer, 821 Elisa Way, Roseville, CA 95678 Maurice J. Rubino, 10 Huckleberry Ln., Sharon, MA 02067 Tom Jackowski, 8 Marcia St., Parlin, NJ 08859 Thomas L. Jones, 28 Minot Ave., Acton, MA 01720 Michael Roth, 41 Cedar Spring Road, Milford, CT 06460 Edd Buttell, 264 Mount Hope Rd., Apt. 26, Mansfield Center, CT 06250 Peter Osroff, 2442 East 26th St., Brooklyn, NY 11235 Charles S. Hadley, 1191 Shore Rd., Cape Elizabeth, ME 04107 Raymond Drier, 5662 Leete Road, Lockport, NY 14094 E. O. Plenty, Box 1, Lick Creek, KY 41540

We also want to acknowledge those of you who had the guts to stay with us: University of Manitoba DX-SWL Club, Thomas J. Cieslewicz, Patrick Golembiewski, Michael Albanese, Jerry Conrad, Larry VanHorn, Edward Bates, Randy Seaver, Gorman Cantrell, Oliver P. Ferrell, Jim Reilly, Dennis Perkins, Edward Paulsen, Jeff Weinbrum, Dale Wolf, George Santulli, III, John E. Marx, James Phillips, Bertram Podall, Paul Buehler, Relfe Luton, Martin Foltz, Arnim Littek, Carrol Bailey, John Schmelzer, Paul Swearingen, Harry Waldron, G. Harley Deleurere, John Shiels and J. Michael Coughlin.

YOU GUESSED IT

REMEMBER FUST? REMEMBER ANGST? REMEMBER INSIPID? REMEMBER ALPHONSO DEDOYA? REMEMBER YAD? IT'S HAPPENING AGAIN, MEMORIAL DAY WEEKEND IN YOUNGSTOWN, OHIO, REMEMBER YOUNGSTOWN? IF YOU'RE COMING TO YAD, LET US KNOW. CONTACT: JERRY STARR, WSRD RADIO, 401 NORTH BLAINE AYENUE, YOUNGSTOWN, OHIO 44505. REMEMBER YOUR NAME? YOU WON'T!

VERIE SIGNERS E - Juergen Trochimczyl

F - Jeff Falconer

G - Dave Yocis

A - Ray Arruda

E - Wayne Heinen

C - Niel Molfish

Varme Mattser

| yk | H. | - | Stan 1 | lorss |
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| | | | | - | 1070 | | | |
| 540 | KNAK | 1 | Ers. Norma K. Farnsworth, Tr | | 1070 | KENR | 1 | Ron Haney, CE B |
| 560 | KLVI | lm | Stephen Sandlin, CE | E | | WDIA | f | "Engineering Dep't." B |
| 570 | CKSW | 1 | Ken L. A. Burgess, A | D | | CKST | 1 | Ron McLeod, GM D |
| 580 | CKY | 1 | G. Buzunis, E | B | 1080 | WVCG | 1 | Jack G. Lovelady, DoE E |
| 590 | WOW | 1 | Eric Foxx, Op M | D | | WEY O | lqm | |
| | KLBJ | 1 | Fred C. Hill, VPoE | E | 1090 | CHEC | 1 | R. E. Sillito, DoE B |
| 600 | KSJB | 1 | Harvey G. Van Erem, SM | D | 1110 | CHQT | f | Robert Hunter, CE B |
| | WREC | 1 | Howard Moran, CE | E | | WTIS | 1 | Matthew L. Burt E |
| 610 | WIP | lm | Philip Harris, CE | G | | WSFW | lbrc | Criss Onan, SM J |
| | CKYL | 1 | Richard Rafferty | D | 1130 | WGUF | 1 | J. W. Newman, CE E |
| | WIOD | g | u/u | E | 1150 | WBAG | 1 | Jack Starnes, GM E |
| | WH YN | 1 | Jeff Blackwell, PD | E | | CKIQ | 1 | George J. Young, E D |
| | WSLS | 1 | George Gillock, PD | E | 1170 | WCOV | 1 | Philip B. Witt, CE F |
| 620 | WTMJ | 1 | Stephen Wexler, SpclAsttoPro | MD | 1220 | WENC | P | William F. Rogers, CE A |
| 660 | VESC | 1 | Connie Glennon, S to CE | E | | TOMN | ì | Win Suitor, CE H |
| | KCRO | lm | Jerry Sorenson | F | | WKMT | 1 | Jonas Bridges, GM E |
| 710 | WGBS | f | John E. Morris, CE | E | 1230 | WGGG | | German) Thomas Calato,M E |
| 1-0 | WROM | f | John Steadham, CE | A | | KINO | 1 | Loy Wayne Engelhardt B |
| | WDSM | 1 | (Carl G. Williams, CE | D | 1240 | WBAX | 1 | Robert P. Moran, CE A |
| | | | (Pat Puchalla, ACE | D | | CKIM | 1 | H. G. Feltham D |
| 700 | W.LW | 0 | u/u | G | 1250 | VDAE | qm | W. Wilson Welch, CE E |
| 700 | WIRJ | 9 1 | Tony Reeves, GM | E | | KBRF | 1 | Harry Howard, CE F |
| 740 | KSEO | lm | David L. Anderson, CE | E | | KCUE | rm | George L. Brooks, O F |
| 750 | | | George Fischer, PD | G | 1280 | WANS | 1 | James Graham, CE E |
| 760 | WSB | q | Judy Harper, Trf Clerk | A | 1300 | WCJL | lm | James R. Callow, CE, GM F |
| 760 | VCPS | C | | F | 1900 | WQPM | r | u/u, CE F |
| 790 | WETB | lm | Donald Gibson, PD | E | 1330 | KWWL | - | Edward M. Tink, ExecVP F |
| | WPFA | 1 | Donald Griffith, GM | | | | lm | |
| | KCAM | 1 | James M. Andrews, SM | D | 1340 | WCBQ | lm | |
| | CFNW | 1 | James O'Rourke | D | | WTIF | lm | |
| 810 | KWSR | ul | C. N. Price, GM | B | 1750 | WOKE | q | Harry C. Weaver, P,GM K |
| 850 | WRAP | 1 | (David Gibson, CE | A | 1350 | CKAR | 1 | John Smith, Prod M H |
| | | 1 | (B. Gibson, CE | . A | | WZIX | q | John R. Hess, CE C |
| | WHDH | q | u/u | J | | V.SMB | q | u/u, CE F |
| | KOA | g | u /u | J | 1360 | WAPR | 1 | Robert D. Stochr, P E |
| 860 | WAZE | rm | Carl J. Marcocci, P | E | | KBUK | r | John E. Bacho, CE E |
| 870 | WWL | 9 | C. De Cota | G | | KLRS | lm | Tammi Greer, Bkpr, TrfM F |
| 880 | WCBS | q | u/u | G | 1370 | WAXE | 1 | Katherine Robinette, OM E |
| 890 | V.HNC | 1 | (Ken Abbott | E | | WCOA | f | u/u, E E |
| | | 1 | (Mike E. Smith | A | | WSAY | 1 | Annette C. Capitano, M A |
| 900 | WSWN | 1 | u/u | E | 1400 | WEPT | lm | George E. DeVault.JrVP E |
| 910 | KINA | lh | E. Joseph Eck, CE (A10A) | в | 1420 | RTOE | lm | Bud Quimby, CE F |
| / | KLCN | u | Richard C. Dunier, CE | J | 1430 | WKEX | ul | Jeffrey G. Bevis, CE E |
| 920 | WGST | q | Milton C. Thurlow, CE | E | | WBEV | 1 | W. John Klinger, P,GM F |
| 930 | WSOC | q | William Huffautler, CE | F | 1470 | WSAN | q | u'u, Tech Sup'r. C |
| 110 | CKNS | | Mike Edwards, PD | J | 1490 | WDXL | ul | Ben Enochs, M E |
| 940 | WMAZ | pu | W. D. Sowell | J | | WSTP | lq | Fred J. Ostwalt Jr., CE E |
| 950 | WWJ | | Thomas H. Montgomery, CE | D | | WJNL | | William P. Caramana, CE E |
| 960 | WEAV | 1 | | J | | WKEM | 1 | Nelson Porter E |
| 900 | | q | koland C. Koy, CE | | 1500 | KTXO | 1 | Ron Henderson, son of O E |
| | WBOC | g | u/u Brian B. Charles C. K. K. W. K. | A | 1510 | KEAM | | or KYKE) Al Lynch E |
| | WHYL | 1 | Brian R. Greenway, CE K3WKK | | -, | VITS | q | Richard Jolls, CE C |
| | CKWS | 1 | Theresa Lumsdon, From M | D | 1520 | WEXY | lu | Douglas De Vos, Op M E |
| 070 | WGRO | 1 | Dean Blackwell, GM | E | | WGNB | ur | |
| 970 | WFLA | q | Patrick McLaughlin, CE | E | 1530 | WMBT | fu | Julian J. Milewski, CE E |
| | KOCK | 1 | Richard Jones, CE | D | -,,,, | WENG | 1 | Jeffrey E. Barker, VP,GM F |
| 080 | WEKN | lm | kandy Harris, E | F | 1540 | KGEC | rm | Mary Sullivan F |
| 980 | WITY | lbf | William Craig, PD, ACE | EJ | | WOGA | lm | |
| 000 | WBOP | 1 | Kayne Coleman, M | E | 1550 | WYOU | lm | Arthur Sutton, PD E (Ed Pendino, CE C |
| 990 | WNTY | 1 | Victor J. Nejfelt, AE | | | 1100 | 1 | (Phil Scott, E E |
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| | | 1 | (Austin B. Rigsbee, SM | | | WAGL | lm ul | B. Len Phillips, SM C |
| | WXYB | g | u/u | A | | | | Fred Applegate, M E |
| 1050 | WKAU | lm | James J. Rammer, CE | | | KGAF | lm | Mary Jones, OM E |
| | %HG1 | plb | J. Christopher Dixon, PD | JK | what | KLOU | q | David Chimeno, CE E |
| | KFML | | John Eridges, CE | | | WPGC | lmh | Ward W. Fetrow III, CE H |
| 1-1 | WHEO | 1 | James Genovese, PD | E | 9 | Hame | | KA3DHG |
| 1060 | KNLV | 1 | Jesse Bonner, M | В | uage 1590 | WYFA | f | Eugene Healy, CE F |
| | KHYM | 1 | Al Tarasiuk, PD | B | e 1590 | WDÇI | 1 | Ronald H. Malone, CE K |
| | WQIO | lm | Daniel E. Brumbaugh, CE | | | WSMN | P. | Al Rowe, P I |
| 1070 | WGOS | pu | James k. Luther, CE | J | 1600 | WUNR | p | Jane A. Duncklee I |
| | WSCP | | c Richard Sterling, PD | J | ng - | WAAM | 9 | u/u, CE C |
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MUSINGS

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

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

DXING AND VISITING

PAUL MOUNT - 35 West Columbus Street - Nelsonville, Ohio - 45764

At the end of my N.J. visit I saw CHRIS HANSEN on the way down to Bill Wurtzel's. sill lent me his Superadio & I spoke on the phone to BILL BERGADANO who keeps logging stations I need from N.J. & is closing in on my Teaneck total. I drove back New Year's Eve and hit 1980 in Athens, U. Did anyone tape WABC at midnight saying good-bye to fads and trends of the 70's? WMMN, W Va. is my unID M-92. WYNU-1130 Nelsonville's tower is up just S of school property but no one seems to know anything else about it. 1/4- Talking to a partyer at the about Toledo radio it turned out he knew all about DXing, QSLs, TV pix, etc. so we drew yagi plans while the others partied. Around here I'm always thrilled to meet anyone who's tokenly DXed. 1/11-13 I visited GECRGE GREENE and JOHN SALLY on my first weekend trip anywhere in Chio. Ma 1/13 I was up to 5am but no DX logged, just typing Forums and listening for program content on Superadio. 1/16- WIFA-1590 Ga. loud in car 5:47-5:56pm w/T-40. WEYY-1580 fair 3 6 w/long s/off u/CBJ, leaving Paul Harvey NX. 1/20- WNDE-1260 local-like 12:57am. WBT-1110 s/off @ 1 leaving unID BFL. MM 1/21- 1590, same here & N.J. - WAKR and "16-Fet". Comparing the TRF & Superadio I found the Space Magnet (inductively coupled) works much better w/the TRF than the GE & that the 200mm AM antenna on the GE was no more sensitive extended than pushed in. However the two tone controls on the GE are a dream and are used as selectivity controls for co-channel stations and the overall sound quality is much better. WECM_1140 is back to old calls from WRDD, ANing as "14_40 Radio, the New WECM," w/T_40. WIST _1240 N.C. good 1:39 W/WIST School of Broadcasting spot. WFIR_960 has AT_40 Sun. 10pm to 2am MM. I heard a F record collector in NYC call in on KMOX_1120; interesting, as WNEW_1130 was on per call to East Coast. 1/22- WAOK-1380 & WCSC-1390 good 1:15-1:30. 1/26- FRANK MERRILL visited me at WIGN and GEORGE GREENE came to Nelsonville the next day - nice to see them again. Laundry is done and so is this Muse. 73.

DAVE'S ARRANGED & TEST FROM WPIC. 790

DAVE ARBUCAST - 3851 Porter Road - Rootstown, Ohio - 44272 216-325-2807 before midnightELT Hi y'all: On the local radio scene, WGFT-1500 is running a program where Junior Achievement people come in, about 15 or 16 years old, and run an hour radio show, com-. That's right, zilcho. plete with spots and all. I like listening to it. To DX: For some excitement, I started to DX FM & TV. With TV it's a pain, 'cuz I can't go to the kitchen for food during the spots, hi: This past week I went to WSTB, a non-commercial station at a local High School, to see their operation, so we can get an idea on how to set up our radio station when we get it. Right now, though, we need money. Anybody got 25 grand to give away, hi? Next week I'll be going to WKTL, another non-comm, for the same reason. My communications club will be going to tour 3%E in Cleveland, and hopefully WGAR also. I'm arranging both tours. I talked to 3WE's Ga a few weeks ago, 2 he said they don't s/off when they do maintenance, they use their AXR. They don't like to s/off 'cuz they don't own the tower they transmit from! Don't that beat all? I talked to PAT HARTLAGE yesterday. I got the info on my TEST of VPIC straightened out. It's Monday. I called the CE of WPIC, Charles Ring, and we found out I was looking at an old calander when I wrote the CPC better: Well, that's all for now. I may see you at YAD - all depends on whether I can get a ride. 73's and here's hoping all NSPers go off this Monday.

