



# DX NEWS

*the magazine of the  
National Radio Club*

— SINCE 1933 —

Volume 47, Number 1

Monday, October 8, 1979

## STATIC FROM HQ

Thus beginneth the 47th year of the National Radio Club, and the 71st issue coming to you from Louisville. And it only seems like 5 years ago!! Your guest editor this time is none other than Dick Truax, giving my first (and perhaps last) effort at this task as Ted is absent and Pat's hands are a bit numb from typing the 16 pages of the membership list partially contained herein.

This issue is another biggie...48 pages of concentrated DX related news, which is what it's all about. The awaited St. Louis Convention report has not materialized yet, we expect to hear from Lou momentarily and will have it and additional pictures hopefully by next issue. Now on to matters at hand:

## CPC TESTS

12/1 CJVB-1470 Vancouver, B.C. 2300Sat.-0100Sun. ELT. Special DX program initiating regular programming with 50,000 watts. Prepaid calls will be welcomed (telephone number will be announced later) Listener reporting from the greatest distance will receive a trip to Vancouver, arranged by the station.

12/2 WVLC-1170 Orleans, Mass. 0400-0530 ELT, 1 kw D-3. Will be NRC and PoP test during WWVA's silent period. More details later. Arranged by Ernie Cooper/NRC

Now is the time to get those tests scheduled and give us here at HQ. as much time as possible to alert the membership to insure maximum participation.

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## THEY JOINED

Welcome to our newest members!!!

Gus H. Hahn, 2389 Victory Blvd., Staten Island, New York

Ronald K. Harries, #1404-4300 Mayberry Street, Burnaby, British Columbia  
V5H 4A4

Tanny Madsen, Bergasavagen 3 A, S-311 00 Falkenberg, Sweden

Michael A. Todd, P.O. Box 392, Banner Elk, North Carolina 28604

The next issue is October 22 and then into weekly issues beginning November 5. Once again we are soliciting articles for the upcoming season. We at HQ. will happily furnish the legal size paper and, if necessary, will arrange to get your article typed. Also we would like to once again mention that we are always looking for volunteers to serve as backups for the various columns and club positions.

*Dickie*

# AM SWITCH

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

Not a great deal to report this month; summer doldrums must be catching up with the FCC applications staff I guess. By the way, frequently there are internal shifts of personnel within Bureaus of the FCC and this can materially affect the apparent amount of work each turns out.

Here's what's up:

### STATION ADDITIONS OR CHANGES NOW IN EFFECT:

#### Changes in call sign of existing stations:

- 1150 - WBAG, Burlington, NC is now WQRB
- 1400 - WWSF, Loretto, PA is now WAMQ
- 1530 - WPNO, Auburn, ME is now WRXV
- 1590 - WYIG, Jackson, Miss is now WCCL

### STATIONS AUTHORIZED TO CHANGE FACILITIES:

- 1090 - KLDL - Denver, CO will go fulltime 50,000/1000w. (DA-2).
- 1090 - WSLG - Gonzales, LA will remain daytimer increasing to 10,000 w. (DA).
- 1280 - WMCP - Columbia, TN will go fulltime with 5000/500w. (DA-2).
- 1380 - WIZO - Franklin, TN will remain daytimer, remain at 5000w., go non-directional.
- 1450 - KRZY - Albuquerque, NM will move to 1090 kHz with 50,000/2500w. (DA-2).
- 1480 - KEHG - Foston, MN will go fulltime with 5000/2500 (DA at night only).
- 1540 - KKAP - Aptos-Capitola, CA will remain daytimer increasing to 10,000w. (non-DA)
- 1570 - WCLE - Cleveland, TN will remain daytimer but increase to 2500w.
- 1580 - WBBR - Travelers Rest, SC will remain daytimer but increase to 5000/1000CH.
- 1600 - KGST - Fresno, CA will go fulltime with 5000w. (DA).
- 1600 - KOGT - Orange, TX will change to 5000/1000w. (DA-2).

### CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS:

- 1150 - New - Gaithersburg, MD - 1000/500 w. (DA-2).
- 1460 - New - Elkhorn City, KY - 1000 w. daytimer.
- 1600 - New - Hyden, KY - 500 w. daytimer.

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

- 1010 - WPKY - Dora, Ala.
- 1290 - WOPP - Opp, Ala.
- 1420 - WEQC - Kalkaska, Mich.
- 1470 - KQAC - Glenwood, Ark.

### MODIFICATION OF CONSTRUCTION PERMIT GRANTED (Not on the air yet):

- 1140 - WKCM - Hawesville, KY will use 2500CH w.

### APPLICATIONS RECEIVED BY THE FCC BUT NOT YET EXAMINED NOR ACCEPTED:

- 950 - New - Coushatta, LA wants 500 w. daytimer.
- 980 - New - Sisters, OR wants 5000 w. (DA) daytimer.
- 1190 - New - Cobleskill, NY wants 500 w. daytimer.
- 1240 - New - Coeur d'Alene, ID wants 1000/250 w.
- 1290 - New - Littleton, KY wants 2500 w. daytimer (DA).
- 1330 - New - Mount Juliet, TN wants 500 w. daytimer (DA).
- 1380 - New - Clintonville, WI wants 5000/2500 (DA-2).
- 1420 - New - Payson, AZ wants 2500/500 w. (DA nights)
- 1470 - New - Tremonton, UT wants 5000 w. daytimer.
- 1360 - WZNG - Winter Haven, FL wants to go fulltime with 5000/2500 w. (DA-2).
- 1310 - KCRE - Crescent City, CA wants to go 250/1000 w. (!) with DA @ night.
- 1170 - WCLN - Clinton, NC wants to remain daytimer but increase to 5000 w.
- 1050 - WCRI - Scottsboro, Ala. wants to stay daytimer, increase to 1000 w.
- 1000 - WIQT - Horseheads, NY wants 5000/2500CH w.
- 920 - WMEL - Melbourne, FL wants to increase to 5000/1000 w. (DA nights).

That's all she wrote this time -- more on or about November 3rd. Have a good Halloween!

*John*

# DOMESTIC DX DIGEST

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

Deadlines are Saturdays. Please use ELT when reporting. Welcome to all the new reporters this time around. I've made an attempt to list all stations that were on during the hurricanes in the "SPECIAL" segment.

### FREQUENCY CHECKS

- 1st Mon. WCNC-1240 not heard (DY-CT)
- WVVI-1000 not heard (DY-CT)
- 1st Wed. WCPM-1280 per list (DY-CT)
- 1st Thu. WFOY-1240 per list (DY-CT)
- WRAW-1340 not heard (DY)
- WPMH-1010 not heard (DY) Think they're 1st Fri. Dave. (RA)
- KCLU-1590 not heard (DY-CT)
- 2nd Tue. WSNJ-1240 w/TT (DS-DE)
- WRAA-1330 w/TT (DS-DE)
- 3rd Mon. WHHO-1320 w/TT (DY-CT)
- KMUS-1380 fair, per list (RK-IL)
- 3rd Tue. WSIG-790 fair, per list (RK-IL)
- WOHN-1440 w/TT per list (RK-IL) (DY-CT)
- WAHT-1510 good w/TT per list. (RK-IL)
- 4th Mon. KCJB-910 w/TT per list weak for ND #1!! (DY-CT)
- WTON-1240 not heard. (DY)
- WOND-1400 w/TT per list (DY)
- WJDY-1470 w/TT per list (DY)
- WGOE-1590 w/mx (DY-CT)
- 4th Wed. WASR-1420 not heard past few months. (DY-CT)
- 4th Fri. WICY-1490 not heard (DY-CT)
- WIKE-1490 not heard (DY-CT)

### SPECIAL

- 520 NPGG -- ----- - 8/24 beacon atop @ 0035, good signal, location unknown. (DY-CT)
- 540 WGTO FL CYPRESS GARDENS - 9/3 & 9/4 on AN w/day pattern/power, 50KW due to hurricane David. (DS-DE) (SEM-TN) (MAS-IL)
- 630 WKBX GA SAVANNAH - 9/4 0010 fair o/KXOK/WLAP w/hurricane warnings running 5KW ND. (MAS-IL)
- 690 WAPE FL JACKSONVILLE - 9/3-9/4 50KW day pattern/power thru the night due to hurricane David. (DS-DE) (SEM-TN) (MAS-IL)
- WTIX LA NEW ORLEANS - 9/12 0200-0215 loud in Cuban null w/T40 & storm info. (DS-DE) (SEM-TN)
- 710 WKRG AL MOBILE - 9/12 clear 2220-2230 w/hurricane Frederic info.
- WGBS FL MIAMI - 9/2-9/3 good signal running AN atop frequency w/hurricane info, many phone-in reports, T40 mx. (DS-DE)
- 740 WBAM AL MONTGOMERY - 9/12 0238 alone on freq. (MAS-MD) w/hurricane info. (DS-DE) 9/12 on late & thru the night w/hurricane info. (SEM-TN) 9/13 still on AN w/live reports related to storm. (KVJ-GA)
- 790 WLBE FL LEESBURG - 9/4 0020-0040+ fair w/storm info, MoR. (DS-DE)
- 920 WKYD AL ANDALUSIA - 9/12 in local WGST null, sounded like day power, w/rept. from local Civil Defense, C&W mx.
- 940 WINZ FL MIAMI - 9/3 AN w/high power w/storm info. (KVJ-GA)
- 950 WHPN NY HYDE PARK - now BFL Format.(DY)(DY-CT)
- WBKH MS HATTIESBURG - 9/12 2340 on past normal s/off time w/hurricane Frederic info. (SEM-TN)

**cko**

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1080

RAYSTOWN RADIO, INC.

P. O. Box 107  
Huntingdon, PA 16652

1000 WQTY AL MONTGOMERY - 9/12 on past s/off w/hurricane Frederic info 2042-2224. (SEM-TN) (KVJ-GA)  
 1010 WMOX MS MERIDIAN - 9/12-9/13 on for hurricane Frederic w/info, was operating @ full power until early morn. then the power in Meridian went. (KVJ-GA) (RK-IL)  
 1050 WJSB FL CRESTVIEW - 9/12 2215 w/school closings & RS sounding nx-cast, AM-FM ID. (KVJ-GA)  
 1060 WNOE LA NEW ORLEANS - 9/12 0150 loud w/KYW w/T40, storm info. (DS)  
 1090 WKSP SC KINGSTREE - 9/4 2043 on for hurricane David w/reports from Charleston/Savannah areas. (KVJ-GA)  
 1100 WHLI NY HEMPSTEAD - is now Big Band Format. (DY-CT)  
 1290 WIRK FL WEST PALM BEACH - 9/3 0040 noted w/hurricane David nx, rr, 1st time heard in many years. (DS-DE)  
 KLEH IA ANAMOSA - 9/15 1547 new local 2nd day on w/C&W, 500W moderate null to SE, PSA power unknown. (DB-IA)  
 1300 WAVZ CT NEW HAVEN - Red Sox Net, no longer on WNHC-1340. (DY-CT)  
 1330 WFTP FL FT. PIERCE - 9/3 0223 weak w/storm related nx. (DS-DE)  
 WRRD MN ST. PAUL - change from C&W to Rock Format as of 9/19. (GL-MN)  
 1430 ---- IL CHICAGO - Drive In Theatre in Chicago Area, poor, bad het & weak garbled audio w/movie. (RK-IL)  
 1450 WXOL IL CICERO - 8/12 0514 new stn, black programming, presently shares time w/WFMT, soon a Polish stn will share the time and WFMT will go off, not sure on operating sked but they do operate AN until 0600. (RK-IL)  
 1480 WSAR MA FALL RIVER - is now AN MM's w/Mark Williams Show, mostly talk, some mx....noted 9/17. (RA-MA)  
 1540 WPTR NY ALBANY - 9/7 0104 apparently off, leaving a loud KXEL. (DY)  
 1560 WQXR NY NEW YORK - s/on 0530, not 0600. (DY-CT)  
 1570 WYHI FL FERNANDINA BEACH - 9/3 on for hurricane David 2213 w/ments, of having standby power ready for staying on as long as possible. (KVJ-GA)  
 WLSC SC LORIS - 9/4 2026-2058 on emergency broadcast due to hurricane David w/YL anncr, rr, wx w/SC Net Nx. (KVJ-GA)  
 1580 WGTW FL MT. DORA - 9/3 2204 on past normal s/off due to hurricane David. (KVJ-GA)  
 WSBP FL CHATTAHOOCHEE - 9/12-9/13 on AN w/full power due to hurricane Frederic. (LS-FL) (KVJ-GA)  
 ---- IL CICERO - Bel Air Drive In Theatre or "Radio Free Movie" running movie soundtrack, poor audio, noticeable het garbling CBJ. Separate programs supposedly on 1330 & 1430, but not heard by anyone I know. (MAS-IL) 8/25 0110-0210 fair/good w/severe het w/the movie, Meatballs. Theatre located about 11 miles from my shack, but destroys 1580 w/the het, could not have been on long, as I've never noticed this before. (RK-IL)  
 1620 UNID -- ---- - 8/24 0008 Pirate also noted 6/27 0005, 9/7 0031 w/good signals, rr/OC, no IDs much QSB, loops toward NYC, better than WFAT signal, WCBX maybe? (DY-CT)