LYNN'S GOT SOME LATE DATA ON FLORIDA STATIONS LYNN GILLIS - Box 105 - Bloomfield, Kentucky - 40008

3/3/80

Here's the second Muse coming to you from Central Florida. The March 1 or so Mid_South blizzard delayed our return till noon today. NM 3/3, I overslept 4 got up 3 3:15 am. The session was a bust with only one good one, KCMC-740, @ 3:45am good enough for a report. I have decided to verify my best catch only here, which is the above. Chiefland (near the Gulf about half way between Tallahassee & Tampa, more toward Tampa) is definitely superior to Lake Males as a DX site. Fla. isn't a very good DX site unless you're near the Coast where I am not. Here's some changes noted: some new, some not. WLBE-790, WAPE-1390 * WIPC-1280 are on the Fla. Net. Cn Mutual is WAKA-1390 & %FIV-1080. WMOP-900 is APR. WHHL-1190 MART-1050 are using the newish calls. MART is definitely Kahl JETER'S & EKNEST COOFER'S unIDs in the 12/28 DX MENS. WIPC-1280 is EZL & AN, probably with the U-2 1,000/500 CP they applied for. WAKA-1390 was heard w/hOK in mid-afternoon. I've been busy with reception report backlog & CPC TEST requests. If I get it back, CJOB-680 will be my best verie so far from Kentucky. see you nextish from the newest regular Muser. 73's.

WEVA_860 HAS A REGULAR FREQUENCY CHECK

MARTIN FOLTZ - 1112 Mest Rundle Avenue - Lansing, Michigan - 48910

Some more good DA heard lately so another Muse. 2/3- NEVA-860 caught on end of f/c w/mx & ID = 12:15. Unn XEWO took over w/REL program after that. 2/4- Finally a definite log on "HEZ-750 w/T-40 6:02-6:15 in "SB null, state #44 and first new one in five or six years. 2/6- MPDX-750 in w. c/w 5:45-5:57, KWaT-1580 in 6:10-6:30 s/off, no SSB. 2/10-KFJ2-1270 in w band mx in FXY6 null 12:20; Ecuador-995 trying to make it > 12:45 but too

(Martin Foltz, con'd.) weak. 2/11- No WGIG-1440-TEST but a new one in WHEY-1440. KLIF-1190 TN Fair W/T-40 3 3:49. 2/24- Local WCER-1390 testing w/OC TT & the song HONEY, HONEY, repeated. 2/25- WJWI-900-TEST heard in CHWI/XEW null 3 1:03-1:25 for State #45. States WHEE-750. WEVA said r/c first Sunday shortly after midnight. WHEE said "no equipment tests up-coming." 73's. still needed are Laine, Nevada, Idaho, Alaska & Hawaii. Veries: v/1_ WEVA_860, v/g W.RFD_880,

A WESTERN PENA SYLVANIA HAND SCAN

JOSEPH W. BRAUNER - R.D. 1 - Box 153 - Punxsutawney, Pennsylvania - 15767 3/5/80

With DX just about nil, how about a bandscan for Ground-Hog Town? The Code, None, good dependable signal. 1- Weak or QHM. 2-poor, not heard daily. 540-WARO. 550-WGR. 560-WFRB. 570-WKBN. 580-WHP. 590-WMBS. 600-WFRM. 610-WTVN-1, CKTB-1. 620-WHJB. 630-WMA1-1. 640-WHLO. 650-WSM-2. 660-WNBC-2. 670-WIAC-2. 680-WISR. 690-WZAP-2. 700-WIW-1. 710-WOR-2. 720-WGN-2. 730-WPIT. 740-CBL. 750-7 760-WJR. 770-WABC-2. 780-WABS-1, WBBM-2. 790- WPIC. 800-CKLW. 810-WEDO. 820-"OSU. 830-WCCO-2. 840-?? 850-WJAC. 860-WYJZ-CJEC 2. 870-?? 880-WRFD-2. 890-WLS-2. 900-WCPA. 910- WAVL. 920-WKVA. 930-WFMD-1, WBEN-2. 940-WESA/WERP. 950-V.NCC. 960-VKZA. 970-WXSW. 980-CFPL. 990-VVLC. 1000-W.JM-1, WI00-2. 1010-CFRB-1, WINS-1. 1020-: DKA. 1030-?? 1040-?? 1050-wBUT. 1060-KYW-1, WQI0-2. 1070-WKOK. 1080-HE_P-1, WORO-2. 1090-PBAL-2. 1100-WWWE. 1110-WJSM. 1120-WWOL. 1120-WASP. 1140-WBZY. 1150- WKPA-1, VHUN-2. 1160-?? 1170-WWVA. 1180-WHAM. 1190-WANN. 1200-Nix. 1210-WCAU. 1220- WGAR. 1230-WCRO. 1240-FRTA. 1250-WTAE 1260-WPHB. 1270-WCEC-1, WHID-2. 1280-WKST. 1290-WFBG. 1300-WWCH. 1310-WNAE, WBFD-2. 1320-WKTQ. 1330-WRIE. 1340-WTRN, *CVI. 1350-WWER. 1360-WIXZ. 1370-WEMC. 1380-WACE. 1390-WFMJ. 1400-WEBI-WAMQ. 1410-KQV. 1420-WCED. 1430-WVAM. 1440-WHHH. 1450-WDAD. 1460-WMBA. 1470-WHML. 1480-WCKS. 1490-WJNL. 1500-WGFT lately, used to be WTOP-2. 1510-WAHT-1, CKOT-2. 1520-WKBW. 530-WBCW. 1540-WPME:11 1550-*FFM. 1560-YQXR-2. 1570-YQT*. 1580-WEND. 1590-WPGW, WCBG-2. 1600-WAYC, WNEU-2. 73,goodDX.

TONES, TONES, AND MORE TONES

FUREST E. OSBORN - 202 North Jackson - Hooker, Oklahoma - 73945

3/6/80

First off, thanks to MIKE JEZIOPRSKI for IDing my Q-Country on 1570 as CKIQ in Erandon. I had figured that it had to be "but didn't count it until the help in Musings. I've got lots more unIDs and appreciate any and all help. Listening time has been scarce but here is the lowdown: (n 1/16 + 8:51 pm ELT, CKDM-73) with ad for Mary Jane shop in downtown Dauphin. On 1/21 = 3:11am, unID TT u/HSAI-1360; 3 3:20 XEV-1390 R. Fiesta, Chihuahuu, on top as usual for the last few weeks. From 3:32 to 3:45, TT on 1480, possibly KGCX Mont.; also KkLD-1080 was testing earlier on 1/21 w/OC TT & ID = 2:57am. On 1/28 lots of tones _ 2:40am, TT on 1390; 2:56 TT on 1150, then Ai NX 3 3am. At 3:04 a buzz-tone on 900 u/two SS stations. At 3:12 a carrier on 735 suddenly went off the air. At 3:14 a het on 747 looping E/* but faded out. At 3:35, soul mx on 1510 u/WIAC, possibly unn KDKO. Colo. At 3:36 TT on 1530, off = 3:37, on = 3:39, then TT & IL = 3:48 as WTHM, Lapeer, Mich., TT off/on until at least 3451 (NCKY also testing with different tone). At 4:06, CFRB-1010, Toronto, on top. 4:10, varying tone on 1150. At 4:32, WCKY-1530 w'ID & OC. On 1/29 3 4:34am TT off & on on 550; from 4:45 to 4:55 TT & buzz alternating on 1010 looping N/S. Cn 1/30 @ 2em TT u/KFH-1330; TT on 990 from 3:32 to 4:12, 2 4:15 KRDS-1190 from Tolleson, Ariz, finally IDed. On 2/13 3 1:26am varying tone off & on on 1600; TT on 1490 from 1:32-1:45; At 1:49, Caribbean mx on 675, probably Costa Rican. At 1:51 SS on 725, also hets on 765, 775, 1005, 1125, 1205. At 2:10am TT & ID of KTYN-1430, Minot, N.D. At 2:22 dial tone in null of XEB-1220, possibly WABF Ala. On 3/3 3 2:02am KXLF-1370 s/off; 3 2:36 TT o/WSAI-1360; 3 2:41 KAAM-1310 w/TT & announced as annual FoP: 2 2:51am TT on 1220, sweeps 2 2:55 o/kGAR, also 2 2:51 tones on 1200 & 1210. WOnI back on 3 2:57. At 3:03, tones on 1350 & 1370. At 3:06, KPMC-1560 s/off announced off until 4:30am", SSB - 3:08. TT on 1550 from 3:13-3:15. 3:32, KCJJ-1560 w/ID and koR. At 4am, KZZP-1310 kess, Ariz. with new call, ex-KGXE; = 4:05 KOKY-1250, ex-KIAZ, KALC, etc. w/APK FX. On 3/4 3 1:39am TT & ID "This has been KIKZ-1250 in Seminole, Texas". At 1:50 TT u/KIEO_1400, unreadable ID # 2am, more TT; # 3:55 TT off/on u/KCNW-1388, At 4:20 TT/OC on 1310. (m 3/5 from 2:29 to 2:42, TT off/on o/WMAG; #3am TT went off on 1390, no ID. At 3:17 "MQXR, N.Y. testing" o/KPMC piano mx on 1560; 3:25 TT off/on u/WSIX-980, 3:30 WZ on KMBZ; 3 3:33, TT-1240 looping H/S. Also on 3/5 = 1:57pm KCR0-660 ex-KCWH; Omaha, w/REL program. As you can see, lots of TT & very few IDs, but a new one pops through every once in a while. Since beginning to DX seriously in the last 4-5 years, I have IDed right at 900 on the EQ-150, SX-99, Zenith Royal 500, clock radios & car radios, so I can't complain too much. It's certainly a hobby that can go wherever you go & the NRC helps you get there. How about more Musings from Okle., Kan., Tex., Col., & N.M.? I need all the help I can get, hi. 73 to all.

HOW ABOUT SOME CHEERY MAIL TO MARTY?

FARTY WRIGHT - 1913 Jeanette Lane #7 - Springfield, Illinois - 62702

Just a short Muse to let you all know why I have not answered some of your letters, etc. I just got out of the hospital where I got some bad news. I have cancer liver, lung, and spleen - and it's left me pretty weak with not much time at the dials, or the strength to report or kuse. I am no longer at %CVS. Reception reports should now go to Robert Miller, CE. I did manage to catch eight minutes of the KJKL-900-TEST, only because the CID and the "close encounters" beacon though. CHML was very strong QRM ost of the time. I hope to get better with the chemo-therapy treatments and huse more often in the future, and I always look forward to DX NEWS and reading about what the rest of you are doing.

The next issue is next week, April 7. That same date is your deadline for the two-word-city special Musings section. So, hurry. Also remember that the deadline in East Lansing for Dave Yocis's Musings Section is April 28. Please double space and please stick to 30 lines or less.

CKAN-1480 IS ON

BRYAN GRIFFITHS - 33 Jedburgh Road - Toronto, Ontario - M5M 3J5

It's been a long time so a re_intro. I'm 37 and have been DKing on/off over 20 years & been an NRC member since 1973. The following February DX was all done w/a TRF. 2/6- WILY-1210 Ill. 5:36pm NX & WX - no sign of WCAU; KKJU-1550 Mo. 7:00pm ID "KKJO St. Joseph, it's six o'clock", then pattern change. 2/10- 1:59am chimes & La Voz de Cuba ID in WGR-550 null. WIKE-1170 Wis. local NX & 6:01nm. 2/11-KGH L-920 Minn. local NX then s/off 2 2am, well on top. 2/16- WAYB-1490 Va. 5:49pm detailed WX & calling themselves "Beautiful Radio for the Shenendoah Valley". 2/18- WCRJ-1530 Fla. s/off 3 6:15 mentioning to s/on 7:15 am. W3JC-810 Miss. 3 6:43pm with spot for Amana Radar Range outlets in McComb & Mages, mixture of T-40, AOR & mellow rock, Wide World of Sport at 6,45, lost 3 6:452 pattern change. This one at last after trying many times. Strangely WCPC-940 wasn't strong at the time but no sign of KCMO enabling WSJC to get thru with WGY nulled. 2/28- VRIS-1410 Va. 6:02pm s/off mentioning FM-93.5; daytimer WIMD-900 Md. 6:38-6:45pm on with mx & snow-related closings. As of 2/28 CKAN-1480 Ont. on RS but still having XR problems. Call to station 416-898-1100 confirms they were on night pattern, 34pm 3 4. 73's.

NIEL'S IN TOUCH WITH SEVERAL NRCERS

NIEL WOLFISH - 15 Donwoods Grove - Toronto, Ontario - MAN 2X4

3/6/80

3/9/80

3/1/80

Hello once again. Beford I get to the point of this Muse I must slightly change a line of mine from my first Muse. I meant earlier that I would like to hear from Toronto and Ontario DXers (and others too!) by mail. Phoning me makes things rather difficult. However, I always reply to letters promptly. Bight, MARK STRICKERT, STEVE SHAFFER, PAUL MOUNT, BRYAN GRIFFITHS, GEORGE GREENE, DOUG MISKE, & GREG WILSON? Well, unfortunately, CRQN_11:80 is now on, with MoR type programming 6 till midnight (since 2/28) & is rather amatourish right now .. i.e. many missed record & commercial cues. Last Friday DOUGLAS MISKE, MICHAEL BOLITHO (not in NRC) & I took an evening trip North in Search of CKAN in Newmarket. We ended up settling for mailing our reports. (I'd like to receive the first verie) at the Newmarket P.O. The addresss is Box 1480 w/a L3Y 4X1 postal code. After Newmarket, a hop, skip & a jump took us to Burlington to visit with GREG WILSON. The following evening, GEORGE GREENE (of no fixed address) was in town, so we got to look at his famous photo album again (I can pick your picture out now with ease, ERC) (after seeing the album only four times); Well, on the DX front, I'll start at the present and go backwards. 3/3- WIS and CJCH finally. 2/25- WJDX. Verie in from France-1557 and WEBN-570 plus an SW one (Niger). I now have 13 heard on 920 making it my best regional ahead of 1480 (12) and 980 (10). All time favourites are still 1240 (12), 1490 (23), 1550 (28) and 1580 (31). That's out of 687 heard. Well, 734s till whenever.

ANOTHER HAPPY PURCHASER OF A SUPERADIC

TIM MERFOOT - 189 Cedarvale Avenue - Apt. 505 - Toronto, Ontario - Mic 4K1

Yesterday I purchased a G.E. Superadio, and it appears to be a very good receiver for MM DX. It wastly outperforms the TRF in this apartment. I have made one new catch on it so far: 3/9- WELW-1370 @ 5:59 s/off, but not enough for a report. I have received one new verie, CFMB_1/10. New local CKAN_1/80 is now on the air. Concerning the question of whether Canada is domestic or foreign, I find that distintion very irrelevant for DX purposes and do no segregate my catches on thar basis. I just keep an aggregate total. Why, for example, is St. Pierre-1375 considered foreign when it is so close to Newfoundland, but Newfoundland considered domestic? For statistical purposes I would much prefor aggregate totals, but if questioned on the matter I would probably consider Canada as domestic and everything else foreign. 73.

BILL ATTENDED A WADXA GTG IN BALTIMORE

BILL TOWNSHEND - 4500 Connecticut Avenue N.W. #901 - Washington, D.C. - 20008 20 2-966-8046 I made the WADXA GTG at JERRY MILLER's pad in Crabtown (Baltimore) last

night. TOM WHITE was the only other NRCer there - he will be hosting the next WADXA GTG at his Arlington, Va. pat on Sat. 5/10. Jerry's DX shack was not as impressive as that at the ROUSE's home, but he had overhead wires strung up in the back of his living room. SW & KW DXing were hampered around 1930 due to a cold front T-storm and its QRN, which knocked the temperature down to size from 730f/23 oc, exactly a week after a major snowstorm (7", temperature 14.0F/-10°C. The dTG was originally planned for 3/1 but thanks to Arlene Luskin's (she is a WADXA coordinator) trip to S.C. (she was snowbound there in the Carolinas), the GTG was set back to last night. I'd take T-Storm QRN to traveling in the falling stars (not the kind seen at night, hi) with howling winds. I caught both DX TESTs last week (WEJR-1430 and WJAZ-960) & talked to Sam Dudas, WJAZ'S CE in person. He said that since I had conclusive proof, despite heavy QRM (WNJR had QRM, too) of hearing his station (audio TT changed on the TRF as Sam fiddled with the audio oscillator), to expect a barrage of "JAT promo material (T-shirt, bumper sticker, etc.) which I may auction off at the IRCA Convention in Derbytown (NRC HQ) in August. Due to higher costs of air travel to the WC I may pass up the Convention in L.A. over Labor Day (I may go to Virginia Beach for fun & sun instead) and the ANARC meeting in mid-July. Local yokel WDON-1540 has changed format from T-40 (it was CWM for a while) to religious. I used to hear Don Dillard's Oldies show 5-5:30pm weekdays around 7:56-7:59pm (also Jay Perre on WEAM-1390 around that time) with lots of R&B sounds, "Do-Wop" and rockabilly pieces on these stations. Jay Perre used to be on Saturday nights 9pm to midnight. I still like such mx. CUN 28. 73's de WPT.

Next deadline in Provincetown is April 7, then we leave the weekly schedule. The April 7 deadline is for the April 21 issue date. After April 7 send your next Musings to Dave Yocis, 502 West McDonel, MSU, East Lansing, MI 48824. His deadline will be Monday, April 28.

CONGRATULATIONS TO THE GEORGE WALTONS!

CEORGE WALTON - 314 nigh Street - Easton, Pennsylvania - 18042

3/10/80

Hello members. Big news here on Leap Year Day, Feb. 29, 1980, the arrival of my daughter, Jennifer Louise. Both her and Eileen are fine and in good health. Unfortunately, her birthday will only fall once every four years, hi. DX has been rather sparse what with a lot of trips to the hospital, etc. However, what I did catch has surprised me as Cy have been excellent since November with 107 new stations. Most have been caught on the F-2200 & the Sanserino Loop. My old TRF just continues to gather dust as it is rarely used. Oh by the way, ERC, why not have a special Musings issue of DX NEWS for those people whose last names start with the letters A-Z inclusive? H1. On to some DX now. WMOO, Mo-bile, was heard on ET along with WGOE in Richmond on 1/27. 2/3 finally saw the arrival of WICO or as they call themselves, W_one hundred. It's been a long time trying to bag this one. My most amazing catch of the month was KSTP-1500. What is amazing is the fact that wTOP is so strong here. Sunset on 2/16 yielded WORI, Oak Ridge, Tenn. & KNIM in Maryville, No. KNIM has to be one of my finest catches ever as the log shows them to be only 250 watts + they are 1,008 miles away! The WROM TEST was caught here weakly u/WOR. A verie came back very quickly to my report. Shortly after the TEST VPLAD in Port of Spain, Trinidad, came booming in on 730. Telecon with JOHN FUEHLER shows that he heard it also. Anyone else? (What's 'Telecon? ?' -ERC) SSS on Feb. 28 also produced KSO-1460 in Des Moines & WVOV, Huntsville, Ala. On 2/20 WFIL was successfully nulled enough to let WHEQ, Memphis, to come in. On Feb. 26 WIRD, Lake Placid, N.Y. was heard at about 9pm. The log shows them to be daytime only. Was there a change or were they just in the Olympic spirit like the rest of the country? (They had a special permit to broadcast evenings during the Olympics, with 300 watts -EkC) March 7 produced WAIT-820 in Chicago. Another surprise, because usually WGY-810 slops over. Eliminating powerful stations on adjacent frequencies seems to be very hard for me to On March 8 SSS proved fruitful again as VIBG, Gean City was finally log ed along with do. WVSC. Somerset, Pa. on990. And on Mar. 9 I caught #3 from Maine with WABE-1280 in Gardiner. Enough for now, come on, everyone - MUSE: 73's.

BILL'S MOVED FROM LOUISIANA TO IOWA

3/10/80 BILL SMITE - Route 2 - Box II6 - Reinbeck, Iowa - 50669 319-345-2982 After a recent move from Louisiana to my native state, I am in the process of once establishing a radio location that I have sought for nearly 30 years. I was able to convince my wife that we needed a farmstead for our new home & was then successful after a six week search in locating the place, the only farm within one mile, on a hilltop with full 360 degree horizon and the only power line within one-half mile is that which feeds the farmstead. Thus far I have completed the inside work, wiring the racks for the HQ-180AX and FRG-7. I have yet to begin the outside antenna work on the five acres, but with the assistance of CHUCK HUTTON have determined how to locate four Beverage antennas for MW which will also serve through 60 meters. So far I have up only a long random-length wire, but the results have been most encouraging. Certainly it is nice to have a deep rural location with very minimal noise. There are many, many signals down in the low noise level. Recently I received from Kr. Hutton one of his modified TRFs & must report very satisfactory performance. For HW selectivity I would rate it close or equal to that of a 4 kHz modified FRG.7. The sensitivity certainly is no problem. Belize-834 is good copy most every night on the TRF, equal to the FRG-7. I'd also be interested in personally meeting any other MW DX buff in (Please double_space, Bill?? -ERC) this general area, East Central Iowa. Regards.

KARL'S GOTTEN A PILE OF NEW VERIES

KARL FORTH - 2714 North LeClaire - Chicago, Illinois - 60639

Not much BCB DX in February due to a change in work hours to 3pm_midnight and generally sub-par SRS CX. On 2/1 much_wanted KSDN-970 was heard fair = 4:08am w/IDs & pop mx, heard at same time next day. 2/3- WKNT-1520 w/s 'on 3 7:15am (Sunday morning). 2'5-KRRR-1360 poor u/WSAI/WGER W/r/c-TT & CIDs 2 2:02am for N.M. #14. 2/10- KNIX-1580 noted on night pattern w/fair signal at 1:07am w/PSAs, spots, CAW mx for report. MM 2/18- Unn WROM-710 heard on DX TEST for tape and report. MM 2/25- WJWL-900-TEST heard fair W/73 to the MRC WJWL" CIDs & the first five notes of a movie theme from 1:02am. 3/1- WKSK-580 on w/f/o poor u/WCHS/CKPR, best @ 5:57am w/ID, WEVA_860 w/ID & into UPI NX @ 6:15am in CJBC null. MM 3/3 found good CX to the NW, nothing new but reports for CEJS-810 & KMTX-950, which was bombing in on their r/c through KIMN @ 3:32am. 3/9- Unn WCRL-1570 noted u/CKIQ/CFOR w/ID & TT \$ 1:07am while looking for CETA. Then a big surprise 3 5:59am w/WACE_730 w/s/on, then CBS NX through WGN slop & CJNR, thanks HOB KRAMER for this tip. Veries: v/q- KGA-1510 for f/up, V/cm CKGM-980. v/1_ CKAP-580, VFIO_670, WAKX-970, WACR-1050, WISS-1090, KMJJ-1140, CJOC-1220 WCHK-1290 KFMT 1450 (Thanks EARL HIGGINS for v/s), WEKV-1470 & KNIX-1580 bringing totals to 2,096/1,111. 73 & have a nice Spring.

SID'S STILL PULLING 'EM IN

3/1/80 SIDNEY E. MARSHALL - 7224 Pam Drive - Millington, Tennessee - 38053

Only a few notes to report due to being away from the dials for several days this past week, due to my work sked. On 2/24 3 6:32pm WKCM-1140 Ky. came in on top of WRVA with full s/off announcement being heard. New ones from this state are tough to land so I was real proud to land this one! Also on 2/24, after a long dry spell, I finally bag-Sed another new one from Canada by hearing CKOC-1150 at 7:03pm. It was in w/a very strong signal for about ten minutes with several IDs, cash give-away promos, mx, TCs, and more mx. Then on 2/29 At 6:30pm WPID-1280 Ala. came in weak but clear, u WNPT, with full s off being heard. During the month of February I landed 31 new stations, bringing my total to 714 heard since April '79. As I will be off from work on MM 33, I plar to be up to try for "GIG-140, Ga. & WNJR-1430, N.J. TESTS as listed in the last minute Flash Tips in the 2/23

Sidney Marshall, con'd.) DX Monitor. I'd really like to hear MNJR as the only other N.J. I have is WPAT-930 which I landed 2 3am 6/16/79 while in the hospital in Memphis, some 18 mi. S of my home. I heard WOWO-1190 Ind. announce they will be signing off every night at midnight during the week of 3/3 for renovation work so I may lose some sleep trying for WLIB & LEX on this frequency. Hold it! While writing this muse I've been camped on 1190 & just heard another new one! WYAD, Ala. was just in good w/ID & WX = 5:11pm 3 '1. (Muse #2) My Dking time over the past week and a half has been greatly reduced due to my work sked & there have been a few days that I didn't get any time at the dials at all. In spite of the limited time at the dials I have managed to pick up a fair amount of new ones to push my total up to 725 heard in the last 11 months. My how time flies as it will soon be a full year I've been back in DXing awith the NRC! You'll have me for another year as I sent my membership renewal in a few days ago. New since earlier Muse; On 3/2 & 5;16pm KFBD-1270 Mo. was in w/a good signal w/WI, temperatures in several cities within the state, mx, & promo for their FM. On 3/3 WKTY-580 Wis. was in briefly @ 7:09pm. Then on 3/4 I got three new ones as follows: WMTS-810 Tenn. @ 7:08am, KBHC-1260 Ark. @ 12:52pm (I was surprised to hear this one at mid-day 1), & NFIN-1390 Ill. 3 7pm s/off. On 3/6 KTFA-1370 Ark. @ 7:14pm w/WX & s/off. With this one I have now 77 Ark. stations logged. Then on 3/9 2 6:30pm I caught the s/off of WAGY-I3 20 K.C. Had it not been for my new Misuho Audio Processor I don't believe I would have heard this one: Then on MM 3/10 I was having difficulty sleeping so I turned on the RF-2200 & caught a couple of new ones that I'm real proud of: At 2:11am MPMC-1560 Cal. was in for several minutes w/a strong signal & later \$ 2,42 I added another new one from Canada, CKIQ-1570. On the evening of 3/10 3 6:35pm WERH-970 Ala. was heard for a couple of minutes to close out a very good Monday. So till my next Muse good DXing to all.

STEVE BAGS SOME BEAUTIES

STEVE FRANCIS - 1620 Lodge Street - Alcos, Tennessee - 37701 Long-sought WCNB-1580 Ind. was testing w/rr & a fine signal 2/21, ID 3 3:08. # 2/25_ Unn WJWL-900-TEST heard w/ID around 1:16, mucho TT but no more IDs, so I tuned out 3 1:30. 2/27- The last N C. station I ever expected to hear - WEEB-990 - was in like a rock at its 7am s/on-S53, thanks to WNOX being off for some reason. They've been going off a lot lately, but they nearly always return between 5 & 5:15; s fon this AM was 7:02. The channel is a mix of CBW KIRM /INT /KNIN WHOO in FNOX's absence; now if only somebody'd come on with an FT; Maeops, outa order: MA 2/25, unn KQWB-1550 N.D. was heard pretty much on top w/rr obviously on day rig for some reason - twixt 4:10 & CBE's s on 3 5. They were drowned out meet of the time by some kind of rumbling het, but were easily atop WORJ WAAY. Del. & N.D. the same might : 3/1_ Unn WESE_580 TEST assumed the one w/TT & ID = 5:55, I wasn't awake enough yet to eatch the ID. MM 3/3- Unn WNJR-1430-TEST poor u WJRB WIRE 1:05-1:34 w TT & Ibs mentioning fam s/on. A couple of years' worth of persistance paid off on 950 this morning with reception of the r/o from DATX, Helens, Mont. They break the TT for 45 seconds every 10 seconds for an ID; of the 23 IDs between 3:30 & 3:45, three were faintly audible u/ the WEJ/WEAZ/IETJ ORM. They all came at times when the TT wasatop the QRM; the IDs were very peerly medulated compared to the tone. I noticed their switch from the usual ID-everyfive-minutes format to the present one back in December & knew I'd luck out with one of those frequent IDs sooner or later. INTI makes Montana #2 in the logbook here. Speaking of IDing every 40 seconds, the unn MJA2-960-TEST on 3/5 was heard poor/fair doing just that between the TT & WIR ORM. If this is some kind of fad catching on among CE's, it has my wholehearted support, hi. 6:20am, the R. Cadena Habana relay on 1120 was in fair u/KMOX, a Paul MaCartacy record made for an easy // with the powerhouse on 1160. Artemisa is the site for 1120 per ROM SCHATZ's Cuban list. MM 3/10- WNOX was off again, so I parked on 1000 3 3am, mailed a couple of unID LAs, & started a continuous tape running. The object was to try & smag an ID from KOMO on one of their day rig OC ETs. Since RICK KENNEALLY's reception was in 12/51, I know by counting up the alternate MMs since that this was an "off" week for them. Success! At 3:28, a weak "KOMO in Seattle" was heard about even w/the Spaniards. Those of you fortunate enough to have this fine channel usable every MM shouldn't have much trouble bagging KOMO. Outa space, 73 till next time. Don't forget the pre_6am s/ons in April from many daytimers in the Mid and North Atlantic states:

MIKE'S DXING AGAIN - AND MUSING AGAIN! MIKE KNITTER - 2159 Circle Drive - Cambridge, Misconsir - 53523

Hi everybody: Let's see, it's been quite a while, a year or two, since my last mising, so I guess I better get on the stick. First off, we moved from S.D. to here a. bout two years ago. Would you believe I'm still unpacking boxes? For now I reckon a short re-intro is due: I'm 28, have a wife and a beagle (a house dog, not a hunter). I work for GTE Telephone Co. Having moved I've started over with my log book & station counting. But I've geared up again, since Nov. '79, I'm up to a big 288 stations. But I've also logged some from Central & South America. This is a first for me! Well, maybe I should say the splits are a big first; I heard PJB-800 & CMQ-640 before. But my other new ones TIRN-575. Belize-834 (do they have call letters?) & CMW-600 are ones I've never heard before. I've been hearing the Russians up herethe past couple of days, usually around 10pm ELT, they walk all over WMT with ease. The wife got me a DX-300 for Christmas. Aside from the overloading it works okay. Anybody out there know how to cure the overload problem aside from getting a new RX, hi? If so let me know please. Also in the "shack" is a DX-150B, a Sony TC-270 reelto_reel recorder, cassette recorder, this typewriter, & a timer I use when too tired to stay up Mus. The reel recorder I like because I can record WWV on one channel & "live D" on the other. Thanks to MARK STRICKERT for the acknowledge on the stickers - I wasn't expecting it. Also I'll keep looking for those other ones, they are probably in one of those boxes I haven't unpacked yet. Latest here: KSUD WJWT CKBI WJWL WAAX KBHS KKAA (been after that one quite a while. That's all I can think of, so till later, maybe next month, good DXing to all. 73's.