#### SUNSET TO MIDNIGHT

550 WGNG RI PAWTUCKET - 8/23 2300 good o/WGR w/nx. (DY-CT)  
 570 WKYX KY PADUCAH - 9/3 1520 good w/spot for "Big K" Clothing Shop, wx & furniture spot. (WPT-MO)  
 690 WTIK LA NEW ORLEANS - 9/18 fair w/Rock, ID, contest promo on au night 2330. (PRM-OH)  
 KGGF KS COFFEYVILLE - 9/17 2155-2200 w/Royals BB, ID, little QRM, fair signal. (DB-IA) (WPT-MO)  
 710 WGBS FL MIAMI - 9/2 2240 xlnt w/nx & info on hurricane David.  
 960 WTCH WI SHAWANO - 9/15 fair w/SAH 1926 w/ID/C&W mx. (DY-MI)  
 990 WHOO FL ORLANDO - 9/14 2137 atop w/C&W mx, wx. (DY-MI)  
 KNIN TX WICHITA FALLS - 9/17 2220 weak w/ID, wx, 1st time on night power. (DB-IA)  
 1090 KAAV AR LITTLE ROCK - 8/31 2030 local-like signal w/T40, ID by male DJ. (WPT-KY) (DY-CT)  
 1120 WUST DC WASHINGTON - 8/23 2000 quick s/off barely audible in QRN.  
 1150 WDEL DE WILMINGTON - 8/19 2028 noted w/Phillies BB, rare. (DY-CT)  
 WGGH IL MARION - 9/12 very strong 1450-1500 w/REL, ID & nx @ top of hour. (SEM-TN)  
 1160 WJJD IL CHICAGO - 8/31 1400 fair @ high noon, 1st time heard midday in August in DC w/C&W mx, Ai Net Nx, ID. (WPT-DC)  
 1190 KHAD MO DESOTO - 9/10 2013 good w/mx to s/off. (SEM-TN)

1230 WHUC NY HUDSON - 8/19 atop @ 2030 s/off. (DY-CT)  
 WBRZ PA LOCK HAVEN - 8/19 2032 fair w/Phillies BB. (DY-CT)  
 1350 WWBR PA WINDBER - 9/17 1924-1930 atop w/MoR w/DJ closing out program, s/off ments, PSA power (389W) & 2.5KW, studios in Johnstown, vocal SSB. Way atop WZIX, long wanted. (DS-DE)  
 KRNT IA DES MOINES - 9/14 2011 poor w/Royals BB. (DY-MI)  
 1360 WNNJ NJ NEWTON - 8/23 2005 fair w/nx in WDRG null. (DY-CT)  
 1400 WHLP VA SO. BOSTON - 8/26 2006 fair w/Oriole BB. (DY-CT)  
 WFEC PA HARRISBURG - 8/26 2218 w/area wx. (DY-CT)  
 1410 WRDC MS CLEVELAND - 9/13 2010-2015, ID/C&W mx, then s/off. (SEM-TN)  
 KTCS AR FT. SMITH - 9/13 2028 very clear w/mx, then s/off. (SEM-TN)  
 1500 WBRI IN INDIANAPOLIS - 9/14 1937 fair w/REL o/WDEE. (DY-MI)  
 1550 WXVA WV CHARLES TOWN - xlnt 2000-2015 every evening in August, s/off way atop 8/26 2016 w/WZFM 98.3 ments, w/SSB. (DY-CT)  
 UNID -- ---- - 8/26 2015 s/off u/WXVA w/no mx, ments, of FM-102. (DY-CT)  
 1560 WTOD OH TOLEDO - 9/12 1928 good w/C&W mx. (DY-MI)  
 1570 UNID -- ---- - 9/16 2229 FF Rocker, male DJ, heard briefly, much QRM, assume CKLM, who else could it be? (DB-IA)  
 1580 KESM MO EL DORADO SPRINGS - 9/11 2033 w/hymn, then s/off. (SEM-TN)  
 UNID -- ---- - 9/4 around 2015, strong OC on & off, sounded like a mike left on w/background sounds crashing around & peoples voices, nothing else noted. (KVJ-GA)  
 1590 WNTS IN INDIANAPOLIS - 9/14 1948 atop w/REL. (DY-MI)  
 WAIK IL GALESBURG - 9/14 good w/detailed 2001 s/off, no mx. (DY-MI)  
 1600 WWRL NY NEW YORK - 9/14 2125 amazing signal, better than in CT, is DA to SE. (DY-MI)

#### MIDNIGHT TO SUNRISE

540 CBK SK REGINA - 9/3 0206 fair o/WGTO w/CBC Nx, ID, song by The Cadillacs. (WPT-MO)  
 WGTO FL CYPRESS GARDENS - 9/3 0134 xlnt w/full power to to hurricane. (WPT-MO)  
 550 KTSA TX SAN ANTONIO - 9/3 0224 fair/good 0239 w/oldies & spot for nursing school, ID. (WPT-MO)  
 560 WFIL PA PHILADELPHIA - 8/6 0154 fair/good w/UPI Nx, local nx. (SM-MA)  
 630 WAVU AL ALBERTVILLE - 9/4 strong 0758 w/spot, ID. (SEM-TN)  
 640 KFI CA LOS ANGELES - 9/3 0310-0316 w/Cuban faded out for 6 golden mins. giving time & temp. followed by tele-talk show. (SEM-TN) 9/3 0111 good w/Cuban QSBed out w/ID, wx, T40 mx w/male DJ. (WPT-MO)  
 690 KGGF KS COFFEYVILLE - 9/14 0650 good w/Farm Show. (RK-IL)  
 UNID -- ---- - Date? EE rr, no ID @ 1/2 hr. looped E-W possible ET w/mx 0128-0132. (DY-CT)  
 700 WLW OH CINCINNATI - 9/6 0705 fair/poor w/nx & slight KMPC slop. (WPT-AZ)  
 710 KGNT TX AMARILLO - 9/6 0702 nx & wx by YL, farm reports, fair/good o/KMPC. (WPT-AZ)  
 740 KCBS CA SAN FRANCISCO - 9/6 0634 Lunar Eclipse discussion by OM/YL, xlnt signal. (WPT-AZ)  
 KRMG OK TULSA - 9/6 0634 fair u/KCBS w/OK State Nx, wx, ments, a.Lunar Eclipse. (WPT-AZ)  
 WKIS FL ORLANDO - 8/20 0126 alone w/fair signal. (DY-CT)  
 760 KFMB CA SAN DIEGO - 9/6 0628 T40 mx, ID fair w/some KCEE slop. (WPT-)  
 780 WBBM IL CHICAGO - 9/6 0625 fair w/talk, moderate KCEE slop. (WPT-AZ)  
 790 WMC TN MEMPHIS - 9/3 0143 good w/C&W mx, wx rpt. (WPT-MO)  
 WEAN RI PROVIDENCE - 9/11 0059 noted w/Lottery numbers, ID, CBS Nx, rare in these parts. (DS-DE)  
 800 WCCM MA LAWRENCE - 9/5 0630 fair in WLAD null w/ID, nx. (DY-CT)  
 820 WBAP TX FT. WORTH - 9/6 0615 xlnt w/Farm programming, PSA for West Texas Rehab Center. (WPT-AZ)  
 830 WCCO MN MINNEAPOLIS - 9/6 0613 good w/nx, wx. (WPT-AZ)  
 WNYC NY NEW YORK - 9/17 0600 fair, mucho WCCO QRM, w/SSB, then s/on. (RK-IL)  
 850 WEAT FL WEST PALM BEACH - 8/20 0105 atop w/Ai Nx, C&W mx. (DY-CT)  
 WKIX NC RALEIGH - 8/20 0221-0233 ET/TT/OC/ID. (DY-CT)  
 WRAP VA NORFOLK - 8/6 0026 u/CKVL w/ID. (SM-MA)  
 CKVL PQ VERDUN - 8/6 0030 good w/ID in FF. (SM-MA)  
 880 KRVN NE LEXINGTON - 9/6 0530 good w/ID by CE. (WPT-AZ)



900 UNID -- ----- 9/6 weak TT 0116-0135\* (DY-CT)  
 920 UNID -- ----- 9/6 TT/OC 0108-0130 then off, no ID. (DY-CT)  
 940 WINZ FL MIAMI - 9/3 0120 weak w/storm info. (DS-DE)  
 960 CHNS NS HALIFAX - 8/13 0223 xlnt w/mx, ID. (SM-MA)  
 KGIR MO CAPE GIRARDEAU - 9/17 0058, fair w/s/off. (RK-IL)  
 WELI CT NEW HAVEN - 8/27 ID @ 0100, ET/TT/OC. (DY-CT)  
 970 WCSH ME PORTLAND - 9/11 0105 topping WWDJ/WWSW w/rr, "AM 97, CSH"  
 IDs. (DS-DE) 9/17 0617 good w/ID, was ost wanted  
 here for over 3 years. (RK-IL) Nice going, Bob. (RA)  
 WWSW PA PITTSBURGH - 9/3 0236 fair u/WWDJ w/sports. (DY-CT)  
 UNID -- ----- 8/27 loud TT @ 0054. (DY-CT)  
 980 WONE OH DAYTON - 8/20 0210 good in CKGM null w/C&W mx,  
 WTRY/WRC off. (DY-CT)  
 1030 KTWO WY CASPER - 8/6 0101 new, barely audible w/ID w/KDKA  
 splatter. (SM-MA)  
 1070 WFLI TN LOOKOUT MOUNTAIN - 8/15 0225 loud on ET/mx/ID. (SM-MA)  
 WSCP NY SANDY CREEK-PULASKI - 9/5 0607 good w/nx, wx. (DY-CT)  
 UNID -- ----- 8/20 fair 0050-0154+ w/TT. (DY-CT)  
 1080 WKJJ KY LOUISVILLE - 9/12 0140 good w/promo. (RK-IL)  
 WVCG FL CORAL GABLES - 9/17 0227-0302+ loud on ET/TT/OC w/day  
 pattern, ID @ 0258, WTIC off. (WTIC also noted off  
 MM 9/24.) (RA-MA)  
 1100 WWWE OH CLEVELAND - 9/3 0017 off and ETing. (DY-CT)  
 1110 WVNH NH SALEM - 9/17 0630, tent. the one w/2 verse vocal SSB.  
 Thanks to the NH phone co. I wasn't able to get thru  
 to find out, WUHN says it wasn't them. (RK-IL)  
 1120 WWOL NY BUFFALO - 8/20 0035 o/KMOX w/ET/TT/OC. (DY-CT)  
 1140 WAOK MS MCCOMB - 9/13 w/hurricane Frederic info, signed off  
 @ 0030. (RK-IL)  
 1200 WOAI TX SAN ANTONIO - 9/6 0711 xlnt w/wx & local nx. (WPT-AZ)  
 1210 WCAU PA PHILADELPHIA - 9/6 0533 good w/TC & nx about storm  
 damage in PA-NJ-DE area. (WPT-AZ)  
 KGYN OK GUYMON - 9/6 0712 good/xlnt w/C&W mx, farm oriented  
 programming. (WPT-AZ)  
 1220 CJRL ON KENORA - 9/17 0156 fair w/WGAR off w/CHMM ID. (RK-IL)  
 1230 KGRO TX PAMPA - 9/12 0105 good w/ET/TT/ID @ 0114 then off,  
 possibly a F/C. (RK-IL)  
 WCWA OH TOLEDO - 8/27 0108 good w/contest promo. (RK-IL)  
 CKMP ON MIDLAND - 8/27 0600 poor w/O Canada, then s/on. (RK-IL)  
 WMPC MI LAPEER - 8/15 0518 fair w/sports. (RK-IL)  
 WCUZ MI GRAND RAPIDS - 8/25 0051 fair w/ID & C&W mx. (RK-IL)  
 CHVD PQ DOLBEAU - 8/27 0033 atop w/FF tele-talk, lady laughing  
 hysterically-cuts QRM almost as well as sweep tones,  
 try it on a DX Test? 1st Canadian GY. (DY-CT)  
 1240 WJTN NY JAMESTOWN - 8/17 0035 w/Ae nx, new. (DY-CT)  
 WCNC NC ELIZABETH CITY - 9/9 0300, fair/good in WEDC null  
 w/SID, ET? (RK-IL)  
 WWWC NC WILKESBORO - 9/19 0101 fair ending nx w/full ID. (PRM-OH)  
 1250 UNID -- ----- 8/20 0015-0300+ TT fair/good. (DY-CT)  
 1260 WEZE MA BOSTON - 8/27 0052 w/announced ET/TT/OC/ID. (DY-CT)  
 1280 WFXN NY ROCHESTER - 9/4 0105 noted w/ID, then Larry King. (DS-DE)  
 KDKD MO CLINTON - 9/17 0700 good @ s/on. (DB-IA)  
 1290 UNID -- ----- 8/27 0053+ loud TT. (DY-CT)  
 1300 WERE OH CLEVELAND - 9/3 0145 atop w/Best Of Larry King. (DY-CT)  
 1310 WBIO NJ PARSIPPANY-TROY HILLS - 9/18 0025 good on ET/TT/mx  
 & IDs. (RK-IL)  
 UNID -- ----- 9/4 0103 noted start of AT 40, odd time to  
 run it (Tues. morn.), any ideas? (DS-DE)  
 UNID -- ----- who dominates here w/REL 0000+ nites  
 ...can never ID this rascal. (DY-CT)  
 1330 WPFI GA CARROLLTON - 8/29 0642, dominating in mild Aurora  
 w/spots. (RK-IL) 9/12 strong @ 0610 w/ID, mx. (SEM-TN)  
 KUKU MO WILLOW SPRINGS - 9/12 clear @ 0730 giving ID, temp.  
 then nx. (SEM-TN)  
 1340 WHAT PA PHILADELPHIA - 9/7 0044 atop w/local ads. (DY-CT)  
 UNID -- ----- 9/7 0049 w/C&W, WCVI? (DY-CT)  
 1370 WKMC PA ROARING SPRINGS - 9/4 0051-0105+ ET w/album Rock, TT,  
 ID 0059 ment. "Cove Broadcasting", very strong. (DS-DE)  
 1380 WQHK IN FT. WAYNE - 9/3 0005 good w/wx. (RK-IL)  
 1390 UNID -- ----- loud TT 8/20 0038-0157+ (DY-CT)  
 UNID -- ----- TT very loud 8/27 0037. (DY-CT)

1400 WJET PA ERIE - 9/10 0111 noted giving count-downs, way  
 atop, ID 0112 w/time, then rr & gone. (DS-DE)  
 WLLH MA LOWELL-LAWRENCE - 8/20 atop 0013 w/local ads, ID. (DY-CT)  
 WABY NY ALBANY - 8/27 0041 atop w/rr, NSP? (DY-CT) Think so. (RA)  
 1440 WJBQ ME WESTBROOK - 9/16 0616, atop w/PSA. (RK-IL) Nice! (RA)  
 WCBD PA CARBONDALE - 9/21 0011-0018 very loud on ET/TT/OC  
 w/full ID @ 0015. (RA-MA)  
 1450 WXVW IN JEFFERSONVILLE - 8/15 0140 new w/much WOKO splatter,  
 ID, GY #16 & #5 on this freq. (SM-MA) Good catch! (RA)  
 1470 WSAN PA ALLENTOWN - was noted off MMs 9/3 & 9/10 leaving  
 CKO/CHOW which both seem NSP now, so we lose one  
 & gain two! (RA-MA)  
 CKO PQ POINTE CLAIRE - 9/3 0143-0157 mostly atop CHOW w/nx  
 & feature items, 1st time here, WSAN evidently off  
 as not noted. (DS-DE)  
 CHOW ON WELLAND - 9/3 0154 topped freq. w/C&W mx Bingo promo  
 evidently NSP now. (DS-DE)  
 1480 WLEE VA RICHMOND - 8/20 0159 o/WJIT for a moment w/ID. (DY-CT)  
 1490 WARK MD HAGERSTOWN - 9/10 0058-0105 coming atop freq. w/adult  
 Rock, "15-ARK" IDs, nx on the hr...taken over by  
 WWDE later. (DS-DE)  
 WKAY KY GLASGOW - 9/14 0533, good in WOPA null w/ET/TT &  
 frequent IDs, sounding much like a freq/check. (RK-IL)  
 WPOR ME PORTLAND - 9/3 0033 briefly loud w/C&W mx. (DY-CT)  
 WBCB PA LEVITTOWN - 8/27 atop most of morning w/rr. (DY-CT)  
 1520 KOMA OK OKLAHOMA CITY - 9/6 0600 xlnt w/T40 mx, ID. (WPT-AZ)  
 1530 KFBK CA SACRAMENTO - 9/6 0600 good w/Larry King Show, some  
 KOMA slop...ID then nx. (WPT-AZ)  
 1540 KPOL CA LOS ANGELES - 9/6 0802 nx, ments. of Lunar Eclipse,  
 good signal. (WPT-AZ)  
 1550 WOKJ MS JACKSON - good in QRN 8/20 0122. (DY-CT)  
 WNTN MA NEWTON - 9/5 0630 s/on noted w/Thought For Day. (DY-CT)  
 1560 KCAD TX ABILENE - 9/6 0730 fair w/Farm pgm & ments. of  
 Abilene. (WPT-AZ)  
 KKAJ SD ABERDEEN - 9/7 0102 fair in QRN w/nx. (DY-CT)  
 1570 UNID -- ----- 9/6 TT sweeps 0045-0100+ fair/poor  
 u/CKLM/CFOR. (DY-CT)  
 WTLK NC TAYLORSVILLE - 9/14 0600 fair @ s/on. (RK-IL)  
 1580 KLOU LA LAKE CHARLES - 9/3 0118 fair w/AT-40. (MAS-IL)  
 WHHM TN HENDERSON - 9/8 0709-0718 w/frequent IDs, C&W mx. (KWJ-GA)  
 WSRF FL FT. LAUDERDALE - 8/20 0200 poor in QRN-QRN battling  
 LA w/C&W mx. (DY-CT)  
 CBJ PQ CHICOUTIMI - 8/20 atop 0005-0122+ w/ET/TT/OC. (DY-CT)  
 WYFA NY PATCHOGUE - good 9/17 on ET w/rowdy version of "Yellow  
 Rose of Texas" running parrallel w/TT, then ID  
 0037-0040. (PRM-OH)  
 1590 WETT MD OCEAN CITY - 9/3 0145 @ long last w/16-WET ID. (DY-CT)

John Clemmer; I received your report postmarked 9/20 on 9/24 just as  
 I was wrapping it up on this end, so your entries will appear in the  
 next DDXD. That about does it for this time so to all those who  
 contribute to this column, this Bud's for you!!! 73....

### THE BIG 13

DB-IA Doug Beard, Springville, IA  
 KJV-GA Karl Jeter, Decatur, GA  
 RK-IL Robert Kramer, Chicago, IL  
 GL-MN Gary Lovegren, St. Paul, MN  
 SEM-TN Sidney E. Marshall, Millington, TN  
 SM-MA Steven Miller, Boston, MA  
 PRM-OH Paul Mount, Nelsonville, OH  
 LS-FL Lance Sang, Jacksonville, FL  
 DS-DE Dave Schmidt, New Castle, DE  
 MAS-MO Mark Strickert, Wright City, MO  
 MAS-IL , Chicago, IL  
 WPT-DC William P. Townshend, Washington, DCTRF with wings  
 WPT-KY WPT at Covington, KY Airport  
 WPT-MO WPT DXing St. Charles by day, Wright City by night w/TRF w/wings  
 WPT-AZ WPT in Tucson, AZ w/TRF & ten gallon hat DXing during Lunar  
 Eclipse  
 DY-CT Dave Yocis, Fairfield, CT  
 DY-MI , E. Lansing, MI

mucho portable radios  
 HQ-150, TRF, SM2, Loop  
 HQ-129X, HQ-100C, Loops & LW  
 TRF  
 RF-2200, SM2  
 TRF  
 TRF, SM1  
 HQ-180A, Looped  
 GE TRF  
 TRF, RF-2200, LW  
 TRF  
 DX-160, LW, SM2, TRF  
 TRF

Rocket Ray. SX-122



# INTERNATIONAL DX DIGEST

Times are GMT. For ELT subtract 4 hours. Deadlines are usually Monday.

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

Crossed up LPC this time and started where I was supposed to on the page. Pat is probably thinking what a nice way for me to start the DX season. I hope he's not foolish enough to think my typing has improved also.

I see where John Clements has donated Ernie a typewriter.... it'd be nice if I was next on the list. Anybody want to go ahead and get it over with? Since Ernie has been editing 32 years and I've been at it 2 years, I figure you owe me at least 3 keys if you can't spring for the whole thing. K, G, and N would be really nice.

Serious technical note: the Atlas Centaur rocket launch was delayed until 0500 9/20 when I was unable to listen for the supposed effects.. The 9/14 date was of course perfect for my schedule so naturally the launch was postponed. WWV got the word out on the delay so if you were thusly made aware IDXXD would appreciate your loggings. (I forgot, I wish someone would fix the x on my typewriter too, it wants to go XXXX at the drop of a pin)

Yearly plea for support-those interested in LA DX should really get on the stick this season and the next few. The peak in geomagnetic activity is usually 2 years after the peak in sunspot levels; the current forecasts predict a sunspot peak for early 1980 so now is the time to find out what can be heard. September has already featured several fair auroras. Those saving money to invest in Beverage land, buy now. Those not saving for Beverage land, borrow now. Those doing neither, if you are considering the Jordan River for a site, contact Bruce Portzer and your life insurance agent.

"Nos estan recibiendo por preferencia, no por casualidad"  
(We are read by preference, not by chance)

"NRC, la que manda en DXismo"  
(NRC gives the orders in DX'ing)

Start of column  
(Start of column)

End of humor  
(End of humor)--HQ

Contributors from last issue, where we ran out of room:

Ray Crawford	Invercargill, NZ	XCR30, Beverages from 1000-4000 long
Mark Connelly	W. Yarmouth, Mass.	R390A, MW1, 2 37 meter phased wires
Bob Foxworth	Mineola, NY	HQ150, LW
Neil Kazaross	Narragansett, RI	HQ180A, Sanserino loop
Malcolm Maxwell	Atlanta, Jawjuh	DXX300, Trans-Oceanic, 1932 Bosch
Jeff Stover	New Milford, Pa.	SPR4, 1000' Beverage
CH	Decatur, GA	R390A, Drake R7, 1900' phased Bvg's

- 531 ALGERIA Ain Beida noted w/good carrier but weak audio-same deal on 548, 0445 9/8. (Connelly)
- 539 LIBYA (tentative) occasional AA mx noted, mostly just a big het on 549 0454 9/16. (Connelly)
- 540 USA WGTO Cypress Gardens, Florida heard unusually w/country mx from 0230, ID at 0300. First time I hear this stn because of blackout in Santo Domingo and R. ABC off due to Hurricane David hitting our island on 9/3. Many ads, very, very good. Are they going to be on the air in the evenings also? Not heard nights before? (Objio) Heard unusually because of unusual Hurricane David-they were on full power with non-DA for emergency broadcasts. They do have a nighttime permit at a low power I don't recall-maybe Ricketts Ray Arruda does-CH
- 540 VENEZUELA R. Perija, Villa del Rosario with a pgm of tangos and ID at 0120 on 9/1 after Hurricane David hit our country. (Objio)
- 540 UNID "R. Presentia"?? suspect this is the old R. Corporacion xmtr as many mentions of Sandinista, revolucion, march mx, etc. with alternating male and female annrcs Moscow style heard. Def-

- (540, continued) initely not Cuba. Atop 0431 8/24. Single pip on the half hour. (Yocis) A good possibility as I heard Cor-poracion relaying Radiodifusora Nacional de Nicaragua before Somoza came to the end of his sope, making this a likely target for takeover-CH
- 548 ALGERIA Oran loud w/female AA chanting 0455 9/16. (Connelly) Fair w/het on WGNG/WGK, country 48, 0326 9/10. (Yocis)
- 558 UNID weak het 0441 9/7, nothing likely. (Yocis)
- 560 JAMAICA ID as Radio One and ads of Air Jamaica straight to New York at 0132 on 9/1. (Objio)
- 560 USA WQAM Miami Beach w/information for shelters as Hurricane David is approaching Florida. Heard at 0307 on 9/2. (Objio)
- 580 PUERTO RICO WKAQ R. Reloj, San Juan with SID, first time heard after Hurricane David was close to these islands (PR-SD), ID at 0138 on 9/1 w/mx. 550-WPAB and 710-WKJB were on the air through David with their own power plants. (Objio)
- 585 SPAIN presumed w/weak carrier in WICC slop 0324 9/10. (Yocis)
- 610 CUBA GMHV Trinidad R. Rebelde not bad for 1000 watts, at times atop channel w/SS OM and mentions of Cuba, Rebelde 0157 9/5. (Yocis)
- 612 MOROCCO Sebaa-Aioun good w/chanting vocal, then long instrumental resembling Indian sitar mx 0453 9/8. Noted w/fragments of AA mx in heavy slop 0500 9/16. (Connelly)
- 612 UNID het 1040 8/15 and other dates, 4QR most likely. (Brown)
- 639 UNID very weak audio but KFI just too much 1103 9/11. (Brown)
- 640 GUADELUPE Arnouville heard signing off w/US rock, FF talk and "La Marsellaise" then brief calypso instrumental and OC 0200-0203 9/10. (Connelly)
- 660 HAITI R. Limiere, Port-au-Prince very good w/some FF talk at 0123 on 9/2. Also Ondas de los Medanos, Venezuela. (Objio)
- 660 CUBA CMHG Santa Clara poor in noise w/WNBC off 0515 8/20. (Yocis)
- 666 PORTUGAL Lisboa poor with mx then PP talk sloped by WRKO 0456 9/8. (Connelly)
- 670 CUBA San Pedro de Cacocum CMKP SS talk good u/WMAQ 9/3 0305. (WPT)
- 690 COLOMBIA LV de Colombia, Bogota heard very good ID'ing at 0127 on 9/2, pop mx and R. Guarachita off because of David. (Objio)
- 702 AUSTRALIA 2BL Sydney briefly strong w/mx 1101 9/11. (Brown)
- 702 MOROCCO hetting WLW 0335, fair signal on 9/10. (Yocis)
- 710 PUERTO RICO WKVB Mayaguez heard during the whole afternoon of 8/30, one of the few stations operating with their own generators as all power was cut in Puerto Rico. In the evening it became more difficult to be heard due to Venezuelan stns. (Objio)
- 710 USA WGBS Miami better than usual w/mx and position of David at 0320 on 9/2. (Objio) Non-directional for David-CH
- 710 VENEZUELA R. Capital, Caracas ID'ing as Estudio 710 at 0235, then disco mx. (Objio)
- 719 PORTUGAL Norte was potent bombing out WGN, sad sounding folk ballad by a woman noted at 0458 on 9/8. Very good w/light mx and interspersed PP talk 0502 9/16. (Connelly)
- 719 UNID het, Portugal 0322 9/10? (Yocis)
- 720 CUBA CMGN Colon talk in SS by OM fair u/WGN 9/3 at 0300. (WPT)
- 720 VENEZUELA YVOE Porlamar R. Vision good, alone with TC, ID between 2 lively SS vocals at 2347 on 9/6. (DeLorenzo)
- 725 COSTA RICA atop 0335 8/30. (Yocis) loud w/fast SS talk 0503 on 9/16. (Connelly)
- 729 SPAIN Oveido poor w/mx, weaker than 738 at 0459 on 9/8. (Connelly)
- 730 COLOMBIA HJCU Bogota R. Melodia good w/Colombian mentions 0000 9/6. (Yocis) ID at 0428 as R. Melodia, la que manda en sintohia (R. Melodia, the one who gives the orders in tuning) very good on 9/10. (Objio)
- 730 CUBA CMKJ R. Liberacion w/anther, dominant 8/20. (Yocis) Time??
- 735 ECUADOR HCRG1 Quito R. Melodia 0431 on 8/20, best HC here. (Yocis)
- 738 SPAIN Barcelona to fair peaks w/SS mx 0502 on 9/8. (Connelly)
- 755 UNID weak carrier, Costa Rica? 0330 8/30. (Yocis)
- 756 NEW ZEALAND IYA Auckland loud w/sports 1047 9/7 then usual MOR heard almost daily under all conditions, even hets WJR on the car radio. Should be possible anywhere in the east away from 750/760 QRM. (Brown)
- 760 COLOMBIA HJAJ Barranquilla good, alone w/RCN mx 2330 9/19. (Dzo)
- 760 CUBA CMC1 Habana Reloj Nacional with pips and SS mx 0201 9/5. (Yocis)
- 765 SENEGAL Dakar loud and clear with guitar, drums and chanting 2323-2333 9/12. Steady signal, WABC no problem. (DeLorenzo)