LEVS ON THE OHIC CAFITAL RALIC SCANE JTE FALIACE - 3786 Quince Drive - Apt. E - Columbus, Chio - 43200

Some interesting things have been happening in radio locally. My old employer wHTH in Heath, is no longer broadcasting on 1000 kEz. Since 2/25, it's been on 790. I'm not sure what the new pattern is, but its 500 watts comes into Columbus better than the old 250W. Apparently, WHITH is still operating daytime only, although I expect it to eventually To fulltime, because that was the main purpose for the move. With 1000 clearer at SRS and css. I've logged a few new ones there: WSPF, Hickory, N.C.; WGOG, Malhalla, S.C., & WKYE, emingway, S.C. WRFD-880 is losing its CBS affiliation 6/1 to YCOL-1230. WRFD has a statewide signal, but MCOL is NSP, apparently a stronger factor for CBS. WRFD says it will go to APR NX. Ironically, WCCL is cutting back on its local news and has fired two reporters. In other news of radio news, WOSU-820 is now all news & public affairs. From 7am to noon, it is broadcasting "Moming Edition" NX, which is a combination of MPR's "Morning Edition" and MOSU's own news. The afternoon consists of mostly public affairs with a ten-minute newscast at 1:50 & APR NX 3 3. WOSU's "Afternoon Edition" news runs from 4-5pm, folo by the best radio news program in the nation, MPR's "All Things Considered." At 6:30, a German course airs for 15 minutes, folo by various public affiars programs to s/off. Saturdays are basically the same as before: a mix of public affairs, news, & classical mx. Sundays feature big band and jazz music from 7am to 5pm, then "All Things Considered" until 6. I'm up to 1,134 stations logged * 251 verified. That's almost 200 new stations this season. I hope some of you heard the T.JAZ-960-TEST 3/5. I and fellow Columbus DXer DAVE HAMMER, heard it, but FAT FLAMAGAN fell asleep in his chair and missed it. 30. (He slept through the St. Pat's issue too, Jim! -ERC)

HE'S LOCKING FORWARD TO THE PROJECTED DAY PATTERN BOOK

KEN UNYSCHUK - 239 Fir - Park Forest, Illinois

3/9/80

I probably missed the 2-9 year member issue, but here goes anyway. Sat. 3/1 I mailed out letters requesting BB radio networks to Milwaukee, Detroit, Cleveland, Boston, Philadelphia, Toronto, Cincinnati, Atlanta, Houston, Texas, Kansas City, San Diego & Minnesota. Thru Sat. 3/8, I've gotten three back, including a very nice lister from the Detroit Tigers. The 1980 ".hite Sox network is VBBM-780. The Cubs will mail theirs to me this week. Locally, I hope a lot of regional DXers can hear my local WCGO-1600. Lately, they've been IDing much more often than in the past, say every five minutes or so. Also, I understand the WJPC-950 night phaser is still at the Quincy, Ill. manufacturer. At least 950 is still safe here. still %SPA can be a pest. I saw that 540 kc. day pattern map in DX NEWS. A nice job by JERRY ROBERTSON. I hope he continues the work on the rest of the AM dial. I think it's worth a good \$10, roughly. I'd also want to say that I use the IRCA Almanac regularly. It's a valuable book, and what I want to know, it's got it. Also JOHN CALLARMAN did a heck of a job on that update. It's also a heck of a job getting all that info in my Log Book, hi. Can anyone supply me with the reat of the network stations that carry Ray Durkee's syndicated oldies program, "Sunday at the Memories." I've heard it regularly since October on %KAN-1320 from 11:15am to 2:15pm. I like the music very much. It originates from California. (maybe KAN "kan" get it for you, Ken -ERC) Continuing, last Sat. 3/1 I read about the EE broadcasts of R. Moscow on CMCA-600 Cuba. So I tuned in and there it was, in very good. So Wed. night after bowling league, I came home & taped five minutes of it and brought it to work. It surprised a lot of people. Also, I finally IDed that CB3 station on 610 at SSS. After "TVN's pattern change, looping %DAF. I could barely hear it before its pattern change. Sat. 3 8, after the College Bowl, KDAL Duluth-Superior IDed, then ran CB. NX 2 7 but never IDed before pattern change at 7:15. I had to catch it before 7 or forget it. Then after I looped KDAL, in like a local, CHNC Mount Laurier Que. in FF. (CHNC is New Carlisle, Ken & mt. Laurier is CKML -EkC) I spent a long Winter, working a lot (5-7 days) every week trying to stay healthy and keep my Nova going. I enjoyed a lot of High School BKB on WIBV-1260, WJOL-1340, WTAQ-1300, & many FMers. I went to several games. No time for DX TESTs unfortunately, but I had to get my sleep. Right now I'm nursing a sore right shoulder I hurt at work. Gotta go. 73.

MOTHBALL MEMORIES

CHAPTER CXXXVIII - OPENING NIGHT ON WAVE

-by PETE KEMP.

Radio Station WAVE in Louisville commenced operation on December 30th 1933 with 1,000 watts on 940 kc/s., and a 339' antenna atop the Brown Hotel. The station consisted of four offices, two studios, and a control room located in the NE corner of the 15th floor of the Brown Hotel. Its premier broadcast was from the Brown's Crystal Ballroom and part of an hour-long salute to WAVE from the NBC Network. NBC announcer Ford Bond was M.C. Its opening statement read, "Louisville, Gateway to the South, is on the air over the National Broadcasting Company. Station WAVE is presenting its first program. WAVE, a new station, dedicating itself to the service of radio listeners, to the betterment and enjoyment of the People it serves. Programs of national importance, programs of local interest, music, sports information ... and all the arts which are vocal ... will be yours at the twist of the dial on this wavelength granted by the Federal Communications Commission to the associated station of the National Eroadcasting Company in Louisville, Station WAVE." On November 3, 1940, WAVE increased power to 5,000 watts and on March 29, 1941 changed its frequency to 970 ke's. Also in that year they moved their transmitter site to Jeffersonville, Ind. and its studios to 334 East Broadway. In 1959 WAVE moved its studios again, this time to 725 South Floyd, in downtown Louisville.

P.S. from ERC: WAVE's predecessor on 940 was old WFIW, "Hopkinsville in Ole Kentucky" _ 'twas my first_ever verification, logged 12/28/32! MEXT ISSUE _ BRAD LOVETT will tell us of his boyhood memories of WOWO, Fort Wayne, Indiana.

LET'S MAKE SURE WE DELUGE DAVE YOCIS WITH LCTS OF MUSINGS WHEN HE OBSERVES HIS MAIDEN VOYAGE AS MUSINGS BACK-UP EDITOR. HIS ADDRESS AGAIN; 502 W. McDonel - MSU - East Lansing, MI 48824. DEADLINE: MONDAY APRIL 2874

DAVE DESCRIBES CLASTAL DX EFFECTS

DAVE YCCIS - 502 West McDonel - MSU - East Lansing, Michigan - 48824 517-353-1503 (this time: 85 Vesper Street - Fairfield, Connecticut - 06430)

How lucky I happened to be home when this deadline for the ocean-front states came around! Although you won't believe it from the WX, this is "Spring" break & we have some DX from Connecticut for a change! Details will be in the various columns, probably not till next issue, though. While I'm here let me tell all you land-locked people what it's like to have a sea path in at least one direction. My home here is a little over two miles from Long Island Sound, at 25 miles from the true Atlantic. We have an excellent path to the South & a number of excellent catches can be made. Spanish even in normal CX is heard on quite a few channels (it's about 1,100 miles to Cuba, and its stations have amazing consistancy, even 5,000 watters). On Auroral evenings, all the lower part of the band (below 900k) is virtually all in SS. PJB-800 often has the strongest signal on the band, except for WICC.600. The NYC clears who have their IRs in New Jersey are often overcome by Latins (although WNBC & WCBS, who have their XRs on Long Island & therefore also come in over a sea path are not bothered too much). We also note domestics all along the coast, but an inland reception of a low-powered domestic on sunset is relatively rare. In milder Auroras, Florida offers good reception. %GT0-540 has been heard on 250w, %FTP-1330 on 500. The Delmarva Peninsula blocks similar effects that others notice from Georgia & the Carolinas. Ground conductivity in all other directions is quite poor & so daytimers from the South dominate. Other news; TA's finally made it to Michigan. Weak hets from 719 & 782 were noted on 3/1 3 2am EST, precisely Lisbon sunrise. Now if I had only been listening a little earlier! In closing, I remind you that ERNIE COOPER, a la Johnny Carson, will be having a guest editor (yours truly) & I hope that EVERYONE will drop a line or two (but not more than 30, hi) by April 28# 73.

OOPS _ WRONG SECTION _ MANITOBA HAS A SEACCAST! MORRIS SORENSEN - BOX 704 - Leaf Rapids, Manitoba - ROB 1GO

My only new DX catch since my last report came on MM 2 18 when I logged the KURL-730-TEST weak, mixed w/CELG. CKDM was off. Last week I was in Brandon with part of our High School Track Team & took the TRF along. Brandon's about 135 miles W of Winnipeg on the Trans-Canada Highway. The city has two locals, CEX-1150 which is MOR & T-40 with a lot of "oldies" & CKLQ-1570, a c/w station which often IDs as "Q-1570". Both stations carry a lot of livestock reports reflecting the rural base of the community. Strongest semi-locals included IFYE-550, CKDM-730 & CJRB-1220. I didn't do a lot of listening as the kids were always berrowing my radio but mest of the Winnipeg stations were audible during the day. On the subject of whether Canada's demostic or foreign (or from a Canadian view, whether the U.S.A. is demostic or foreign) I get around the problem by keeping three totals - Canadian. U.S. & Foreign: Leaf Rapids is having its annual Winter Carnival this weekend & I have been asked to set up a display of Dling for the hobby show. I will exhibit my RF-2800 (the HQ-150 is too big) plus various QSLs, permants, & DX publications including DX NEWS and the Domestic Log. By the way I hope this makes it in time for the issue featuring states and provinces with seaccasts. If you don't believe that Manitoba borders on salt water you'd better dig out your Atlast (By golly; he's right - this should have been in with the coastal dusingst - and also the Ontario Musings too: - ERC)

3/5/80

3/11/80

LONGS FOR MORE MUSINGS FROM IOWA STEPHEN J. MCINTIRE - 222 Searle Street - Des Moines, Iowa - 50317

Not much DX to report, as my parents have gone off to Florida for the Winter, leaving me in charge of the newspaper. As a result, mucho work & not much desire or opportunity to DI. New since last time; MM 12/10- KRNT-1350 had one of their irregular SPS & I caught KIDN Colo. 3 3:25 which I heard many years ago as KKAM. The KEGG-1560-TEST was in late but very well 3,50 on w/more KCJJ than usual as others noted. 12/21- A long-sought SSS target finally came in, KSGL-900 Kan. 6:16. MM 2/18- President's Day - a legal holiday here thus no paper to put out & a rare chance for a good MM session. "ROM-710-TEST in well o/u WOR w/HEB luckily off. KURL-730 was heard tentatively w/weak TT & one good sweep tone: v/l back in less than two weeks confirmed it was they. Veries also from KEGG (a very nice personal v/1) & WROM. KRNT was off this morn again & KIDN was heard again; no sign of lustedafter WICL. A real surprise was WJDX_620 Miss. in so strongly I thought it was "TMJ or WRJZ 3 2:43. MM 2/25_ Only one catch (maybe) but if it holds up it's the highlight of the season. During NJNL-900 TEST time, the "alien signal" from "Close Encounters" was heard during the 1:10-1:20 period along with what sounded like weak CIDs (no good for me, I don't read code). A tentative sent, if it checks out, it will be State #48 heard (w T.H. & Vermont left) & #47 verified (Maine & D.C. are heard but not veried). I too bought a TRF from CHUCK HUTTON. though it was a used one but with filters added & realigned. It seems less selective than my other TRF or the HF-2200 (due to insertion loss no doubt, though it might just have weak audio), but the selectivity is very good. I've only really checked it out on one SSS session, but at that time I heard KCTA-1030 quite well with the antenna pointed straight at WHC. If I tried that on my other radios, I'd be lucky to be able to hear something on 1070 as "HO is only 12 miles away with their super-efficient transmission system. I'll be back for the "two word" issue w/news of the Des Koines radio scene & I hope to see some other husings from Des Moines and Cedar Rapids, as I'm tired of being about the only muser from Iowa. 73 and see you in the City of Angels.

PLEASE REMEMBER; ONLY ONE MUSING PER ISSUE FER LEMBER NOW THAT WE ARE OFF OF OUR WEEKLY SKED. SO PLEASE OBSERVE THE DEADLINE DATES SHOWN ELSEWHERE IN THIS ISSUE. ALSO PLEASE PUT YOUR NAME & ADDRESS ATOP YOUR MUSING, AND PLEASE DOUBLE-SPACE WE HOPE YOU'RE ENJOYING THIS ISSUE.

AND HERE THEY ARE - THE TUG BOAT OPERATORS, DEEP SEA DIVERS, FISHERER, SWIMLERS. CLAM DIGGERS, SUN WORSHIPPERS, LONGSHOREMEN, S. UGGLERS, AND WHAT HAVE YOU - THE MEMBERS WHO LIVE IN A SEACOAST STATE OR PROVINCE!