774 SPAIN/UNID Caceres et al w/fair piano mx o/pronounced SAH annihilating 775 TIW 0505 on 9/8. (Connelly)

780 CUBA QMJN Camaguey xint w/Rebelde Cadena Nacional ID 0356 on 8/20, anthem o/another LA. (Yocis)

782 PORTUGAL Miramar in w/fair carrier and PP talk at low audio level 0510 on 9/8. (Connelly) 0528 hetting WBEM 9/7. (Yocis)

800 NETHERLANDS ANTILLES Bonaire PJB w/advisorics on Frederick, then broadcast in SS by OM/YL xint t 0506 9/3, then s/off at 0544 w/NA. (Townshend)

819 ANDORRA La Vieja very good w/Buddy Holly o/fast SAH (Morocco?) and 200 Hz het (Egypt?) 0512 on 9/8. (Connelly)

819 MOROCCO Rabat to fair peaks o/fast SAH, AA violin mx heard at 0508 on 9/16. (Connelly)

819 UNID TA het 0502 8/25 and 00038 on 9/7, also 0320 9/10. (Yocis)

819 UNID daily het on WBAP almost no chance for audio unfortunately. (Brown)

825 COSTA RICA TIOS u/Panama 0327 on 8/30. (Yocis)

828 AUSTRALIA 3GI Sale 1045 on 8/12, drama fair, some signal from this almost daily. (Brown)

828 MOROCCO (tentative) fat carrier, weak audio, program seemed to be AA mx //818 0510 9/16. (Connelly)

828 MOROCCO (?) het weak 0440 9/7. (Yocis)

830 COLOMBIA HJDM R. Vision, Medellin like a local 0501 8/20. (Yocis)

834 BELIZE nice sig in SS 0326 on 8/30, in with good carrier and lousy audio 0428 9/3. (Yocis)

837 MOROCCO (?) 0437 on 9/7 with het on WHAS. (Yocis)

837 UNID 1121 9/11 weak, often heard but never much audio. (Brown)

840 VENEZUELA R. Sensacion, Caracas just ads and pop mx 0246 on 9/2. (Objio) A switch from 830?? CH

855 SPAIN Murcia fair w/man and woman in SS o/WHDH slop 0520 9/8. (Con)

864 FRANCE Paris fair w/man and woman in FF 0512 9/16. (Connelly)

882 UNID 1104 on 8/18, news strong and timely WLS absence unfortunately in local thunderstorms, frustrating! (Brown)

890 COLOMBIA HJCE Bogota likely the one killing WLS w/sedate SS mx 0352 on 8/20. Good night for the HJ's. (Yocis)

970 US VIRGIN ISLANDS WSTZ not too difficult in AU cx. Try it, easily the best bet for USVI. Reported 0500 8/18, no response. (Yocis)

990 VENEZUELA Barquisimeto R. Tricolor atop 0350 8/20. (Yocis)

1000 BRAZIL Sao Paulo ZYK522 very good, way o/SS w/PP OM annr and mx 0134 9/4. (Kazaross)

1000 COLOMBIA LV de Cartagena ID'ing at 0458 on 8/31, then ads. (Objio)

1020 COLOMBIA R. Panzeno, Monteria ID'ing very loud at 00331 on 9/3, pop mx. (Objio)

1020 VENEZUELA La Ascencion atop w/Margarita ID 0430 on 8/25, NSP? (Yocis) Yup, and has been a long time-CH

1026 UNID 1125 9/11, MoR loud but no ID. (Brown)

1030 COLOMBIA HJER R. Pacifico alone w/WBZ off 0531 on 9/3. (Yocis)

1035 NEW ZEALAND 2ZB Wellington good w/rock on Top 40 type countdown show, OM acknowledging listeners. (Brown)

1035 UNID upbeat male vocals in Romance lang then talk by man and woman (not sure if II or PP); no trace of 1034 het 0547 9/8. (Connelly) Portugal has moved to 1035-CH

1040 COLOMBIA R. Tropical, Barranquilla heard w/mx as a local stn w/loop and portable Sony, ID'ing at 1658 9/1 (1 PM local time) (Objio)

1040 UNID with a wicked growl-2 SS'es 0352 8/30. (Yocis)

1044 MOROCCO Sebba-Aioum poor to fair w/male vocal 0425 9/8. To strong peaks w/FF ballad at low audio level 0539 on 9/8. Good w/Gordon Lightfoot vocal, fair w/heavy WHN slop 0442 9/16. (Connelly)

1044 UNID carrier often at local sunrise, no audio yet. (Brown)

1050 MEXICO good in CHUM null w/EE religion 0624 on 9/3 w/WHN off. (Yocis)

1053 MOROCCO likely w/weak het from WHN and CHUM 0408 9/10. (Yocis)

1062 PORTUGAL Norte likely source of het 0407 on 9/10. (Yocis)

1071 FRANCE one of these probably w/weak het 0526 9/7. (Yocis)

1089 ENGLAND Orfordness 0406 weak het 9/10. (Yocis)

1098 UNIS several stns here depending on day, one had MoR 0722 on 9/11 but XEPRS/WWWWE slop was murder. (Brown)

1100 COLOMBIA Barranquilla R. Reloj w/lively SS song, Antigua believed knocked out by Hurricane David 0314 8/30. (Yocis)

1107 AUSTRALIA 2UW Sydney unexpectedly good w/tele-talk 0720-0730 9/2 w/KFAB almost absent w/AU cx, even hetting local WMBI after 0730! (Brown)

1116 UNID 1116 on 9/10, piano mx atop but quickly u/KMOX slop. (Brown)

1140 UNID w/SS BB game 0212 on 9/5, commercial break for Chevy, so maybe WQII. (Yocis)

1152 UNID 1052 8/14 vocal MoR for several minutes but no ID. (Brown)

1161 FRANCE Strasbourg assumed w/het on KSL 0438 9/17. (Yocis)

1165 ANTIGUA xint, demolishing domestics w/orgn mx 0213 9/5. (Yocis)

1161 UNID het often on KSL at dawn but no audio. (Brown)

1170 HAITI ID at 0222 w/ads about the death of a person 8/31. (Objio) Now there's something Madison Avenue hasn't though up yet-CH

1179 UNID weaky here often plagued by WLDS OC often on as early as 1040. (Brown)

1188 HUNGARY megawatt the most likely source of weak het on WOWO 0400 on 9/10. (Yocis)

1206 FRANCE Bordeaux fair to good w/man and woman in FF; nothing on 1205 at the time, 0432 9/8. (Connelly)

1206 UNIDS 2 stns here, 1 a rocker, the other talk 1122 9/3, the rocker heard often but never good at ID time. (Brown)

1215 UNID carrier good 1051 9/12, mx briefly, 1ZE about the only possibility. (Brown)

1265 ST. KITTS apparently damaged by Hurricane David, off the air 8/30 to 9/7 at least. (Yocis) Back on as of 9/18-CH

1269 WEST GERMANY Neumunster DLF present as screaming het against mess on 1270 during fair high band opening 0401 9/8. (Con)

1270 CUBA QMJG Camaguey Reloj Nacional atop w/usual mx 0507 8/20. (Yocis)

1270 VENEZUELA Ondas Panamericanas, El Vigia, ID at 0220 on 8/31, ads. (Objio)

1310 MARTINIQUE reported destroyed by local AP (during David). (Yocis)

1320 NETHERLANDS ANTILLES The Voice of Aruba, Oranjestad also in the daylight with portable rx and loop, very good in Papiamentu at 1703 on 9/2. (Objio)

1330 PUERTO RICO WUNA R. Una, Aguadilla ID'ing at 2000 on 9/2 and pop mx. (Objio)

1332 UNID het often, this and 1476 the only two that have shown so far in the 1230-1500 range. (Brown)

1375 ST. PIERRE ET MIQUELON FR3 loud and clear w/Elvis tune, man in FF 2337 9/12; also l&c w/woman in FF 2330 9/13. (DeLorenzo)

1377 FRANCE Lille loud w/a-capella AA chanting 0359 9/8. (Connelly)

1395 ALBANIA Tirana very good w/man and woman in SS, opera mx 2340-2357 s/off 9/12. (DeLorenzo) Putting ripping het on domestics on car rx at sunset 2234 9/17. (Connelly)

1400 COLOMBIA HJAS R. Universal, Barranquilla very good in the daylight at 1658 on 9/2 and the owner explaining how this stn is going to be operated by computer. As a local stn with the loop and portable Sony because of lack of electricity. (Objio)

1400 UNID SS here 8/18 0510. No details as readability was next to nothing. (Yocis)

1404 FRANCE suspected in lower France/Spain opening 0428 9/7. (Yocis)

1404 GUINEA Conakry noted w/female vocals w/flute and drum instrumentation at low audio level on good strength carrier in WLLH slop 0358 9/8. (Connelly) Noted w/usual potent carrier and undermodulated audio 0000-0010 9/13; string mx similar to guitar. (DeLorenzo)

1422 WEST GERMANY Saarbrücken poor to fair w/rock mx 0355 9/8. (Gly)

1462 DOMINICAN REPUBLIC R. San Cristobal still on at 0407 on 8/31, but gave time as 12:15, no news about the hurricane, just mx. (Objio)

1467 MONACO in w/nice signal, best TA of the morning 0434 9/7. (Yocis) Fair w/church mx 0436 9/8. (Connelly) Fair w/instrumental mx, heavily sloped 0450 9/16. (Connelly)

1470 VENEZUELA R. Latina, Valencia very good, almost as a local one, pop records, ID at 0230 on 9/2, very difficult for R. Sur to get through with only 1 kw in the Dominican Republic. (Objio)

1476 AUSTRIA Wien poor w/bits of cl mx and some GG talk by woman 0353 9/8. (Connelly)

1490 COLOMBIA Punto Cinco, Bogota heard w/pop mx and ads for Bogota and ID after every record, good, at 0225 on 9/2. (Objio)

1500 NETHERLANDS ANTILLES R. Hoyer, Willemstad I think heard in Papiamentu very weak at 1715 on 9/4 and too much QRM from closer Hurricane Frederick, looped south. (Objio)

1503 UNID weak talk 1125 9/9, first time this has shown up. (Brown)

1512 AUSTRALIA 2NA Newcastle OM talk 1115 9/9, often good despite 1510 garbage. (Brown)

1521 UNID het on KOMA 1045 8/19 on a tremendous high band AM along w/a squall line 100 miles away unfortunately. (Brown)



- 1521 SEMI-UNID the stn reported last issue at times too late for the Czech and Saudi Arabian is apparently a Spaniard. Several nights I have heard SS as late as 0615. Several nights I have also wasted my time as no sort of ID was heard. If the Europeans have heard any Spaniards here I don't remember it. (CH)
- 1539 WEST GERMANY Mainflingen presumed here mostly as loud het w/ occasional bits of audio getting through rugged sloop from hard to null WPTR 0349 9/8. (Connelly) Poor w/het 0506 9/7. (Y)
- 1548 AUSTRALIA 4QD Emerald massive sig w/bizarre electronic mx 1115 9/2, strongest DU here, has reduced 1550 to being a weak het om they! Often noted well past LSR. (Brown)
- 1550 COLOMBIA "Fantasia", ID'ed as "Fantasia, solo musica" at 0402 on 8/31. (Objio)
- 1557 UNID weak DU w/OM talk 1122 9/2. (Brown)
- 1560 CUBA CMGB Cardenas at S6 nightly w/WQXR off, has to be over listed 250 watts. (Yocis) Right fellow, I say 5 kw or so. (CH)
- 1566 UNID Australian MoR stn noted here often in the 1000-1130 time period, all songs are vocals like Leo Sayre, Neil Diamond, etc. OM annr except perhaps for a YL on Sunday evening, noted w/ same mx but remote broadcast. 9/9 ID always lost to barrage of 1560 1000 s/on's, 3NE most likely? (Brown)
- 1575 UNIDS progressive rr 1033 8/19 w/YL, mx suggests a larger metro area so perhaps 200; oriental lang dominated this frwq last winter/spring. (Brown)
- 1584 UNID weak carrier when 4QD was strong 1020 7/19. (Brown)
- 1590 PUERTO RICO R. Guayama one of the few stns in operation in Puerto Rico due to Hurricane David when the lights went out. They were giving information during the evening of 8/31. (Objio)
- 1593 WEST GERMANY Langenberg fair w/man and woman in GG, then MoR mx 0344 9/8. (Connelly)
- 1593 UNID carrier here often but 1590 sloop too much. (Brown)
- 1595 HAITI R. 4VEH, Cap Haitien with a very good signal, heard with a news pgm at 0130 on 9/4 till 0145 when ID'ed, then religious pgm, not heard on 1035, perhaps a change of frequency? (Objio) Noted 9/5 at 2330 with an ID I did not catch but was not a R. 4VEH ID. It was EE and it was 4VEH's program. (CH)

Not much DX to speak of so far this season. Side effects of Fred blew down parts of about 8000' feet worth of Beverages here and I just haven't had time to plow through the jungle fixing it up. The SMI chose this time to start acting funny so about all I have done is fix up a 1935 Crosley and a 1931 Philco. The Philco is a real beauty, a four foot floor-standing model.

Ray Crawford, Malcolm Maxwell, Jeff Stover and Russ Brown all have reported for the first time to IDXD. Assuming that they have not learned better from their experience, we look forward to more reports. Surely the rest of you have access to postage stamps and can report also.

Russ Brown	Stevensville, Mich.	SX122, 1500' Bev at 270, 1100 at	310
Mark Connelly	Billerica, Mass.	R390A, MW1	
Marc DeLirious	Holbrook, Mass.	HQ100, SM2	
Chuck Hutton	Decatur, Ga.	R390A, R7, 1900' phased Bevs, LW	
Neil Kazaross	Narragansett, RI	HQ180A, Sanserino loop	
Cesar Objio	Santo Domingo, Dom. Rep.	Sony TFM1000WA, loop	
Bill Townshend	Washington DC	TRF	
Dave Yocis	Wright City, Mo.	DXX160, SM2	

## INFO OF INTEREST

TURKEY GTG, no offense intended! Paul Mount sent in early notice of a get together to be held November 23, 24, 25 (Thanksgiving weekend) in beautiful Nelsonville, Ohio. More details if..when they happen.

A DX GET-TOGETHER in Portland, Oregon will sponsored by Bill Block. It's billed as a Halloween DX GTG. Date is October 27, noon to ????. The place is 9307 S.E. Clay, Portland. For more information call Bill Block, (503) 254-2354.

Continued next page

# CONTESTS

John Kromka  
P.O. Box #86  
Montville, New Jersey 07045

Hello, again! I've tallied all the responses I received and have established the Contests for the coming season. I will unveil each of them as their time comes, to keep you in suspense. To qualify as a contestant in Contests you must send me 30¢ in currency or stamps with your first entry. Doing this will enable you to participate in the rest of the Contests of the season. If you think I'll overlook it, or if you forget, and don't send me the requirement with your first entry, your submission goes in the can. So, please remember to send it. Since the NRC Domestic Log is the so-called "bible" of our club I think it goes without saying that all stations submitted for Contests must be in the Log, so I can check them, naturally. When, and if you win an individual Contest you will be ineligible to win another. That's only fair. I don't think there are any other general essentials to be covered. If any of you have any questions, criticisms, comments or extra money, please don't hesitate to send them along. Without further ado, here's all you need to know concerning Contest #1:

### CONTEST TO SEE HOW MANY STATES YOU CAN LOG, EACH REPRESENTED BY ONE STATION

Winner is determined by who can log the most number of states during the allotted time.

DATE OF THE CONTEST: 0000 Oct. 13-2359 Oct. 22, 1979

DEADLINE TO SEND ME YOUR ENTRIES: Nov. 2, 1979

In case of a tie, the person enclosing the largest bribe will win. Seriously, in case of a dead-heat, the person hearing the most distant state will be declared the winner.

### FORMAT OF A SAMPLE ENTRY

STATION	FREQUENCY	LOCATION	POWER(when heard)	TIME	DATE
WKEW	1520	Buffalo, New York	50kw	2:00a.m.	2/30

That's how you should list your entries. Oh by the way, almost forgot, the prize for your efforts, if you just happen to win, will be your choice of either a NRC Antenna Pattern Book or \$6.50 worth of any reprint articles you would like. Not bad, huh? Go get 'em, and do me and yourself a favor, don't cheat.

AMPLIFIED LOOP builders and experimenters can obtain the BAX-1 Broadband Amp from International Crystal Mfg. Co., Inc., 10 N. Lee, Oklahoma City, OK 73102. This is a general purpose amp which may be used as a tuned or untuned unit in RF and audio applications. 20Hz to 150MHz with 6 to 30 db gain. Price is now \$6.06 each. Specify Catalog number 035107.

PICTURES for use in DX News preferably should be black and white. The printers' camera is sensitive to red. Last issue we used 8 color shots and we had poor results because almost every picture lacked contrast and had a shade of red in it. Those used last time were from Ted Fleischaker, John Callarman and myself. Several excellent shots are on hold from Jerry Starr.

HANDICAPPED AID PROGRAM, supported by ANARC, will receive 20% of all subscription revenue received by "Electronics Trader" thru Dec. 31. "Electronics Trader" is a twice-a-month ad sheet publication send 1st class mail throughout North America. It's a quick and cheap way to advertise to buy, sell or trade equipment, literature, etc. The subscription price is \$7.50 for 24 issues, including a free ad. Since 20% goes to HAP, your subscription represents an opportunity to help less fortunate DXers. Electronics Trader, P.O. Box 73, Folly Beach, SC 29439.

UNDERGROUND RADIO in New York! Yes, but this time it's legal. A clip from Bill Bergadano relates how bids are currently being taken for radio service in the Lincoln and Holland Tunnels. Plans call for rebroadcast of a normal AM signal, but with emergency and road condition information would be added. The system will differ from similar systems in Baltimore and Ft. Lauderdale in that it will include commercials. It appears that the service will be in operation by mid-1980.



## DRAKE R7 REVIEW

CHUCK HUTTON

Drake has released the R7 receiver as of late July 1979. Having obtained one immediately on a loan-to-test basis, I hope the following theory and performance review will introduce the R7 to DX'ers. Two basic models are available: the R7 and the R7/DR7. The R7 has analog only frequency readout and covers 10-500, 500-1000, 1000-1500, 1500-2000, 2500-3000, 3500-4000, 5000-5500, 7000-7500, 14000-14500, 21000-21500, and 28500-29000 kHz. Frequency coverage is in 500 kHz bands with generous PTO overlap of at least 125 kHz at the top and bottom of each band. The R7/DR7 has digital and analog readout and covers 0-30 MHz with no gaps. Otherwise there are no differences in performance. The word is that as of mid-August Drake has not sent any R7's to dealers.

Some design features are very interesting so I will trace the signal path through the receiver in order to discuss them: (1) in the RF stage no amplification takes place unless a 10 dB gain pushbutton controlled preamp is switched in. As can be seen from the sensitivity specs presented later, the sensitivity is very good even without the preamp. It is likely that the preamp will only be needed for very weak signal DX at the top end of the HF band. The preamp is non-operative below 1.5 MHz as Drake realized the extra gain could only hurt strong signal handling. (2) input selectivity is provided by 9 broadband bandpass filters, each covering part of the 0-30 MHz spectrum. Therefore, no preselector to adjust. (3) the incoming RF signal passes immediately to a special high level double balanced diode mixer that is designed for excellent strong signal handling. (4) the first IF is at 48.05 MHz for improved image rejection. Up conversion to such a high IF is made possible by a phase-locked loop HF oscillator.

Important controls/functions include: (1) front panel diode-switched selectivity filters. A 2300 Hz filter is standard; 300, 500, 1800, 4000, and 6000 Hz filters are optional. (2) passband tuning, allowing some flexibility in selectivity. (3) receiver Incremental Tuning, for use in varying the received frequency up or down a matter of a few kilohertz. Not of great interest to MW DX'ers. (4) a tuneable IF notch filter for reducing heterodyne interference. (5) switchable AGC time constants for best reception of any transmission mode. (6) an "AUX PROGRAM" selector switch for choosing any of 8 500 kHz bands or crystal controlled frequencies programmed into the accessory AUX7 program board. This board allows quick switching to often-used bands, quick switching to any of up to 8 crystal controlled frequencies, or in the case of the R7, it allows reception of any 8 500 kHz bands between 0 and 30 MHz. This last option should allow the SW DX'er to make good use of the R7. (7) main and alternate antenna switch with back panel connections for each. (8) a crystal calibrator emitting markers every 25 kHz. (9) on the DR7 model, the digital dial reads out to the nearest 100 Hz. (10) an impulse type noise blanker is optional. Installation is easy as Drake has included a front panel switch for the NB and also provided for easy mounting a la the PSR4 noise blanker. (11) a "store" switch for the digital dial. It freezes the display on the frequency you are tuned to, allowing you to tune away and remember where you were originally tuned to. Electronic scratch paper. (12) the digital dial may also be used as a 150 MHz frequency counter. (13) a tape out jack is provided. (14) an internal speaker is provided. (15) a front panel headphone jack. (16) can be operated of of either 110/240 VAC or 13.8 VDC.

### SPECS

Stability: less than 100 Hz drift after temperature stabilization, even with +10% line voltage variation. Temperature variation is not defined. No time frame is mentioned for the drift.

Continued on page 35.....

## NRC MEMBERSHIP

As of October 1, 1979

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PREGEAU, Art 3830 State Route 44 Rootstown, OH 44272  
FRIEDL, Steve

**g**  
GALERSTEIN, Robert 44 Center Dr. New Hyde Park, NY 11040  
GANGLER, Jim 11727 Highview Ave. Wheaton, MD 20902  
GASTON, Robert L. 3103 Hill Ave. Snyder, TX 79549  
GEARY, Kermit RFD 4, Box 321 Walnutport, PA 18088  
GEBHART, Dan 1005 Greenridge Dr. Kettering, OH 45429  
GEHRINGER, Edward F. 5 Bayard Road, #914 Pittsburgh, PA 15213  
GEUDER, Norman W. 6165 N. Winthrop, Apt. 707 Chicago, IL 60660  
GIANNINI, Roger 1111 Forest Hills Dr. Belleville, IL 62221  
GIBLER, Alan 5623 Adams St. Aughtabula, OH 44004  
GILBERT, William 26 Terrill Ln. Kings Park, NY 11754  
GILL, Charles P.O. Box 131 Mountain View, MO 65548  
GILLIS, Lynn P.O. Box 105 Bloomfield, KY 40008  
GITTINGS, W. E. 583 Drymen Crescent Mississauga, ON L5G 2N9  
Hidden Valley Ranch  
GLASS, Larry P.O. Box 62 Mad River, CA 95552  
GPO Box 71398 San Juan, PR 00936  
GLEASON, David F. 195 Leonard Run Limstone, NY 14753  
GLOVER, James 309 Alcalde Dallas, TX 75246  
GODIN, Fred H. 290 Bolton Rd. East Windsor, NJ 08520  
GOLDBERG, Melvin 2242 W. Halsey Ave. Milwaukee, WI 53221  
GOLEMBIEWSKI, Patrick 213 East 7th Ave. North Wildwood, NJ 08260  
GOLLOTO, Genero J. 1298 Commonwealth Ave. #1 Allston, MA 02134  
GOOD, Michael 534-A 34th Ave. San Francisco, CA 94121  
GOODLET, Dan 5342 Navarro Houston, TX 77056  
GORDILLO, Ramon J.