A NORTH-WESTERN HAND-SCAN CIY KUDLEMYER - 1314 City View #1 - Bugene, Oregon - 97402

Howdy. I read with interest a Eusing in the 2/25 DX NEWS by MARK CONNELLY discussing Twilight Rush Hour DXing. Intrigued by this thought, I attempted to log some exotic DX on the radio in the ol' Pick-up Truck while commuting homeward. The results were not surprising - not a single TA was heard. Not France, Albania, Mauritania or even a groundwave from WABC. Not even anything as "easy" as eregal-765. "Someone's handing me a line", I concluded, as I drove along feeling depressed and sejected, hi. Then I stopped & considered a few pertinent facts: #1, TA's don't make it this far West under any circumstances with any predictability; #2, my "commute" is only ten minutes to gome; #3, I get off from work a 3.30pm. (The sun doesn't even go down till 4:20in the heart of Winter, and this time of year, it's approaching 6:30). After considering all this I felt much better, & decided I'd put that idea to work next season, only in reverse - TP's & PSA stations on my morning commute. Thanks, kark, for the idea _ it must be nice to log such difficult (from here. anyway) stations with ease. Now, keeping with the current trend in DX NEWS, I submit a "Eugene, Ore. groundwave Study". All stations noted were logged on a Sunday AM in late January: 550-KOAC. 570_weak unID (KVI?). 580_weak unID (KCMX?). 620_KGW. 630_KWRO. 670-KBOI. 690_KRCO (plus unID w/o1 mx); 710-KIRO; 720-KDWN; 730-KBOY; 740-KCBS: 750-KXL; 770-KXA; 780-KCRL; 790-KWIL; 800_KFDQ; 810-KGO; 850-KTAC; 860-KSHA; 900-unID (Canadian?); 920-KGAL: 930-KAGI (plus unID. KSWB?); 940-KWRC; 950-KYES; 960-KAGO; 970-KYTE; 990-KRKT; 1000KOMO; 1080-KWJJ; 1150-unID (KKEY?): 1190-KEX; 1220-KCCS; 1230-weak unID (KTDO or KHSN?): 1210-KFLY: 1260-KCYX: 1300-KRVB: 1310-KNPT; 1330-UNID (KUPL?); 1340-KLOO; 1370-KFIR; 1380-UNID (KBCH?): 1390-KSIM; 1400-KNND: 1410-KPAM (plus an unID); 1420-KYNG; 1430-KGAY; 1440-UnID (KMED?); 1460-KROW: 1470-KULN; 1180-UnID (KARO or KRED?); 1190-KBZY; 1520-KYXI; 1550-KGAR; 1580-UnID. All other frequencies were either blotted out by locals or completely dead. I hope someone out there finds these interesting. Question & Answer time: I may be the world's most uninformed DXer, but does anyone know the story on KSUB (or whatever is) that was supposed to be on by this time w/50kw from St. George, Utah? I've been trying for that one for a long time. BILL HARDY, I will get around to answering some day, & yes, PETE NOLAN, I am still alive. Adios.

SINGS THE PRAISES OF HAM AFLUND HQ-180'S

RANDY TOMER - 1038 11th Street - Arcata, California - 95521 (postmarked 2/27, rec'd 3/4)

This Irish Musings issue is definitely the most ridiculous ploy the NRC has come up with yet to drum up a few extra Muses, but it did get me to dig out the typewriter & come up with a Muse, which is long overdue from this DXer. I guess I can qualify even though my last name is Dutch, since I have a classic Trish mother, & I'we been known to put away my fair share of Old Bushmill's Irish Whiskey at times! With the coming of St. Pat's Day %C DXers should be aware that DU's will also be coming in with increasing strength and quantity, and the Eastern DXer may get that long-awaited first Aussie. DX for TP's has been on the upswing here, with quite a few foreign stations noted during late February, see IDXD. I'm now living right in downtown Arcata (since August '79) & the noise level here is horrendous, limiting my DX somewhat, so I often drive out to the waterfront a mile from here where it's very quiet, & DX with the . M-2 set on the dash and the FRG-7 plugged into the cigar lighter. I also have a good DX site set up in the boondocks. My house trailer is there and a couple of 250' LM's; it's a pretty good EX location but is 12 miles from here. The recent articles on Hammarlund receivers were interesting, it's good to see continued interest in these fine machines, in spite of all the new stuff that's coming out. I wonder how many Diers use the "slot" filter in their HQ-180's effectively? Here's my method: Set the selectivity to a fairly wide position, then turn the BFO to"CK" and zero beat the desired station. You will then hear a strong beat note on the undesired signal; adjust the "slot frequency" control until this beat note disappears. Then return the BFO to the "AM" position & switch the selectivity to a narrow position. Although it's no miracle worker, the slot does make a noticable improvement when QRM is 2 kHz or closer to the desired signal. Overall, I find that the HQ_180A leaves little to be desired as a DX rig, guess you could say I'm a "Hammar-Several owners of Hammarlund SP_600's feel they are superior to the HQ-180, lund Man." that's saying quite a lot for the SP-600. A good repairman on the WC for older tube receivers is Frank Glass of RQ Service Center, 14910 Los Gatos Blvd., Los Gatos, Cal. 95030; if this gpy is in your vicinity, your RXes will be in real good shape !.

KELLY MISSED THE IRISH ISSUE OF MUSINGS TOO KELLY ANDREWS - 1800 Windsong Trail - Richardson, Texas - 75081

Even though I'm probably an issue late on the Irish Musing, I thought I'd send in a Muse just to let everyone know I'm still alive & well. I completed the move from Richmond to Dallas during the last week of October, but very little DXing has been done from the new site. Probably the most productive aspect of the move was the opportunity to stop by stations that had been hold-outs & get some long-awaited verifications by way of a personal Visit. Such a technique was used with WRCG, Columbus, Ga., WVVI, Montgomery, Ala., WTQX, Selma, ala. & KOKA, Shreveport. All were very friendly, offered a tour of the facility and indicated they do verify as a rule; it's amazing how people respond to a personal visit. Only DX from Texas was the morn of 2/18 with WWWQ-1430 in a lam s/off following ABC NX, IDing as 3mQ-Panama City, Fla., & KURL-730-TEST under heavyweight XEX w/TT; veries back on both of these. Only problem is I don't have the time, patience or money to start all over on verification totals even though this DX scene is totally different from what I was used to in ^{K.C.} & Va. Current totals from all locations are 829 verified in 45 states, eight provinces

(Kelly Andrews, con'd.) & 31 countries. I still need veries from CHWO-Oakville and WE2J-Williamsburg, Ky; anybody able to offer any help? Return percentage here is running around 90% for the past four years. 73.

HIS GTG WAS SNOWED OUT :

54)

3/7/80

BILL COLEMAN JR. - 114 Circle Drive - Rocky Mount, North Carolina - 27801 /919-143-7282 Well, I had to cancel the March 1 & 2 DX get_ to gether, or rather the SNOW storm we had canceled it for me, hit Twelve inches in my backyardi Kind of disappointing, but we're going to try again soon in the near future. If anyone has a better date/time, etc., please suggest it whenever you write. I heard the "ROM-710 2/18 TEST, real strong signal here, and well over pest WOR, "The Big Bore", hi. Excuse my poetry: Local WRMT-1490 was off the air Sat. 31 due to the storm, nobody showed up to relieve the man who had already been working 12 hours (so I understand). They usually s/off 3 12:05am daily. Only station around here that stayed on was the FM of MCEC-810, wFMa-100.7. I called the CE & asked if they were going to keep the AM on due to the snow emergency, & he said he was only keeping the wFMa on, didn't see any need to keep AM on AN as they did the FM. I guess only daytime stations with NO FM service can stay on, somebody please verify this? (Our local WVLC-1170 stayed on when a hurricane threatened in '77 & they have an FM -ERC) Oh, I almost forgot to mention, WCEC-810 will start using CES network NX on Larch 17th. Hey, any of you guys up on has with any DX tips, give me a call. I'm a night owl, and I'm usually up till Lam, so feel free to call. The phone doesn't ring here, but only a lightflashes, so it doesn't wake anyone else up, hi. That goes for other mornings, too! So make a note of my number as it's non-published (listed above). Any amateurs who are C.W. buffs, please write & we'll set up a sked, on CE mode. My call is KAMDAP. I use a Yaesu FT-1012D on bands 80, 40, 15, 10, & a Drake TR-7 transceiver, and an Info-Tech video display. Correspondence, phone calls always welcome, even especially from our foreign country members. I also exchange cassettes of air checks, etc. Peace. 73's.

LET'S ALL SUPPORT DAVE'S DDXD COLUMN :

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720 3/4/80 I hope this makes it in time for the "Seacoast Special." Although I'm not near the coast, we've still got one in the Diamond State: DX: 2/20_ CMTE_610 12:57-1:09am w/c/w mx, CJQR_FM ID's, WIP nulled, o/u WIOD. This is only my fourth 610 logging in 15 years of listening: 2/25- WGOC-1090 12:14-12:57am W/PoP (thanks ERNIE COOPER for the tipt), WNTS-1590 1:35-2am W/REL mx, "The Spirit of Life", o/WAKR. 2/26- WHGI-1050 5:56-6:09pm W/ REL stuff, before WHN set in. 2/27- WJMA-1340 6:03-6:12pm w/NX, then MoR. 3/1- The TT from the WESE-580 TEST snuck u/WHP 5:49-5:58am, WHP is exceptionally strong here at night. And a f/up went to MEEV-930 for an 11/18/79 report. Veries: v/1- WEMG-1520, WIBA-1130. v/f-WROM_710_TEST. Total: 1,019. Thanks to all for their support to DDXD, it's appreciated. And I hope you'll be able to keep the support up as waw done for BAY ARRUDA, who did a very good job. More as it hits the wire! 73's.

LOGS KOB-770 & CKXL-1140 IN SPITE OF A BROKEN WRIST EDWARD R. COTTON - 4106 Second Street - Chesapeake, Virginia - 23324

Well, here goes my first kusing of the year. No excuse, except I broke my wrist a few weeks ago when I slipped on some ice, left behind after a record snowfall. So far this year has been one giant snowfall, an all time record for us of 41.9 inches, so far. I got hold of this typewriter and have been practicing so here goes. This season hasn't been too bad DX-wise. I've logged 80 new stations and three new states. The states were Wyoming with KTWO on 10/30/79 u/WBZ, New Mexico with KOB u/VABC, heard twice this season, and Nevada with KMJJ also heard twice with WRVA off on SMs. on 1/20 CKXL was heard in good w/rr mx. All have verified except KOB which is out now. I have been concentrating on verifying all the three_letter calls. So far out of 35 heard I have verified 25, 18 of them this season. Verie-signers are being sent to ERNIE COOPER. CX seem to have gone kaput like they did last year at this time. No new stations in over two weeks. Domestic totals, stations: 897/85: states: 43/39. Well, that's it for now, a Muse just to let everyone know I'm still here. I hope Ernie will excuse the typing: I haven't been typing long and this is one-handed and left_ handed. so long and 73's.

LET US NOW WELCOME A NEW MERBER IN ENGLAND

HERE MOUNTAIN - 528 Lytham Road - Blackpool, Lancs., England FYL 1QY 0253-44808

Although I joined the N.R.C. in December of '79 I have not had time to Muse until a few days ago, which in themselves were taken up DXing, bringing five newies and several unIDs (Reports sent in to DAVE SCHMIDT). To introduce myself, I'm a record shop owner and have been DKing for over 15 years but have never taken the hobby seriously enough to join a club before. I haven't found out yet whether or not I'm the only Limey in the NRC. hi. Equipment here is a Panasonic RF-2800 with Joystick antenna and Joymatch tuner. I have also on order a TRF from CHUCK HUTTON. The ground wave situation in this area is amazing, with 14, pirate stations from the Republic of Ireland and other regular English weekenders. Most regular North American here is CJYQ-930, more often audible than not. I am listening to it while I write this. I'm looking forward to Musing again soon and meeting many new friends through the NRC. 73. (They'll be most welcome, Herb: _ERC) (There is one other English NRCer _ KEN BROWNLESS, 7, The Avenue _ Clifton, York. _ ERC)

PLEASE REMEMBER ALWAYS TO SEND RETURN POSTAGE TO STATIONS WHEN REQUESTING VERIFICATIONS. IT IS. AFTER ALL, A FAVOR TO US - SO THE LEAST WE CAN DO IS TO PAY THE COST OF THE POSTAGE! BE SURE TO REPORT TO OR THANK ALL STATIONS LISTED IN THE SPECIAL TESTS SECTION ON PAGE 11

JERRY HAD A GOOD DECE.BER

JEANY BOND - 143 Eurwell Road - Rochester, Yew York - 14617

Long time no Muse & with quite a bit of DX to report this season. I think it's about time I sent a report in. I've been swamped with work the past month or two but I'm still DMing a little - mostly on weekends. Here's what I've been hearing since my last muse several months ago. 12/15- This was an unusual afternoon for Quebec. I noted CJFP-1400 6/ WYSL as early as 2:38pm & from that point until 4:30pm FF stations just dominated the dials. CFIP-1000 was the only new one logged although there were many I think would have been new had 1 gotten some ID's. Another new logging that afternoon was WGUY-1250 w/a Jimmy Fund Telethon 3 3:49pm. 12/21- Another good day for Quebec - this time around sunrise. CKSM-1220 was logged for the first time from 8:10-8:35am with Christmas mx & I also heard CJSO-1320 strong as late as 8:45am. FF was also noted around 8:30-8:45 on 1230, 1350, 1360, 1270 a several other frequencies. Then on 12/24 I logged a couple more new ones while having preakfast - WBIO-1310 - 7:34am with local SX & VEUC-1230 - 7:45 w/a promo for a special "20 hours of Christmas" show _ 6pm that evening. Un 12/29 I didn't log anything new but I noted WCRY-1580 at their 4:30pm s/off. They said that the FCC prevents them from fulltime operation and they urged listeners of 7CEV who miss the station after sunset to write to the station & they will forward the letters to the FCC. (n 12/30 I caught the pirate PRN on 1620 from 12:32 to 12:40am & they announced they were playing a tape of their 11/12 79 broadcast in which they talked about how to get 25L's from them. They were coming in fairly well with some deep fades. I noted them later a 1:28am but a bad het prevented me from making anything out. SSS on 12/30 was pretty good - one rew logging taken in VYNS-1150 24:19pm. Also noted were WHWB-1000 3 4:15pm & WNTY-990 - 4:16 s/off w/no SSB. Both are quite rare here. The final day of the year provided some excellent loggings. First of all I heard an ET 'TT on 1060 & when the station IDed they said it was W --- in Lebane, N.C. This was 3 2:04am. The call sounded like VAHI - not WWWX which is listed in the log. (It's WHNI, according to updaters -ERC) I see where they have applied for the call WKHI so I guess they have changed. Anybody know for sure? Another new logging on the morning of 12/31 was WOOF-560 which was noted w/an ID 3:26am announcing the end of an ET. Then 4:06 I caught KMBZ-980 in very strong with en editorial in which they praised themselves as being a great station. 1979 really ended on a good note DX-wise. I'll report on my early 1980 DX next time. 73.