GRANDI, Steven A. 1850 Colby Ave., Apt. 15 Los Angeles, CA 90025  
GRANT, Bill 67 Brattle St. Worcester, MA 01606  
GRANT, Edward 31 Leonard St., Apt. 4D Brooklyn, NY 11206  
GRAY, Myron 1460 Park St. Atlantic Beach, NY 11509  
GREEN, Ira 1660 Crest Hill Ave. Apt. 2 Cincinnati, OH 45237  
GREENBERG, Warren 145 Cottage Rd. West Roxbury, MA 02132  
GREENE, George 1527 Sunset Ave. Akron, OH 44301  
GREENLEE, Bob 4840 Riverbend Rd. Boulder, CO 80301  
GREGORY, Edwin G. 4000 N. Charles St. Apt. 1409 Baltimore, MD 21218  
GRIFITHS, Bryan 33 Jedburgh Rd. Toronto, ON M5M 3J5  
GROSSMAN, E.H. 925 W. Georgia, No. 700 Vancouver, BC V6C 1R8  
GUERIN, Michael P.O. Box 1427 Upland, CA 91786  
GUSTAFSON, Hilding Apt. 307, Glencoe Bldg. Dunedin Beach, FL 33528  
Royal Stuart Arms  
2047 Dartmore St. Pittsburgh, PA 15210

**h**  
HABERMAN, Sam 18902 Oak Dr. Detroit, MI 48221  
HACKETT, Robert E. 1931 Steves Ave. San Antonio, TX 78210  
HAFTER, Chuck 116-41 Powell's Cove Blvd. Beechhurst, NY 11357  
HAGAN, James V. 896 Port Malabar Blvd. Palm Bay, FL 32905  
HAGGETT, Daniel 1217 Main St. Athol, MA 01331  
HAHN, Gus H. 2389 Victory Blvd. Staten Island, NY 10314  
HALE, William R. 1451-B Faith Dr. Rantoul, IL 61866  
HALL-PATCH, Nick 3272 Alder St. Victoria, BC V8X 1P2  
HALLBERG, Scott 141 Terry Ellen Ln. New Lenox, IL 60451  
HANAVAN, Brett L. 845 First Ave. Chula Vista, CA 92011  
HANSCH, Ross 5013 Risser Rd. Madison, WI 53705  
HANSEN, Art Jr. Rt. 2 New London, WI 54961  
HANSEN, Christian P. 2825 Webb Ave., Apt. 5F Bronx, NY 10468  
HARDESTER, Mike P.O. Box 49 NDRC  
Miramar NAS  
9950-2 Reseda Blvd. San Diego, CA 92145  
2301 Pacific Ave. Northridge, CA 91324  
2301 Pacific Ave. Aberdeen, WA 98520  
N. 2213 Vista Road Aberdeen, WA 98520  
#1404-4300 Mayberry St. Spokane, WA 99206  
P.O. Box 14064 Burnaby, BC V5H 4A4  
P.O. Box 49343 Atlanta, GA 30324  
325 East 80th St. Atlanta, GA 30359  
HARRIES, Ronald K. 2585 Alpine Trail NE New York, NY 10021  
HARRIS, John D. 9200 Wendell Way Marietta, GA 30062  
HARRIS, Phil 601 Rowe Dr. Jeffersonton, KY 40299  
HARRISON, Richard C. RFD 2, Box 263 Aberdeen, MD 21001  
HART, Paul K. 2109 Tamarack Ct. Kingston, NH 03848  
HARTLAGE, William P. WUOT, University of Tennessee Champaign, IL 61820  
HARTUNG, James C. 232 C&E Building Knoxville, TN 37916  
HARVEY, Lawrence S. Star Route, Box 226C Gouldsboro, PA 18424  
HATHAWAY, John P.O. Box 182 Cumberland, RI 02864  
HAUSER, Glenn P.O. Box 281 Yankton, SD 57078  
427 East Caramillo St. Colorado Springs, CO 80907  
HEALY, Craig 532 Franklin St. Tomah, WI 54660  
HECKENLIVELY, Robert 2873 Beechwood Blvd. Pittsburgh, PA 15217  
HEINEN, Wayne P.O. Box 7 Houston, MS 38851  
HEINZELMAN, John S. 3255 South Drive Caledonia, NY 14423  
HELLER, Herbert RD 1, Box 317K Williamsport, PA 17701  
HEPPE, Mike 6690 Vista del Mar, Apt. I Plata del Rey, CA 90291  
HERKIMER, James G. 75 Commerce St. Perth Amboy, NJ 08861  
HERMAN, O. R. 7310 Autumnvale Dr. Orlando, FL 32807  
HERR, George 286 Lawton Road Riverside, IL 60546  
HICKS, James A. 1715 Hollinwood Dr. #F-1 Alexandria, VA 22307  
HIDDEN, Ms. Debra 3801 Palos Verdes Dr. N. Palos Verdes Estates, CA 90274  
HIGGINS, Earl T. 1713 Palmetto Ridgewood, NY 11227  
HILL, James S. 2624 West Ave. Ocean City, NJ 08226  
HOARE, G. 3810 Northriding Rd. Winston-Salem, NC 27104  
HOFFMAN, Robert 7211 Chestnut St. Chevy Chase, MD 20015  
HOKE, James H. West End Fed. Savings & Loan  
HOLBROOK, Hank P.O. Box 8008 Albany, NY 12203  
HOLLAND, George Jr. 3606 White Oak Way Huntsville, AL 35805  
HOLLAND, Fred 347 Ainslie Rd. Huntington Valley, PA 19006  
HOLLAND, Robin M. 2312 Blakeford Ln. Charlotte, NC 28211  
HOLMES, Thomas 13 Dartford Rd., RD #7 Bethlehem, PA 18015  
HOLT, Arthur H. 1230 42nd St. Plaza, Apt. 2 W. Des Moines, IA 50265  
HOOPERHEIDE, John 4512 Southern Dallas, TX 75205  
HOOVER, William 29 Grandview Ave. Pitman, NJ 08071  
HOPKINS, James RR 2, Box 408 Dillonvale, OH 43917  
HOSTETLER, Frank E. RR Munden, KS 66959  
HOUDEK, Gary

HARDISON, Gregory S.  
HARDY, Bill  
HARDY, Nancy  
HARMS, Bill  
HARRIS, Ronald K.  
HARRIS, John D.  
HARRIS, Phil  
HARRISON, Richard C.  
HART, Paul K.  
HARTLAGE, William P.  
HARTUNG, James C.  
HARVEY, Lawrence S.  
HATHAWAY, John  
HAUSER, Glenn

HAYES, Harry  
HEALY, Craig  
HECKENLIVELY, Robert  
HEINEN, Wayne  
HEINZELMAN, John S.  
HELLER, Herbert  
HEPPE, Mike  
HERKIMER, James G.  
HERMAN, O. R.  
HERR, George  
HICKS, James A.  
HIDDEN, Ms. Debra  
HIGGINS, Earl T.  
HIGGS, William  
HILL, James S.  
HOARE, G.  
HOFFMAN, Robert  
HOKE, James H.  
HOLBROOK, Hank  
HOLLAND, George Jr.  
HOLLAND, Fred  
HOLLAND, Robin M.  
HOLMES, Thomas  
HOLT, Arthur H.  
HOOPERHEIDE, John  
HOOVER, William  
HOPKINS, James  
HOSTETLER, Frank E.  
HOUDEK, Gary



HOUGHTON, John

HOWLEY, Jack  
HRINKO, Charles  
HUNN, Peter E.  
HUNTER, John  
HUPKE, John J., Jr.  
HUTCHINSON, William  
HUTTON, Charles  
HYDER, D. Todd

IMPRESZIA, Alan  
INGRUM, Donald

JACKSON, Dennis  
JACOBS, Glenn  
JAKUBOWSKI, Dan  
JANECKO, John  
JARRETT, Dennis E.  
JEFFREY, W.A.  
JENKINS, Robert  
JENNINGS, Jim  
JENSEN, Don  
JENSEN, George W.  
JENSEN, Ted  
JETER, Karl  
JOHNSON, Darrel G.  
JOHNSON, E. B.  
JOHNSON, Frank  
JOHNSON, Steve  
JONES, Al  
JONES, Harry W.  
JONES, Joseph  
JONES, Robert C.  
JONES, Stanley B.  
JOZWIAK, Leonard  
JUEN, Douglas R.

K

KALISZ, Paul  
KANGAS, Nancy H.

KAPINOS, John M.  
KARCHEVSKI, Bob  
KARSCH, Bill  
KASKEY, Don  
KAUFMAN, Malcolm L.  
KAZAROSS, Neil T.  
KEARMAN, Jim  
KEENEY, Rob  
KELLY, Dennis  
KELLY, Thomas  
KEMP, Peter W.  
KENNEALLY, Rick  
KENNEDY, David J.  
KENNEDY, Steve  
KENYHERCZ, John, Jr.  
KERFOOT, Tim  
KESTEVEN, George  
KING, Willard  
KINNAMAN, George Jr.  
KIRCHMAN, John  
KIRSCHMER, Reno E.  
KITT, Jeff  
KNAB, John J.  
KNOX, Robert S.

KOCSAN, Ed  
KOSINSKI, John Jr.  
KOSNETT, Jeffrey  
KOTFIS, John F.  
KOWALSKI, Ed

3744 St. Clair Ave. East  
Apt. 606  
411 Crestview Ct.  
2-33 30th St.  
807 Greenwood Park  
69 Kelsey Dr.  
4826 Walsh Ave.  
2412 Ellis Rd.  
P.O. Box 2087  
540 Oriole Ave.

201 E. 17th St., Apt. 10B  
846 Maryland St.

Box 62-F  
RD 1, Box 354A  
7092 Greenleaf  
62 South Hills Terrace  
9 Debra Lane  
Field Adv. Dept., Box 95  
256 W. 23rd Ave., Apt. 1  
4634 West 79th St.  
5204 70th St.  
4604 Annata Ave.  
33 Field Rd.  
3590-C Clubhouse Cir. E.  
Box 326  
181 Switzer Ave., Apt. 3  
Hillside Home, Box 388  
P.O. Box 145  
45 Maplestream Rd.  
9612 Atwood Rd.  
1805 Hettering-Afton  
8829 240th St. SW  
403 Wayne Ave.  
5999 Yorkshire Ave.  
248 Roberts Dr., Apt. 2

2321 Powell Ave.  
RFD, Box 533  
Pitcherville Road  
86 S. Quinsigamond Ave.  
P.O. Box 170  
455 N. Broad, Apt. 2  
Hotel Raphael, 386 Geary  
244 Fieldston Terr. (#8E)  
30 King Philip Rd.  
RFD  
10101 West 89th St.  
4403 Holly, Apt. 4  
1215-A 6th Ave.  
5 Greenwood Ave.  
8132 Ashgrove Dr.  
3175 Holmes Run Rd.  
P.O. Box 231  
50 Ridgevale Place  
189 Cedarvale Ave. Apt.  
3524 Benton Dr. NW  
4806 130th Place NE  
915 South Loomis St.  
36105 Ruth Hill Rd.  
116 E. Oak St.  
P.O. Box 31  
6 Brighton Lane  
Physics Dept.  
University of Rochester  
7 Brooklawn Dr.  
18 Case Road  
9623 Basket Ring Rd., #5  
290 Moon Clinton Rd.  
3300 Chesterfield Rd.

Scarborough, ON M1M 1T8  
Jeffersonville, IN 47130  
Fair Lawn, NJ 07410  
Warrensburg, MO 64093  
Rossville, GA 30741  
E. Chicago, IN 46312  
Baltimore, MD 21234  
Decatur, GA 30030  
Miami, FL 33166

Richmond, VT 05477  
Moscow, PA 18444  
Parma Heights, OH 44130  
Brownsville, PA 15417  
Westport, CT 06880  
Cincinnati, OH 45201  
Anchorage, AK 99503  
Chicago, IL 60652  
Kenosha, WI 53140  
Baltimore, MD 21206  
Silver Bay, MN 55614  
Decatur, GA 30032  
Wolverton, MN 56594  
Ottawa, ON K1Z 7H8  
Belfast, ME 04915  
Havre De Grace, MD 21078  
Hightstown, NJ 08520  
Vienna, VA 22180  
Wilmington, DE 19810  
Edmonds, WA 98020  
Crawfordsville, IN 47933  
Detroit, MI 48224  
North Tonawanda, NY 14120

Bronx, NY 10462  
Hubbardston, MA 01452  
Shrewsbury, MA 01545  
San Carlos, CA 94070  
Galesburg, IL 61401  
St. San Francisco, CA 94102  
Bronx, NY 10471  
Pawtucket, RI 02861  
Collinsville, CT 06022  
Overland Park, KS 66212  
Kansas City, MO 64111  
San Francisco, CA 94122  
Bethel, CT 06801  
Cincinnati, OH 45244  
Falls Church, VA 22042  
Immokalee, FL 33934  
Bridgeport, CT 06610  
505 Toronto, ON M4C 4K1  
Calgary, AB T2L 1W8  
Marysville, WA 98270  
Chicago, IL 60607  
Squaw Valley, CA 93646  
Villa Park, IL 60181  
Neosho Rapids, KS 66864  
Gaithersburg, MD 20760

Rochester, NY 14627  
Morris Plains, NJ 07950  
Stamford, CT 06905  
Columbia, MD 21045  
Coraopolis, PA 15108  
Philadelphia, PA 19114

# NRC LOG UPDATER

John A. Callarman  
c/o WMIX  
Box 1238  
Mount Vernon IL 62864

540	KVIP-CA WGTO-FL	Adr:Box 1359 CP + is on: SCH:E:24h SP:M0000-0530 Fmt:C&W(REL) 6Q Jx Wells-Barkerville BC U1 40/40 Ce rCBU-690 Adr:Box 218 ex CJBC-II E:0600(0700)- 0104(0007) ex CJBC-2 E:0600(0700)- 0104(0007) PC:IN9A 1K7 Fmt:VAR/MOR (C&W Su 19-24 55(11) or 6Q(6) NWS/MOR/anTLK Net:N/M* Net:Ce/SBN/BNV Net:WIN PC:G9A 4M3 CP + U2 5000/5000 Net:AE/UPI	580	KMJ-CA	Net:N/M* Fmt:POPP/anTLK/ NWS 12 60(5)30(2)jb Correct call, previous update; Fmt:C&W/POP 6Q(5) MOR/anBFL 6Q(6)3Q(4)jb CW/M/POP 58(8) or 6Q(6) Net:WIN/BNV ex CBAH	590	KGMB-HI KUGN-OR CFTK-BC CJGW-NB WTAG-MI KSB-ND KTBB-TX CJOR BC CFCT-NWT	600	WTAG-MI KSB-ND KTBB-TX CJOR BC CFCT-NWT	610	KARV-AR KCSR-NE WTVN-OH	620	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	630	KIDO-ID W LAP-KY	640	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	650	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	660	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	670	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	680	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	690	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	700	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY	710	WVJZ-TN WWNR-WV WTMJ-WI CJCI-BC CKCK-SA KIDO-ID W LAP-KY
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UPDATER Page 2