*NEEDS TECHNICAL ULL FACE STEVE BOHACS

DAN BARTEK JR. - 4 Hanford Vay - Fairport, New York - 14450

It's been a long time since I mused; at least six months. First, thanks to LOU SUEHLER & family for the great Convention at St. Louis last year. Also thanks to WALT BREVILLE and family for the use of their "A" frame house; Estate; and beverage. I had a good DX chat with KON SCHATZ after DXing. His talk on the LSCA #1 & 2 was very interesting. I always wondered how anyone could DX down there! I never tried it here though; as no luxury loop. I'm not sure where to connect longwire input to SM-2. Anything's better that what I have now! I reed technical help please, Mr. Bohac or Mr. Truax. The dial on my 390 seems to lock up at .056.5. (Thanks very much, DICK TRUAX). It will not rotate any lower (i.e. to .000.0). Any help would be appreciated. Slugs (Cores) look to be moving freely (No, I didn't touch them!) Eest DX to date: S.E. 800 kEz, TFR, Bonnaire, Netherlands Antilles, 2211 miles. NN.: 1400 kHz, Burns Lake, B.C., CFLD, 1,400 miles approximately. SW: WBAP-820 Ft. Worth, 820 miles. W: VHO_1040 Des Moines, about 950 miles. I should have done better. I had a great thrill meeting the "T-shirt man" (Er. COOPER). Thanks for all your years of unselfish help with Musings, ETRIE. 73's. (There's no "mister" here, Dan - just ERNIE: -ERC) F.5. _ Who tested 3/3, sidnight past 1:15am or 960, over_riding VFIR. Any help? Thanks mucht

COLCLUDING HIS TALE OF HIS MOST UNUSUAL DAY

HARAISON FIERCE REEL III - 123 Yoodlawn Avenue - Saratoga Springs, New York - 12866

(con'd from last issue) WIAH was strong & alone on 1350, while WTSK was way o/hoFR=1270. WARA & NCVE were doing battle on 1320, while WATR was not to be heard. 1310 belonged to NORC, & the long-sought Laine & Conn. stations were not there. The gespel programme on 1260 had to be Boston, i MARE was with WKBR & WGUY on 1250. 1220 was BBB/WLFK, & WHIM completely walloped WUHN on 1110. Loes anyone know what became of WNH? (They're currently silent _ERC) The GYs were madhouses, every one: 1230 was ridiculous. It was worse than a night of excellent skip. 12:0 was so jammed that semi-local WWW.D was getting buried. 1340 was a mess, & 1400 had LIH dominating, with spots for a station at 99.5. "ABY was buried. 1,50 was impossible too, as was 1490. I tried the "graves" all afternoon, & could not positively ID any single station except WLLH. Then, as has been the case all week, as sunset approached, the skid faded, then died completely. Now the GYs had only the usual stations heard during the day & absolutely no co-channel interference on either 3WD or MABY, even when nulled: 1490 was RCSS, w/mFAD under, the same as during the day. WWSC was alive & well on 1450, while """T & "BPN battled it out for control of 1240. On 1230 WHUC was still in their on groundwave, 74 miles away! I could not even hear the Latins I sometimes Set when domestic skip dies. The skip above 1500 started to open up slightly a bit later, & "KBW was there along with TQXR & MQQW. WDR was in evidence as a 3kc het on WQCW, but not sufficient in strength to surface alone. No other TAs could be heard at all, so even that aspect was poor. When skip is this poor, my pocket radio does one thing strange; it picks up little images of strong SW stations! With no stations on MW to fight them off, these litthe images surface all over the dial. Annoying is a kind description! Last week I reported hearing WCHE testing on 1520 on 1/29. Today I received my verification from CE DAVE SCHMIDT. You will recall I told you that the testwas unusually clear with courtious IDs, given slowly * Mastinctly, so as to be easily read under superpower "KBV". Now I suspect why: DAVE is one of us! I wonder why he did not give the NRC advance notice of the TEST, or did he? (He did!) FPC

A QUARTET OF NECKES GETS TUGETHER IN FLORIDA STEVE KENNEDY - Box 231 - Immokalee, Florida - 33934

Howdy from the Ear of the Everglades. Lots of news. 2/24, HON SCUAT2, MAFK STRICKERT, & TODD HYLER came up for a day of eats, DX gab, & even some DX. At 6:04pm we were all amazed to hear R. Moscow relay via Cuba on 600 kHz! We believe we could have been the first to hear this, as it wasn't noticed 2/22. Fossibly this is the most powerful station in North America, as on 2/25 & 4pm I was able to hear it on my car radio with a windshield antenna! Back to the first Immokalee NRC GT3; Kor, Mark, A Todd arrived about 11:30am to meet me at WKEN. After the nickel tour of the place, we went out for lunch, ficked up a six-pack of beer, & to my tiny place. Mucho talk about DX * NRC. Ron * I put together an LSCA from what parts were available ... thanks, Ron, for the parts ... and played eround with it. We dug out a couple of Cubans I had never heard before. LSS was approaching, * Ron demonstrated how TXM works. We started with a het on DBC-595, but we started to scan the dial & ran into R. Noscow via Habana. I checked for SW //s, & only heard the USSR XR, so we concluded this is via satellite. By 7pm all were getting the hungries again, so we piled into Ron's car & ran off to a restaurant that specializes in Mexicar food - no Cuban restaurants up here. Sorry the food wasn't so hot fellas, I know they can do a better job. I eat there all the time. After a hearty meal, we bade adios hasta luego. All in all, I really enjoyed the mini GTG, & really appreciate fellow NRCers who will drive over 200 miles round trip just to visit my humble a bode, especially with the price of gas these days. Due to my vision, my wife would have to drive if I was able to reciprocate the visit. Again Ron, Todd, & Mark, thanks & rucho gracias. By the time the next season begins I will have a working LSCA to dig out DX - right now I am rounding up parts. B looks definite now I will finally be able to get an FRG-7 - when Uncle Sam returns my taxes. Just to show I still DX - new for log; R. Cadena Habana-1160, CMGB-920 R. Reloj, Cardenas, Cuba (ax-1560); CMRF-580 R. Rebelde, Baracoa, u/WDBO, all daytime heard here. At night, HIJB-830 Sto. Domingo, CMJX, K. Moron, Cuba; E. Cd. Agramonte-1577v, Santa Crus del Sur, Cuba; new domestic WRCG_1420 (ex_WRBL); 4VW-1325 R. Haiti_Inter. Who says Florida is poor for DX? It's grest if you want almost unlimited LA DX, especially South Florida. Right, Ron? Let's have NRC. '81 in Ft. Lauderdale! This Summer, plans include possible GTG, plane for an Alligator Alley Beverage Party next Winter, & a So. Fla. groundwave survey. That's it for now - till next time, setenta-tres (73). (IF YOU'RE SERIOUS, STEVE, PUT YOUR BID FOR THE 1981 NRC CONVENTION IN WRITING & SEND IT TO N.R.C. HQ -ERC)

WHO COULD BE WORE "CLASTAL" THAN A COAST GUARDSMAN?

ROD O'CONNOR - USCG Group - 259 High Street - South Portland, Maine 3/11/80 Greetings fellow NRCers. Very little DX to add to these pages, but since this is an issue for us "Coastal Diers", I would be nuts to miss it, especially since I missed Saint Patrick's Day edition. Finally on the air, after much delay, is VDCI-1590. Gorham. Mo. Although the news item I furnished for DX NEWS a few weeks back indicated a s/on of some time between Christmas & New Year's, WDCI didn't make it until the first week in March. Their four 410' towers are oriented in an E/W direction, with most of the signal coming right into Portland. Most likely they could be picked up quite well across the Gulf of Maine through much of Nova Scotia. In fact, I imagine they could squeak down to Cape Cod. (You heard 'em yet, ERC1) (Once, @ 3;30am -ERC) WSMN would be quite an obstacle though. Next Muse. I will try to get their operating hours. I am pretty sure they are kutual w NY on the hour. Other Maine news; WGAN-560 is now APR NX, having dropped UPI. In the last DX NEWS (3/3/80) DAVE RUKAKOSKI mentioned hearing WSBG-95.3 FM from Southampton, L.I., N.Y. which used to be FWRJ. They are a Class A FM station & cannot operate over 3kw. As it is, they only put out 2,350w. according to my FM Atlas. I tried to get a job there a few Summers tack while stationed in NTC, but didn't get it. They used to play real "Shmaltzy" type mx to go with the "Beautiful People" crowd out in the Hamptons. I am getting ready for summer ground-wave DX on the beach. despite the fact that now it is about 15° with 30 knots of wind making it feel like -250; Good DI to all.

AROUND THE WORLD OF RADIO

PETE MEAP - 5 Greenwood Avenue - Bethel, Connecticut - 06801

WB172X

ESTP's radio listeners, with links to NEBC & WGR, were treated to live radio coverage of the American-Russian Olympic Hockey game. ESTP received the feed and full cooperation from Canada's CTV network. Edwin Howard Armstrong, inventor of the superheterodyne receiver, has been inducted in the National Inventors Hall of Fame. He was also known as the father of FM radio. Bill Edwardsen, of WQBK in Albany, received a call on the air from a listener in Singapere, about 10,000 miles away. No it wasn't DX, just a regular touring the Far Bast. Yankee Baseball, in Albany, has switched from WOKO to WRCW. WCFM is going to earry the mutual Radio Theater from 11pm to midnight. Harvey, N.D. has been granted a 500watter on 1540. There are now 4,558 commercial radio stations on the air in the U.S. Despite the recent FCC ruling that third class radiotelerhone licenses would not be readired for logging, etc. Third class licenses are still available but no broadcast endorsements (element 9) will be issued or renewed. Cuba's new 600 kHz has been heard many times here in Connecticut despite WICC in Bridgeport. Complaints have already started pouring in the FCC offices concerning its interference. Art Flemming, formerly the host of TV's "Jeoperdy" is now an afternoon voice on KNOX. Dow Jones & Co. is putting together a financial news wire service. They plan to program 17 live musiness reports daily, Monday thru Friday. The service will be carried over Associated Press satellite transponders. Mary Bitterman has been approved as the new hear of the VOA. So much for now.

Watch for Dave Yocis' deadline in East Lansing -- April 28. Give him a workout! Remember only one Muse per issue (any extra's will be held!) so watch your deadlines. In Provincetown, the next deadline is April 7 and then May 13.

A SIT OF A MAIL MIX UP

EARL V. JETFR - 3500-C Clubhouse Circle East - Decatur, Georgia - 30032 Creetings. A strange story starts off this Muse; My copy of DX NEWS #17

didn't show up in the mailbox, but the next week, #18 arrived intact. THEN, about three days after #18 arrived, there was the errant #171 If that wasn't enough, (Thanks, USPS) days and issue was upside down - mustive been a topsy-turvy trip, hi! On to DX, which has been quite good here. Going back to 2/18, weak TT w/"Sweeps" noted on 730 during the sked RUSL_TEST, tomes strongest & 2:22am, much XEX, a tentative report sent. This would be Wont. #1 for me. 2/19, just after local WYNX-1550 s/off, WEHC in good w/SS s/off & EE legal ID at and. This along w/unn WCTW-1550 in later with light rr & NX. On 2/23 a semi-daytime reception, w/WPRW-14:60 heard well w/rr 8:05-8:07am w/semi-local WDYX nulled. 2/23 PM, report taken on WHAL_1400 w Ford dealer ad 3 6:29pm. WJWL-900-TEST not definite, I heard some TTs around 1:42, no ID, natch. 2/29, I noted a het on 1320k, and was surprised to hear Radio Haiti-Inter on 1325, xint signal 9:29-9:39pm (unusual, as at first they seemed to be SS, then by 9:40 or so were in fast FF). Best SSS reception of late was on 3/1 to get March off to a good start: WVSC-990 was in nicely 6:05-6:08pm w NX, local & state, for first time Pa. was ever heard @ SSS as I remember. PA of 3/2 also was good: I got KMIB-1440 good o/WHHY et al 6.36-6:42pm w/rr. Later, several s/offs on 1540, one 3 7pm was WBNL, Boonville, Ind. (250w) then @ 7:15, a s/off w/K_call, but not sure, they had FM mention. Still later, another newie, when KWED_1580 was heard to s/off 3 7:42 w/FM mention. My TEST bad-luck continued on 3/3 w/only some TT noted 1:01-1:04am on 1430 for FNJR. And finally, 3/4 PM, I was very surprised to hear ol' Herbie Hoeflicker's beacon, KNDY-1570 at s/off 3 7:45pm. Good ol' Herbie was met by me & several pals on the way to the '77 Lincoln Convention when we stopped at KNDY. He was really nice, but he won't answer my reports! A few veries in Feb. but none in Warch so far: KSRB-1570, WNPC-1060, WGWR-1260, WCIR-1070, WBOL-1560. 73's for now.

LONGWAVE TA'S ARE MAKING IT INTO JERSEY

NODYR ERIC W. CRUSER - 1 Lake Shore - Lakehurst, New Jersey - 08733 Hello again from Ocean County, in the Pinelands of New Jersey, which does

have a long shore line on the broad Atlantic. I'm still doing a bit of DXing & found CX very good the first day of Karch on the low bands with several signals from Europe, including: W. Germany on 151 & 180, France on 164, Droitwich, England on 200, Morocco on 209, Monte Carlo on 216, Poland on 227 & Algeria on 251. Recent additions of internationals heard on the regular BCB are YVKS_750; Caracas, HdAJ_760, Colombia, Senegal on 765, Freeport, Bahamas & HJCY, Bogota, Colombia on 810 kHz. A carrier with low audio was heard on 885 kHz @ 6:30pm Feb. 18th. My YRTH shows only Saudi Arabia on that frequency (could be??) Other new loggings here are WYRE-810, WLVV-940, WLCR-730, WCPC-940, Voice of Cuba-600, VHBQ-560 (while WFIL was off) & KOA_850. Receivers in use are a Drake 2B with home brew converter, SM42 and a TRF. Antennas are ham band LWs. Until next time, 73.

TRAVELING BUT NOT DXING

BRYAN LEE - Box 69 - Brooklyn, Connecticut - 06234 Well it's about time that I huse again, I guess. Since my last Muse around November or December, I haven't DXed at all. None - not even a simple bandsoan. I've been struck by DX-boredom, I have it bad, too! During February vacation, from Feb. 17-24, I went along with my father to Arizona (after having a six hour delay in Bostoni). On the 21st, we flew from Phoenix to Albuquerque, N.M. and drove down to Socorro, N.M. where I was born and where my father went to college. I did some recording in both Phoenix and Albuquerque. The best recordings being from Abq due to a misunderstanding with my tape recorder, hi. Not much in the way of SC's, actually as far as getting SC's was concerned, the trip was a disaster due to the flooding in Phoenix. We stayed in Tempe & to get into Phoenix required a five hour wait to get across either of the two bridges open over the normally dry Salt River. It was interesting enough though. Phoenix is a beautiful city, but they lack any knowledge of good bridge building, hi! Maybe I'll Muse agan, soon, I hope: (We do too, Bryan -ERC)

AM & TV DX IS GOOD; RICHARD HAS A NEW RX

RICHARD CLARK - Apartado 113 - Puerto Plats, Dominican Republic Hi everyone, here is another report from Pto. Plata in which TV DX has been

really great & making ithard for to DX BCB. My new RX, an NRD-505, is the best radio I ever had; much better than the R-390, SPR-4, HQ-180 & SX-62A. It has a video readout of RTTY, CW in which I really like on SW. The selectivity & sensitivity is very good and it does not overload on localst This radio is like the R-388 and the higher class radios that cost \$2,000-plus. I am very happy with Gilfer in getting me this radio. Now for some DX news Asre: 1261 HI.. La Voz de Cibao is on the air, location unknown, but I can say it is not La Wega, Santiago, Puerto Flata, and so it has to be in Monte Cristi or Nagua area. A very poor level here with HIT mull. R. Turks & Caicos is on 1460, ex.1550, not a new station as per news on VSI, just a frequency change only! AFRTS-1460 is now FM only. R. Exitos, YVTB is now on 800, ex-980 & was heard 2/10 w/PJB on top. Another pest on 800 for me, PJB YVTB/CKIM XEROK & R. Exitos-Fanama! For now, 73's.

STAN MORSS _ Route 3 - Bradford, Massachusetts - 01830

"Harrisonburg Night" tonight - WKCY-1300 & WHBG-1360 both on top @6pm. 6:05 saw WEGP in the clear on 1390, then, wonder of wonders, WLLH off the air - top dog was WMCS W/c/w & CJFP in as I turned the SM-2 but try as I might, no WITN (no sign of WBRL either maybe they are off for real.) Will came back on = 6:35 & weaker than usual, maybe only one transmitter was on?

GET THOSE MUSINGS REPORTS OFF TO DAVE YOCIS FOR HIS APRIL 28th DEADLINE: DOUBLE SPACE:

STATIC ON THE INCLEASE - DX, TOOL

EPNIE COUPER - "The Village Idiot" - 5 Anthony St. - Provincetown, Mass. 02657 617-487-9337 Three veries made it in this fortnight: v/1- MDCI-1590; v/1-CM: CKTA-1570, & v/q from a tentative, WOKE-1340. Let's start by acknowledging phone calls from these good friends in NRC: MARK CONNELLY, GARY LOVEGREN, STAN MCRSS, FRANK MERRILL, DAVE FCX, & ex-NRCer Bill Wurtzel. MM 3/3 was a very noisy one, but DX was good: UnID ETer w 'OC TT on 1370 o' WFEA 3 1:25-plus. Unn WEVD-1330 was running late, w/a program in Yiddish, noted o/TDLW 3 1:37. Unn WNBF-1290 was still going on RS 3 1:40am. An unID TTer on 1280 didn't ID, 1:40-1:46. I took a third report on CKO-1470 hoping for a verie, they're running me out of Canadian stamps; any Canadian member willing to send me some 17-centers for U.S. money or stamps? Then a lucky one as I caught a test ID from WBFJ-1550, "Winston-and-Salem" N.C. 3 2:34am for a newie. Then @ 3:27am I noted some "home-spun" hymns on 1590, & figuring I had WNTS, I hung on, took a report, & got an ID "WDCI in Gorham, haine" (also new): STAN MORSS says their RS weekday s/on is 4:30 so this must've been a test. They've just begun RS, contrary to what a non-NRCer said who "heard them on RS" back in November. Add to the Larry King Thing: WJON-1240, WDXI-1310, KCMJ-1010 & KAUS-970 - oy: 3/5- No sign of WJAZ-960 TEST. CHUM & FHN-1050 about even this AM, CHUM's array must be awry. Unn WMIB-1550 Conn. Tring 2 12:40-12:53, o/ CBE. Another pattern is eskew; that of CHRM_1290 as suddenly they're on top here Aks AN. 3/6- UNID TT-1330 3 1:09am u/ADIN. 3/8- WM00-1550 another of their frequent ETs = 1:07-1:17. UNID TT w/WOR-710 3 1:25. Longtime no-heard CFAC-960 actually topping that spot 3 2:15: 3/9-On 1150 u/WHUE, CHSJ giving away a weekend in hew England - I wonder where they'd send me if I won, hit Somebody off frequency on 612a giving CST TX checks 3 2:09; a very weak signal. On 567, Ireland w/cl mx 2 2:27am. Unn CKCY-920 in WJAR's null 3 2:52. MM 3/10- Unn WNCT-1070 s/off 9 1:07. CKKW-1090 noted this AM ANing & using AM-FM ID CKKW/CFGA. TTer on 610 3 2:12. At 3, on 1500, two unns, KSTP & WCZY fighting weakly - a bantam-weight bout, hi. WRK0_680 off by 3, w/CJYQ/CFTR there. Old friend El Mundo in on 860 for the first time this season - that's Brazil. WHN-1050 was off; in ER, someone giving a Los Angeles phone number for counseling - IEG, or XED? XED'S quite near L.A. 3/11- TT-1400 @ 2:33 & 2:48 on 580. 3/11- Rain, wind, noisy but DX good. UnID TT-1530 u/WCEY = 2:27, then newie WUTQ-1550, ex-WBVM, Utica, ET-c/w IDing frequently 2:46-3:04 & on. 3/15- I got the sixth & last member of the FFC Appalachian net today, 2:42-3:09; CJIP-1230, Disraeli, P.Q. SM 3/16- TTer on 990 2:36-2:42, my unID c/w again topping 1400, still no announcements caught, 2:48-3:07-plus. WPOP-111C had his SP earlier today; they came back on at 3am. I've got at least two requests for a Provincetown daytime bandscan; I'll try to comply next Musing. C U N 7.

Hold the presses....the following was received in Louisville just before we went to press.

GOOD MEWS of the members ... James Fenimore Cooper - editor

"FLYING HIGH AGAIN" or "THE PLANE, THE PLANE" (apologies to "Fantasy Islamd") NELSON CONNWORTH - 765 Transatlantic Drive - Clamagansett, MA. 02673.1416 Well today I felt that it was about time to report my DX doings for the past winter. The big development here was the new computer-controlled DX'ing machine with a telemetry-operated MW receiver in a radio-controlled model plane. The plane receiver is coupled to a portable shortwave transmitter which broadcasts back the audio from MW signals received. On Christmas, I sent the plane off to Sweden to see what DX was like there. I had excellent signals from many Russians; India was good at sunset. At Swedish sunrise, several American signals were heard, but they were just the usual powerhouses. like WOCB-1240. 'ocb was noted taking Finland/France-1242 to the cleaners, absolutely stomping in with ads for Hefty Blooper's Lower Cape Used Car Lot. On New Year's, I sent the plane to Tahiti to see what Pacific DX was all about. Aussies & Zedders were in like locals and I got a charge from hearing hometowners like WVLC-1170 mixing in with local Polynesian signals. Sitting at home and vicariously travelling the world with my model DX plane has given my enthusiasm for DX'ing a whole new lease on life.

"FREAK TP OPENING" (or should I say "Freak TV opening?"-ed.) CHUCK ECKAROSS - Wouff Hong Rd. - Turret Lathe, NJ

I got bored with the TV show I was watching, so I turned dowm the audio on the boob tube & walked over to the R390A across the room. Then I connected up my new Pooper-Scooper 13-J loop which had just arrived from Radio East. When I heard all the hets on my receiver, I nearly fell off my chair. I was getting hets that had to be TP's, because it was 5 in the morning EST. My countries total to that point was at about 90, all TA's & LA's. I knew that bagging all these TP's would push my total over 100. Carrier around 819 has to be 1YZ in New Zealand! Gleefully logged for country #91. Something on 567 - JOIK in Sapporo, Japan listed, so here's #92. Whee! I took a quick break to have coffee & watch the farm report on TV. The price of manure shares was up sharply. After flipping the TV off, I returned to the R390A. But, alas, impending sunrise had apparently taken its toll on the DX. All the hets were gone & I uttered a choice curse. But I'll be at it again tomorrow morning, searching for those elusive TP's.

CET-TOGETHER A SUCCESS

here last week was a resounding success. Delirious Credenzo, w. T. Infirmary, and Transmogrified Paul Hatch brought their receivers. Transmogrified's HRO ran circles around the other rigs, primarily because of the built-in '57 Chevy engine. F Stop Fitzgerald brought his Nikon to make a pictorial record of the event. Chopped Mutton, editor of Interplanetary DX Digest, brought an impressive pile of veries. The heliumballoon-supported mile-long vertical aerial over the salt marsh & pitchpine grove out back worked like gangbusters, but *@#1*! Urumchi overloaded the front end and produced spurs which covered up the better DX. Pest Falklands on 536 was in like a lorryload of liverwurst. Nelson Connworth brought a VW Microbus filled with computer-simulated strip-chart print-outs analysing the strengths of WBZ vs. KTWO on the moon for a whole ll-year sunspot cycle. Will Pretzel, also known as the "Mid-winter Anomaly", brought a tape of his latest DX, WABC-770. He also brought his new comedy record called "DX'ing been belly belly good to me". All in attendance enjoyed the traditional wolfing-down of pizza & guzzling of beer while DX'ing on the vertical Beverage; plans were drafted for two phased mile-high helicoptersupported verticals for next year.

59)

"ANOTHER REPORT FROM THE COLLEGE OF FORMATOLOGY"

DELIRIOUS CREDENZO - 5 Grid Drive - Gordonville, OH Signals fading in & out, operator "slightly looped". Format news: The conflicting application problem regarding the new 1450 outlet in Provincetown, MA. has been resolved. Cooper Enterprises' bid was rejected; a religious outfit led by Anita Bryant & Carl McIntire has been granted the licence. FCC said that the Bryant/McIntire-run operation would more accurately reflect the character of the community. WCAS-740 has taken a different approach to the '50s revival. WCAS calls itself "The Voice of Beatnikism". Cool jazz is played & old taped interviews with Jack Kerouac & Richard Fariña are run. A new all-Arabic station is on the drawing-board for the Bronx; a competing application from a Jewish group was summarily dismissed. Ian Dury & Frank Zappa records are now featured on the new #1 station in Salt Lake City. Coptic Church services on Jamaica-700 are now sponsored by "Smokenders". A pro-breast-feeding group has asked for equal time after the Milkman's Matinee on WNEW. Don't forget to petition for a 1610 - 1800 kHz. "bootleg band"! LXXIII & remember to 'stay delirious'.

'70s INSIPIDITY AWARDS CONFERRED"

RAM PERCY SLEDGE - "The Old Buzzard"- Dental Floss Rd. - Flapjack, Montana April Fuel? What fuel, bah humbug! I'm freezing my appendages off! Here are my "Terminal Insipidity Awards" for the '70s: I've conferred them upon: stations on 1270 that ID as AM-13 or 13-q. DXers who report the shortwave spurs on their cheapie multiband portables to the international MW columns. Reception reports that state "If you don't verify, all I have to do is make one phone call to the Mafia" Receivers that need an exorcist, not an engineer, to repair them. Loop antenna kits with missing pieces. Anyone who calls himself an "Ayatollah". Daytime stations that have to go off during the ninth inning of a tied baseball game. DJ's who talk over records, especially when you are trying to put the record on tape. Musically narrow-minded people who think it's impossible to enjoy both disco & hard rock (not to mention classical, country, jazz, folk, etc.). Radio stations that aid & abet the "rock vs. disco battle" by staging demonstrations at which fights break out. Light dimmer gadgets that QRM DX. Stations that throw carriers & test tones without ID'ing. Receivers and tape decks with labels reading "no user-sorviceable parts inside", thereby assuming that all users are semi-morons with no electronics knowledge.

Preacher shows that ask you to "reach deeeeeep into your wallets !"

HOZ DEL YANQUI EN LA AMERICA LATINA"

KLUTZ - Owsley Blvd. - Dayglo Beach, FL

t a drag it was getting to work today! The Transit Mechanix were on the because the services of two of them had been terminated. New contests for the '80s: Contest #1 - Log Swan Island on as many channels as possible, using an "LSCA" antenna. Contest #2 - Log all megawatt Costa Ricans. The first listening block will be on 1 April 1980, tuning 624 to 626 kHz. Contest #3 - a precision frequency measuring test. Over the next month, special pirate stations operating near 1160 will broadcast non-stop Caribbean music (Jimmy Buffett records & reggae tunes). Every hour an address will be given to which your reports may be sent. Closest PFM wins a bottle of Uncle Fidel's Cuban rum, confiscated during the Bay of Pigs invasion. 73 de Ronáldo McDonáldo.

T. BARNUM - Watergate Hotel - Washington, DC

idetto is "There's a sucker born every Monday morning." My partner Bailey is safari, using Beverages to lure rare African beasts. Good DX cx. today. meard from work: WTOP-1500, easily getting by CKAY. Heard from tunnel on I - 95: WRC-980, generally better than co-channel Arica, Chile. Heard from McDonald's: WMAL-630 demolishing KJNO. Heard at home: WWDC-1260, topping the synchronised Russians. 73 (square root of 73 squared)

A-MUSING MEMBERS

YOU GUESS WHO - No address given

Vol. 65 No. 7

Hil How's DX-er-ing? Well, in this neck of the DXing woods, everything is just "great", hi' I just got my 8,473rd GYer - CXXX-1490, in Elsa, Yukon Territory, at 11.38am on 13/37. Signal was fair-to-fair-ly good, with lots "GSB". Did anybody notice that Tooal" WEZ operates w/50kw now? Another newie was XEMP in 1560 in Leland, MS at 3:35a.m. I guess a call change from WESY. Why don't more of you contribute to DX NEWS and DX Monitor? I noticed that JOE Q. CITIZEN in downtown Peoria, Ill. hasn't Mused in over fire years. What's the problem, Joe? Congradulations go out to IRCA's pub staff for getting the bulletin out on time last week, excellent job, fellows' Well, that's about all for now and I'll be back, probably in Vol. 35 No. 17 or 18 w/another of my fascinating Musingst P.S.: I just submitted 17,839 clips to HQ at IRCA for publication in DX Monitor. Look for them and I hope you enjoy reading them! One tells how many radio stations operated on AM and FM in Tegucigalpa, Honduras in this past year, yep, you guessed it, 1979. Let me know what you think of it and write your opinion a Musing or Forum. Well, gotta go and til next time, good DX-er-ing!