CBV 2-PQ	ex CBFQ	CFOB-ON	rCHMM-FM 0105-0700	910	WRCQ-CT	Net:M (delete UPI) OLDp/anTLK
CKVM-PQ	PG:J0Z 3W0 Adr: C. P. 790		(0800Su)		WFDF-MI	POPP 60(6)30(5) E:24h
730 WVIC-MI	Fmt:T40p 55(5)b	CKLW-ON	T40p 20(8)(-)		WBRJ-OH	Net:OHN/OAg C&W(REL/TLK) 28(5)x
WJYM-OH	NET:OAg/UPI	810 WDDW-IL	Ant:DI C: EZL		WAVL-PA	CP + is on (D3 5000/)
KULE-WA	Sch:P:LSR(0730)-LSS	WEKG-KY	Net:Ae/KN		*KVAA-SD	Call for Volga
CBOF 3-ON	ex CBEP	WCEC-NC	E:0600-LSS		WEPG-TN	C&W/MOR (ROK) 60(10d)
CHYR 7-ON	Fmt:ROK/REL 45(5)15(5)	+WJJQ-WI	CP + D3 10000/		WJCW-TN	C&W 60(6)
740 +WGSM-NY	CP + D5 25000/ ch10000	Fmt:ETH/MOR	Fmt:ETH/MOR		KIXI-WA	U3 1000/1000
KRMG-OK	MORp 60(4)2x	830 KIKI-HI	Fmt:DIS		CJDV-AB	Net:Delete
KTRH-TX	NWS/INF/anTLK 60(5)x N/M*	WCCO-MN	VAR/MOR/anEZL 53(11)xb		920 +KDES-CA	CP + U4 5000/1000
WVGH-PA	REL	840 WHAS-KY	POP/INF/VAR (CWMf 5-6)		WTC W-KY	Net:C/KN
CBAW-NB	Not NS - Place between		60(8)30(5)sx(-n)b		+WBOX-LA	CP + U2 1000/1000
	CBRS & CBDZ	850 WRUF-FL	NET:FN/N		WMNI-OH	M/OAG
	N: -0106 rCBGA-1250	WKBZ-MI	POP/NWS/anTLK		KITN-WA	Ae/M* EZLa/anTLK 30(7)bd
750 WSB-GA	POPP/VAR/anTLK (NWS	WJW-OH	STDa/TLK19 2-23 & Su 20-22		WMMN-WV	60(6)
	17-19 58(2)60(5)		60(8)x25(5-7d)(-)		WOKY-WI	T40p
	CW Maf 60(7)	CKRD-AB	PC:T4N 5H6		CBQE-NWT	rCHAK xl630-1700 & 2200-2230M-F
760 WJR	MOR/TLK/VARp (CLA14-15)	CFVR-BC	Net:FV/WIN		CBQI-NWT	Adr:Ft. Norman Radio Society
	60(8-10)bx	860 KOAM-KS	C:24h NSP			PC:X0E 0K0 rCHAK xl500-1515M-F
790 *KURM	Rogers AR 72756 DI 500/	WOAY-WV	MOR-C&W 30(3)			50% Slavey, 50% EE
*KEKA-GA	ex KHUM	CKSB 1-MB	ex CBXF		CKLY-ON	CP + is on (U4 10000/5000)
WLBE-FL	Net:M/FN	CKSB 2-MB	ex CBKB		CKNX-ON	PC:N0G 2W0 MOR/C&Ws 13-16
WSGW-MI	MOR(SS)(Jepko) 60(10-15d)	CHAK-NWT	Add:Bag No. 8			60(5)b
KGHL-MT	N/IMN/M* POPp/anTLK	CJBC-ON	Fmt:F:VARE 60(v)		930 WEOL-OH	EZL (SS) 30(5)60(5)
#WHTH	Heath OH 43055 U3 500/500	WKAR-MI	VAR/CLAE (14B:SOL/17NWS)		+KROE-WY	CP + DI 5000/
	PO:1000 Box 1057, Newark OH		60( )		CFBC-NB	CP + is on (U4 50000/50000)
	43055 E: UPI MOR/POP	880 WRFD-OH	MORpf 60(6)30(5)b		CJYQ-NF	Net:BNV
WEAN-RI	Net:C /M/APR	890 WLS-IL	T40 (TLK 0-6 Su) 55(5)		940 KAHU-HI	Fmt:POP
WETB-TN	Fmt:OLD/T40	900 WJTH-GA	Fmt:T40/OLD		WCND-KY	Net:M/KN
KULF-TX	Fmt:T40/DIS 53(5)23d(5)	WFR0-OH	NET:OAg Fmt:POP/MOR/		*WQFP-MA	Call for Webster
CFCW-AB	Adr:4872 - 50th St.		EZLf 60(5)b		WIDG-MI	Nws:60(5)
CFAN-NB	CP + is on U4 5000/1000	WKXV-TN	REL (GOS)		KWRC-OR	P:0900-2115 or LSS
	PG:ELV 3M5	WKDW-VA	CWM 60(5)		CJGX-SA	Adr:Box 9400
CKSO-ON	CP + is on U4 50000/50000	CJVI-BC	Net:Ce/Sel/BNV		950 WGTA-GA	C&W/POP (ROK) 25(5)
800 WKVE-KY	Net:AI/KN	CKDR-ON	rCHMM-FM 0105-0700		+WJPG-IL	CP + U2 5000/1000
WDEH-TN	VAR (ROK)		(0800Su)		+WXLW-IN	U4 5000/5000
WSVS-VA	VAR (C&W)(BI) 30( )	CBON16-ON	ex CJBC 15 E:0600(0700)-		WYWY-KY	C&W (TLK/GOS)
CJJC-BC	Adr: 20590 Fraser Hwy		0104(0007)		WBKH-MS	C&W
CKOK-BC	Net: WIN	CHML-ON	Nws:60(5)xb		WLIT-OH	POP (ROK) 20(5)
VOWR-NF	CP + is on SH1 5000/2500	CKTS-PQ	E:24h NSP			

UPDATER Page 3

WPEN-PA	T40 55(5)	CBV3-PQ	ex CBFU		CKSB-MB	PC:R3C 2Hl Adr:Box 160
960 KARZ-AZ	ex-KOOL	CBOF 1-PQ	ex CBOW	1060	+WJKY-KY	CP + DI 2500/
+WGR0-FL	CP + U2 1000/1000	1000 WABT-AL	ex WQTY		+WGTR-MA	CP + U4 50000/5000
WFGL-MA	E: -0200( )	KHAM-AR	New station is on		WQIO-OH	ROKp
	MOR(TLK0 2-2)60(5)30(5)x	WKMK-FL	Net:FN		+KRSP	South Salt Lake City UT CP +
WHAK-MI	E:0600(0755)-LSS POL 60(5)	WVSI-FL	ex WRYZ			U4 10000/1000
KGIR-MO	ex KFVS	WCFL-IL	C:24h SP:M0130-0500		CFCN-AB	Broadcast House, Box 7060,
KNDN-NM	ex KWYK M:0800-LSS		Net:M 6MORp/18POPP/			Stn "E"
	8Navajo/17ROK	WSPF-NC	anTLK 60(4)30(4)x(-)	1070	WANM-FL	Net:NBN/FN
WWST-OH	E:0600-LSS UPI/OAg/SO	WHTH-OH	CP + is on DI 5000/ ch1000		*KATQ	Plentywood MT 59254 DI 5000/
KALE-WA	CP + is on *(U2 5000/1000)	-----NWT	CP:790			M:
CKWS-ON	Ce/NR	CFLP-PQ	Arctic Bay; delete; is on FM		KERR-MT	CP + is on (U2 50000/1000)
970 WFLA-FL	Net:N/FN	1010 * KRLA-AR	Fmt:F:MOR/POP		CKST-AB	Box 131 MOR
WKLS-GA	AOR	KIQI-CA	Dora AL DI 500/		CHOK-ON	POPP (TLK, CWM) 60(5)36d(4)xb(-)
WAVE-KY	Net:N/KN	WFGW-NC	C:24h SP:M0200-0500	1080	WTIC-CT	MOR/TLK18 2-an 30(4)60(6)
WCHN-NY	CP + is on (E1 1000/)	CBON 6-ON	Fmt:POP		WFIV-FL	Net:FN
	Net:APR		REL 60(6)		WCOB-GA	BBD 60(5)
WFUN-OH	T40p (TLK) 15(7-10d)		ex CJBC 6 E:0600(0700)-		KIOE-HI	TLK(POP)
WWSW-PA	CWM 60( )		0104(0007)		WKJJ-KY	ex WKLO
CKCH-PQ	CP + is on (U4 10000/5000)	CBEA-ON	rCBW/CBQ x 0745-0800,	1060	WOAP-MI	MOR/POPs (ROK Sa) 55(5)26(4)
980 KFWJ-AZ	CP + is on (DI 1000/)		0845-0900; 1405-1430, 1805-		WMVR-OH	Net:M/OAg POL/BFL 60(5)30(5)
	(Moot point but D3 in log for old power was incorrect)		1830M-F; 0100-0300Sa		WQRO-PA	CP is on
WTOT-FL	NET:FN	CFRB-ON	Adr:Box 189 PC:F0V 2M0			MISSORTS )
WAYL-MN	C:24h NSP		MOR(TLK:CLA;CWM) 60(4)2-6		WGTR-MA	Loc:Natick-Framingham
WTRY-NY	E:24h SP:M0000-0500	@ WPMH-VA	60(4)2-6)30( )(-)xb	1090	KHYM-TX	CP + is on (DI 10000/ )
WFHG-VA	Net:Ac T40 (55(5))	1020 KTNQ-CA	Adr:Box 1010		KAAV-AR	C:24h NSP T40/REL 60(5-10d)30(2)
CKGM-PQ	PC:H3Z 2B5	KDKA-PA	S:LAT		WCAR-MI	ex WIID ETH(PLK16-18;BBD Su 17-18)
990 KHVH-HI	Net:Ae/C/N	1030 WBZ-MA	POP/TLK 60(8)x30d(5)		+KTGO-ND	CP + DI 1000/
WITZ-IN	Net:APR/INN		6POP/18TLK(xSa, Su)		WKFI-OH	Net:M/SO/OAg
WHOO-FL	Net:AI/FN	1040 KPOI-HI	60(5-10d)30d(5)		*KLWJ-OR	Call for Umatilla
WTIG-OH	POP (ROK) 60(5)30(5)b	WHO-IA	OLDa		WJKM-TN	CP + is on (DI 1000/ )
WZZD-PA	E:24h NSP Fmt:DIS		MOR/NWS/TLK (anC&W)		+KKYN-TX	CP + modified DI 5000/
CBW-MB	VAR 60(v)	1050 WJSB-FL	VAR Sa, Su 60(5)bx30(5)		CBON1-ON	ex CJBC 1 E:0600(0700)-0104(0007)
CHPI-NWT	Delete; is now CBIK-FM	*WCGA	Net:C/FN		CBON12-ON	ex CBOF 5 rCJBC-860
CBAF1-NS	ex CBAE	WITCA-IN	Conyers GA DI 250/			E:0600(0700)-0104(0007)
CBAF5-NS	ex CBAK	WNES-KY	Net:Mar		CBON13-ON	ex CJBC 12 E:0600(0700)-0104(0007)
CBAF7-NS	ex CBAA	KIIZ-TX	Net:KN		1100 WLBB-GA	C&W 30(60( )
CBON8-ON	ex CJBC 8 E:0500(0700)-	KCAS-TX	ex-KIXS		WWE-EH	Delete Net 6POPP/18TLK 60(8)30(4)
	0104(0007)	WGAT-VA	Box 279	1110	KHAC-AZ	CP # is on
CBON7-ON	ex CJBC 7 E:0500(0700)-	CFGP-MB	C&W(REL)		WEBS-GA	pl7
	0104(0007)		Net:Ce/Sel/BNV			



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KVIB-HI Call for Kihei  
 WFBM-IN ex WHYT Net:Mar  
 WCBR-KY Net:KN/M  
 WUHN-MA ex WUPE  
 WBT-NC 6POP/19ROK/24C&W (VAR Sa, Su)  
 +WVJP-PR CP + U1 2500/500  
 CHQT-AB CP + is on (U2 50000/50000)  
 CBD-NB PC:E2L 3V6  
 CBO3-ON Adr: Box 2358, City Hall ex CJBC 3 E:0600(0700)-0104(0007)  
 CBO10-ON ex CJBC 10 E:0600(0700)-0104(0007)  
 CKJD-ON ROKp (CLA 19-24 Su) 55(5) 29(9)(-)