NO NAME OF ADDRESS - Shawmut, Massachusetts Hey did everybody hear about the Great DXing Switchoff? It seems that IPC will be editing Arctic Radio Club in Sweden, Bruce Portser will become editor of the World Eadio_TV Handbook, and Manoy Hardy's pet dog Spot will become editor of Southern DX Digest. All other positions in the club are open! So get your applications in right away! Personally, I'd like to edit International DX Digest, even though I don't know anything about foreign DXing. (I even mistake WOSU-820 for Cali!) but I love NRC and it's my #12 hobby overall. (IRCA is #189). Unfortunately or "shucos" hi, I don't know who I should apply to since LPC just moved to Stockholm. Anybody out there in DX-er-ing land who knows please write me at the above address.

(The above were sent in unsigned; we believe they are the work of DAVE YOCIS. - ERC)

MARK CONNELLY - 30 William Road - Billerics, Massachsetts - 01821 An APRIL FOOL'S MUSE: "TV Shows I'd Like to See." A "M.A.S.H." episode

depicts the radio op. in Korea tweaking a loop to get KFI. Bostonian Major Winchester says he won't do any surgery until he hears WBZ. On "Lou Grant", 'Animal' comes in late on Monday morning and says that he was up until 3 that morning trying to get a DX TEST from an Alaskan Graveyarder, whereupon Grant ships him to a graveyard in Alaska. Ernie Cooper visits Fantasy Island and wants to DX in 1935, but with an R-390A & a Sanserine Loop. The experience Daves him double_spaced. A call comes in to the police desk on "Carter Country" about some nut from Decatur, Ga. stringing a mile of wire through a local farm, turning off the milking machines, and humming the Paraguayan National Anthem. An episode of "WKRP in Cincinnati" deals with a DX TEST by WERP and a subsequent controversy over whether or not to verify reports sent in. Sample reports, good and bad, are read. In another WERP Show, Phil Boersma takes over the station and plays non-stop Iggy Pop. In Los Angeles, a recepcion-report ring, selling reports on western stations to eastern Diers, is broken up by an intrepid SWAT ream on "Rockford Files." A man approhended in Central Park carrying six bulky portable radies is brought into HYC Police HQ under suspicion of burglary. He says he uses the radios for DXing and weight_lifting. Barney Miller and the other cops agree to let him go after they are subjected to an hour of continuous poetry. Public Television does a documentary on "70's Culture": discussion includes Wes Boyd's mid-70's Domestic DX Digest column credits about looped & stoned Diers. "60 Minutes" does an expose: "The Swan Island Story". A DX Quis game show is started; prizes include McEay-Dymek DR33's, Drake R7 'DR7's, and KNBR bumper stickers. The grand prize, a Heald Travel Agency DX-pedition to the South Pacific, is won by a Matertown, Mass. contestant who correctly explains the Etiology of Quasimonthly Ionospheric Periodicity and its Effects on DX and Fishing.

DAVE RUKAKOSKI - RFD #1 - Box 409 - Brooklyn, Connecticyt - 06234

(rec'd 3/25/80 - year latet -ERC) Last Sunday I held a little GTG in a swamp four miles N of Gallstone. We (Ecks Ray, Ann R. Sea, Juan Kerf, and Coco Hammarlund) set up a 127,000 foot longwire, in a SSW to NES direction, avoiding quicksand, and other obstructions. We all DXed w/a fairly new GT.894CC.730A static Splitter All Wave Signal Searcher. Results were very disappointing: PestCFFB-1210 splatter was totally destroying anything from 1170-12L0, and a great loud spur on 750 dimmed the chance of hearing the much wanted WSB-750. Only new withins heard were WART-1530, WANG-980, WSOB-1110, and CUTE-362L36 w/a nice figure...er, signal, hi. Just got a verie from WROT, in the form of a scribbling thank you letter on their bumper sticker: By the way, I was just handed the early morning slot (midnight to 6am) on radio station WQRM-12L0: that is every morning, and I'll play anything loud, no, not tones, hi. WQRM's. signal is heard pretty far, for lokw, what do you expect? That does it for now, detailed GTG report in next ABUSINGS column. 73 and KSP1

SOME DAFFINITIONS:

A Nervous Postman : A very wary Verie Fairy. A Two-Way radio bought from WISN+1130, which doesn't work: A balky Milwaukee Walkie Talkie. A directional pattern out of whack: An awry array. Clear Channel: Communications Receiver: A set the store writes you about when you miss a payment. Fraquency Counter. What's the difference - who needs one? There are exactly 107 frequenci

| Frequency Counter: | What's the difference _ who needs one? There are exactly Everybody knows that! | 107 frequencie |
|--------------------|---|----------------|
| N.R.C. Loop: | A swingin' antenna! | FECOMON |

N.R.C. Convention: An excellent way to lose your Summer suntan.

APRIL FUEL

-by DAVE SCHMIDT

Did you hear about the girl who wanted to join the Navy as a pilot? She said she wanted to be in the Air Vaves!

. nid you hear about the station in Peachtree, Ga. that ran a DX TEST? Everyone heard it but they reported the audio being a little fuzzy! rid you hear about the station in British Columbia that was so hard up for cash they sponsored a salmon race? _____ _____ Felcome to a new member in Panasonic, New Jersey - Ray Dio. _____ New Raceiver - Ripley Radio! Once you hear a atation, you can believe it or not! _____ show me a man who's a disc jockey and I'll show you a man who's on spins and needles: , how me a man with a song in his heart & 1'll show you a man with a pacemaker made by Hammarlund _____ Liner effering a "Rock and Roll Sandwich" - that's a bun with pebbles on it! The inventor of AM Stered was recently sick - came down with a case of mono! _____ Definition of a DXer - a person who lets his mind go right down the tubes! _____ Next week on the XEkP mystery Playhouse we'll find out why no one knowthe garbageman was hiding in the closet until the wind changed. _____ Send a large SAS to Flywheel and get in return ... 99 things to do with turnips, 75 illegal. The Agriculture Department has offered a report on Everything You always wanted to know about Lettuce but didn't have the head to ask. The NRC has a professor in its membership who designed a new mattern for arryle socks - now that's a real knit wit! _____ XEG recently offered a new book which was autographed by the author. Many were dissatisfied when they received the book and found nothing but a big X inside. It was later learned that the suthor couldn't write and he didn't write the book - he typed it! How, here are some people we'd like to see Larry King have on his show: SLORIA STEINWAY - Female activist engaged in equal rights for planes. HEINO LEAL - Famous big game hunter from Walkingford, Pa. BIRD REYNOLDS - Famous actor who sleeps in trees. - Famous person who starts a lot of forest firest SERT SEARKS FCBEY VINTAGE ... Popular singer who is the son of Julio Gallo. SHA-NA-NOOK - A famous 50's singing group from Fairbanks, Alaska. . Famous Japanese actress with good mileage. JAKE HONDA AMETTE FUNCIELLS _ Famous person who sings in seven flavors and can't keep still. One of our many all night stations was recently offering Lucille Ball Panty Hose - not only do they get runs, they get re_runs! "Un our next talk show, we will talk to a professor who is trying to determine how long America was lost before Columbus found it." Une all night talk show recently interviewed a scientist who was trying to determine if the Eiffel Tower really did contain any Eiffelt Next week, WXEG will be interviewing a farmer who can gargle in Spanish, and tell us about how he took the burps out of turnips, and the new book he recently published, "Something you can do with Parsley." -------Did you know that the first Public Service Announcement ever run on radio was for a party to be held or the Titanic for the "It Couldn't Happen in a Million Years Club?" A hat maker was recently turned down as a prospective person to be interviewed. They said he was too much of a put on. ion't forget to write for your free pamphlet for 30 things you can do with 3-in-1 oil - all of them disgusting! ----------Lew Receiver - Bagel Hadio - just set it on a station and it locks' it ini In a recent doctor's program, an automobile mechanic reported he wasn't feeling well. It was finally determined he was two quarts low.

fircial notice - the monthly meeting of the Vic Damone Fan Club has been canceled due to boredo

A new reporter to Eusings reports that he's going to make a lot of money this year... he just bought a printing pressi

A New York clothing dealer recently ran an ad on ar all night show, "Be a real honey, bring us more money' We take cash, checks, credit cards and hostages when you don't have the first three:

A new member who recently joined the Club reports he can make himself a directional loop by just putting his hands on his side. Velcome to Arms Akimbo.

There was once a EXer who bought a bunch of very high priced radios in the hope that it would make him a better EXer. It didn't help but there was one thing that no one could take away - his New York accent!

XERF is now offering a special book, "Wy trip to the zoo" by Warlin Ferkins.

Then there was the NRCer who got a job at a playground - says they gave him the swing shift.

Recently an all night talk show had an interview with a man who likes to race motor cycles. Only thing was, he couldn't figure out why they always beat him!

Then there were two twin brothers who recently joined the Club. Their first Musing stated they worked in an ice cream parlor and were known as "The Double Dips."

Than there was the DXer who had a date with a printer's daughter. It didn't work out - said she wasn't his type.

NKEW recently ran an ad for EUFFALO CLEANERS! . It was a Public Service Announcement for the street department who were looking for street sweepers!

On a recent case of the WABC Divorce Court of the Air - a dentist and a manicurist were recently seperated. They were always fighting, tooth and nail.

WBT recently played a song dedicated to a meat cutter - "Butcher Arms Around Me."

Did you hear about the new beauty queen the record industry picked? They chose a girl with measurements of $78 = 45 = 33^{2}$ i

News flashes; Share croppers in Iowa refuse to share their cropsi State of Maine revokes Frost's poetic license. Miniature cow in Indiana gives first quart of condensed milk.

Battle of Bands in Boston injures 35. Details on the farm show!

There was a DXer who claimed his radio was worth a million dollars. Hosever, that same person was recently arrested when he tried to cash in the knobs from his TRF1

XERF is advertising a new fast food restaurant - Arno's International House of Spami (signed) DAVE SCHMIDT - - - -

And now, by Poor Old Ernie Cooper. I picked up a newie the other MM - "Radio Nylon". They announced they have been stocking up their record library. No wonder they had such a sock!

And, this announcement just in from Louisville. In order to help save energy, the National Radio Club will from now on be closed on Sundays.

Isn't it funny? With all the new religious_oriented radio stations, we don't see any improvement in people.

But we like WGOR-1520's new slogan. You know - they're the religious station in Forth-Western Ohio - "Holy Toledo."

We see there's an application in for a new station in Dedham, Mass. They want 1,000/250 U-1 on 11.50 - a nutural for that city, on a graveyard channel.

I recently called up a certain station which was noted on about 1541 on its AN show. The engineer-on-duty explained, "Oh, you see, I've just smoked a joint and we're a little on the high side!"

I just heard a very humorous record on an SS station. At least I think it was humorous - at least it sounded furny to me.

As an ex-resident of Brooklyn, New York City, I can truthfully say "DXing in Fun City is about as rewarding as a deep-sea fishing trip to Wyoming."

And remember, you Diers who wear glasses _ don't wear them out _ take them off when you're not looking at the dial. Conserve!

APRIL NCKSENSE

pid ja notice? We just changed the name of this section - like everybody else, we just ran out of FUEL.

In fact, we're now heating this barn thus'y: The living room with hot tempers, the radio nook with hot music, and the kitchen with hot cross buns.

The number of compliments we received after last year's column has nothing to do with its re-appearance this year. What was that number, you ask? Ever hear of (blank) Mostel?

We were happy recently to receive a Musing from our "Travlin' Man" George Greene, on his recent visit to Akron.

And there's another NRC Traveler from Ohio, Frank Merrill. What is there about Ohio that makes travelers out of its residents?

Remember, if you try to be obmoxious, you'Il likely succeed.

No, it is not true - you do NOT need a luminous dial to listen to the Night Watch Show.

A local DXer missed the entire World Series last October. He spent all the time looking for the Pirates on 1620.

We heard an interview with a prominant football coach, who proudly announced he has just acquired a six-foot-sight-inch wide receiver: Wonder if it was an R-3906?

A * Multiplier is a marvelous gadget. Why just the other evening I tuned in WFTQ Hind, known locally as hi-C. I turned on the Q-Mult, and presto: The next ID, "28-61"

Remember, you cannot get Telsphonitis if you have a lot of hang.ups.

Do you recall a while back I had trouble with it taking ages for the receiver to warm up? Why Nolan Ryan could warm up before my set was ready to go - and he'd be working on his tenth strikeout by the time the thing turned onl

And we got a charge out of this selection, recently heard on a local FM station: "The First Time ever I Sawed Your Fore" - by the Carpenters.

What is everybody screaming about, with the proposed mine kHz separation plan? Just think - then SVERY station will be on a split channell Now! What DX!

Let's go back to the Q-Multiplier for a moment. You know how to make the voice clearer when you pick up a station with a female LJ? Put your Q-Mult on "Broad"!

For a while I thought my racio was on the bum - but it was the other way around - the bum was on the radio.

We noted with interest a recent discovery that you can enhance the performance of a TRF by putting your finger on the exterior antenna post. And now we have a way to make that into a directional antenna _ just hire yourself a whirling dervish!

We cought a Venezuelan frequency check. They're very easy to pick out - just listen for a I,000 cycle note with a Spanish accent.

We have a new member who is of Royalty. He is a Prince - well, he must be - his brother is a Gueeni

Here's a co_inky_dinky. We have two lawyers in the Club and they are going to try a case against one another, a case involving the suit of a "lady of the evening" by the wife of one of her customers. So one NRCer against another as barristers _ The Lawyer for the Prosecution vs. the Lawyer for the Prostitution:

The have a new retired ex.Army officer joining the Club - Major Factor. He lives in Tab, a suburt of Pepsicola, Florida.

And - flash - this justémme over the telefunken- Stop and Shop is merging with the A & P.! They're coirg to call their super markets; Stop & Pl

We got a call on the hot line the other morning, and the guy said, "I'd commit suicide, but I'd Brobably live to regret it!"

And, it is time to leave you for another year - but just so the 27 of you who complained about "Old Faithful" (the ancient but revered old L.C.Smith typewriter of Musings fame) she is mad at you, and she refused to do this section! And as she sits over there sulking "hile we bang away on this one, it's so long, and enjoy the next 366 days till next April 11