WCXI-MI Net:M Fmt:C&Wp(TLK Su 19-22) 60(3-5)30d(5)  
 KYOO-MO ex KBLR  
 \*WYNO Nelsonville OH DI 250/  
 +WKCM-KY CP + DI 2500/ (original CP 1170 \* called for ch:1000, but modified CP OK's ch power same as day power) NET:AE/KN/INN  
 WRLV-KY Call for Salyersville  
 WKWM-MI Fmt:DIS 2500  
 KMJJ-NV Net:AI CP + is on (U2 10000/  
 WBZY-PA amTLK/pmMOR-T40 (C&W Sa, Su) 60(5)  
 \* Conroe TX DI 250/  
 WRVA-VA 5POP/19TLK/22REL/23½ C&Wpf (POP Sa, Su) 60(5½-10d)x30d(5)  
 KMMZ Greybull WY DI 5000/  
 CBFJ-PQ New, call, and CP is on  
 1150 KVLI-CA Delete, is on 1380  
 KWBZ-CO P:0900-LSS  
 CP + is on (U2 5000/1000)  
 Net:AI  
 \* Gaithersburg MD U4 1000/500 Final Decision  
 Net:N  
 C:0600(0757)-0058  
 WHUE-MA E:24h NSP Fmt:BFL  
 WCEN-MI MOR 60(5)30(3-5)  
 KDQQ-NM ex KUFF  
 WQRB-NC ex WBAG  
 WCUE-OH RCK/nDIS(+Sa, Su)  
 WIMA-OH MOR(an:a)  
 WCRK-TN 5C&W/7MOR 30(5)  
 KFHM-TX Adr:106 S. Concho  
 CKIQ-BC CP + is on (U2 10000/5000)  
 Net:WIN  
 CP + is on (U4 50000/10000)  
 CKX-MB CWMp 60(5)30d(2-4)  
 1160 WJJD-IL

WBQN-PR LOC:Barceloneta-Manati  
 CBQR-NWT rCFFB-1210 x0915-1000, 1330-1400, 1830-1900M-F; 1900-2100Sa; 1500-1630Su Inuktitut 80%; EE 20%  
 Vernon CT DI 1000/  
 C&W/GOS/MOR/ROK (TLK10½-11)  
 Fmt: J:  
 KOHO-HI BFL(CLA14-16 & 18-20M-F; 14-17½Sa, 13-17Su) CP + is on (D3 1000/ )  
 \* Diamondville MI D3 1000/  
 KVOO-OK Net:APR Nws 6Q )  
 WWVA-VA E:24h SP:1st Su0400-0600 & New Years am 23CWp/19REL 60(5-10)x30d(4)  
 1190 #WHIY Moulton AL 35650 DI 1000/ ch250  
 PO:1530 Box 307 C: Ai  
 C&W/POP (initial decision only)  
 CP is on  
 KJEM-AR ZIP:80301 Adr:4840 Riverbend Rd.  
 KADE-CO ZIP:33306 Adr:2727 E. Oakland  
 WAVS-FL Park Blvd.  
 WHHL-FL Is correct call, not WDZY  
 Adr:8421 Orange Blossom Trail,  
 Orlando FL 32809 Fmt:OLD  
 \*WOWO-IN POPp(C&Wf5-7;TLK18½-19)  
 \*KRZJ-KS Call for Beloit  
 \*KNEK Washington LA DI 250/  
 KJLA-MO C:24h NSP DIS  
 WIXE-NC CP + is on (DI 1000/)  
 1200 CBQB-NWT rCFYK-1340 x M-F unknown local sched; in Dogrits language  
 PC:XØE ØYØ adr:Beacho Kho Radio Society  
 E:0600-LSS(2000)  
 1210 WAVI-OH CP + U4 5000/1000  
 +WHOY-PR QIQIRTAQUJUAQ NAALAUTINGA Broughton Island  
 NWT XØA ØBØ UI 50/50  
 General Delivery E:1100-1300, 1500-1800; 1900-2300 Inuktitut only --- ex 1230

**HOLD IT!**

A missing month of FCC material that I thought I'd processed on file cards has just turned up! Here are the missing items:

580 WSKS-NC CP + is on (DI 1000/)  
 630 +KSXX-UT CP + Sandy UT U4 1000/500  
 930 KVGW-WA ex KQOT  
 940 \*WQFP Webster MA DI 250/  
 980 WPIP-FL CP + is on (U4 2500/500)  
 1010 \*WPYK-AL Call for Dora  
 KCMP-CO Brush-Fort Morgan CO  
 1090 +WSLG-LA CP + D3 10000/  
 WAQE-WI Call for Rice Lake  
 NOW, BACK TO THE By-FREQ.  
 1120 WWOL-NY NET:AI Nws:60(5)30(4)  
 +KPNW-OR CP + U3 50000/50000  
 1130 WACQ-AL Call for Carrville; CP is on  
 KSDO-CA ZIP:92104 Adr:3180 University Av. Fmt:NWS/TLK 60(6)  
 WNRJ-GA Net:M Nws:30(5)  
 KLEI-HI Fmt:BFL

1150 KMMZ  
 CBFJ-PQ  
 KVLI-CA  
 KWBZ-CO  
 \*  
 WKKD-IL  
 KSA L-KS  
 WHUE-MA  
 WCEN-MI  
 KDQQ-NM  
 WQRB-NC  
 WCUE-OH  
 WIMA-OH  
 WCRK-TN  
 KFHM-TX  
 CKIQ-BC  
 CKX-MB  
 1160 WJJD-IL

KJEM-AR  
 KADE-CO  
 WAVS-FL  
 WHHL-FL  
 \*WOWO-IN  
 \*KRZJ-KS  
 \*KNEK  
 KJLA-MO  
 WIXE-NC  
 1200 CBQB-NWT  
 1210 WAVI-OH  
 +WHOY-PR  
 QIQIRTAQUJUAQ NAALAUTINGA Broughton Island  
 NWT XØA ØBØ UI 50/50  
 General Delivery E:1100-1300, 1500-1800; 1900-2300 Inuktitut only --- ex 1230

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1220 WQSA-FL Net:M/FN  
 WPLK-GA Net:AI VAR (TLK) 60(5)  
 WERT-ON NET:UPI/SO/OAg  
 CKDA-BC Net:BNV  
 CJRL-ON PC:P9N 3X8 Box 2490  
 rCHMM-FM 0105-0700(0800 Su)  
 1230 \*WKWL Florala AL 36442 U1  
 1000/250  
 WGNH-FL Net:M/FN  
 WJNO-FL Net:C/FN  
 WBLJ-GA MOR (ROK)  
 WTCJ-IN Net:INN  
 WBOW-IN Net:Ac/INN  
 W MPC-MI REL (CLA) 60(10)(-)  
 WMOU-NH E:24h SP:M  
 KHSN-OR P:24h NSP  
 WEEX-PA T40 60( )  
 CKTK-BC Net:Ce/WIN  
 CFBV-BC Net:WIN/CI  
 CHFC-MB rCBW-990 + local access  
 CBAF6-NS ex CBAL  
 CBAF4-NS ex CBAJ  
 CFPA-ON Box 2747  
 1240 KWAK-AF C&W/MOR/T40 55(5)  
 KJOP-CA Call for Lemoore & CP  
 is on  
 WBGC-FL Net:UPI/FN  
 WMMB-FL Net:FN/M  
 WDUN-GA T40 60(4)  
 WHBU-IN Net:C/INN  
 WPKE-KY Net:M/KN  
 WSFC-KY Net:AE/KN  
 WCOU-ME CW Mp/anROKp (F:CAN 9-14Su)  
 WOCB-MA E:0530(0700)-0100 (24h SP: M summers)  
 KBYM-MT Net:AI/Nor/M\* C&Wp/TLK 0-5½ (SS) 55(10)  
 WJTN-NY MORp/C&W 60(5)30(5)x

WIST-NC Zip:28204 Adr:1418 Elizabeth Av.  
 Nws:60(5)30(6)  
 WBBW-OH E:24h MOR/TLKp/anTLK  
 WWON-RI C&W/MOR/NOS/MRK/ROK  
 WBEJ-TN Net:APR  
 KGY-WA Net:N(only)  
 WIBU-WI Adr:Box 1170 Net:WIN  
 CFEK-BC Net:Ce/WIN/FV  
 CKGO-BC Yellowknife NWT XØE 1HØ UI 1000/1000  
 \* CFAK-ON Call for Atitokan C:24h NSP  
 rCFOB-800 & CHMM-FM 0105-0700(0800Su)  
 CJCS-ON MOR/POP/TLK/ROL 6Q(5) 25(5)  
 Adr:c/o CKRB-1460  
 CIRB-PQ ex CBFP  
 CBVI-PQ ex KLAZ  
 1250 KOKY-AR Net:AE  
 KNCO-CA CP + is on (U3 500/500)  
 KCFI-IA Net:M\*/UPI/IRN C:24h  
 POP/anTLK 15( ) 145( )  
 Net:UPI/KN  
 WNVL-KY CWMpft 60(5)(- )30(5)x  
 WXOX-MI Net:UPI/M\* T40/anTLK  
 WKBR-NH Net:OAg  
 WCHO-OH ZIP:15230  
 WTAE-PA CWM 60(6)30(5)  
 WEMP-WI BBD  
 1260 KGIL-CA P:24h SP:M0300-0800  
 KYA-CA Net:UPI  
 KSNCO-CO Net:AI/IMN  
 WMMM-CT E:0600-LSS  
 WNRK-DE E:0600-LSS  
 WIYD-FL ex WWPf Net:M/FN  
 KGBX-MO Net:C/Mnt/APR/M\*  
 C:24h NSP POPp/anTLK (TLK12-13) 60(5)30(5)b  
 M: -0300  
 KVSF-NM

KCYX-OR ex-KMCM P:0800-0314  
 Fmt:T40(NOS 2-3)  
 WBBG-OH Net:N TLK 55(5)26(4) (OLD;JAZ)  
 KPOW-WY M:0800-0107  
 CFRN-AB Fmt:T40p  
 \* Richmond BC U4 10000/10000  
 Net:NR  
 1270 WKSJ-AL CP + is on (DI 5000/)  
 WKRW-GA MOR (ROK) 30(3)  
 WJJC-GA CWM/POP 60(5)A30(3)G  
 KNDI-HI REL/VAR (FF, GG, JJ, HAW)  
 KTLC-ID M:24h SP:M0200-0700  
 WWCA-IN Net:AE/INN  
 WORX-IN Net:AI/INN  
 WAIN-KY Net:KN  
 WFUL-KY Net:KN  
 WVKY-KY Net:KN  
 WXYZ-MI E:24h NSP Net:AI  
 Fmt:TLK (NWS/INF) 60(8)  
 MOR (T40)  
 WILE-OH ex WOKT  
 WTJZ-VA Net:APR  
 KIML-WY M:0600(0900)-0300(0200)  
 CHAT-AB Net:Delete Ce Fmt:ROK-T40  
 Net:Ce/WIN  
 CHWK-BC Call for Trenton PC:K8V 3S7  
 CJTN-ON Adr:Box 9 Fmt:MOR  
 Delete; is on 990  
 CBOFI-PQ ex KFYV  
 1280 KKAL-CA Net:FN  
 WGTX-FL Net:Ac/FN  
 WIPC-FL Net:KN  
 WCPM-KY Net:KN  
 WIXI-KY Net:KN  
 WGSO-LA Net:AI/M\* NWS6½-10, 17-19/TLK  
 19-20½ & 0-5½/EZL  
 WFYC-MI MORfs (TLK 17½-18) 54½(5)b  
 WWTG-NC MRK  
 WPXN-NY ex WROC  
 WONW-OH Net:SO/OAg/M 6POPp/8½EZL/  
 18CWM/23INF 60(5)30(5)x



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WANS-SC ROK (Bl) 54(5)
+W MCP-TN CP + U4 5000/500
KMAS-WA CP + is on (D3 2500/)
KUDY-WA P:0900-LSS(2100)
CHRB-AB Net:BNV
CHQB-BC Fmt:MOR-POP
CJSL-SA Fmt:C&W
1290 \*WOPP Opp AL 36467 U4 2500/500
\*KETH-AK Call for Ketchikan
WJBR-DE BFL 55(3)
WPCF-FL ex-WSCM
WDGS-IN Net:INN/UPI
\*KLEH-LA Call for Anamosa
Ac/KN
WCBL-KY CP + is on(U2 5000/1000)
WHKY-NC C/M\* MOR(TLK10-14 & an)
WHIO-OH 60(6)x
+WQIN-PA CP + DI 1000/
KAPY-WA Net:UPI
CFRW-MB PC:R3B 2Z7 Adr:432, Main St.
1300 KHAC-AZ Delete, is on 1110
KPMO-CA ex-KMFB Net:AI
KVOR-CO M:24h NSP
WMOD-FL Net:M/FN
WHLT-IN Net:M/Mar
WAAC-IN Net:C/Mar
WBLG-KY Net:N/KN
WFBR-MD E:24h NSP (off occ M)
+WTNJ Ewing NJ U4 5000/2500
+WXR-L-NY CP + U4 1000/2500
WMVO-OH Net:OAG
Radio J.A.L. Auclair-Lejeune Delete
CJAL Rang St-Gregoire PQ DI
50/ Auclair, Co.
Temiscouata PQ G0L 1A0
E:1030-1230M-F, 1000-1300Sa

THIS SHOULD CLEAR UP CONFUSION CAUSED BY DIFFERENT LISTINGS FOR DIFFERENT SOURCES.

1310 KCRE-CA (Don't want to explain this too many more times. Despite what Broadcasting & Television Digest say, KPOD & KPLY switched frequencies in 1976, leaving KPOD on 1240 and KPLY on 1310. KPLY was recently purchased by new owners, who changed the calls to KCRE, which were the original calls of the old KPLY when it first went on the air in the 50's on 1400. The switch has been confirmed by several monitors, including the updater editor in Summer 78. NRC, in this instance, is right and ALL other sources are wrong!!!)
WTTL-KY Net:Ac/KN
WWKR-MI AORpc(MRKO-6) 60(5)-1x
+WJLK-NJ CP + U4 2500/1000
WCAM-NJ E:0500-0100 24h Sa, Su
1320 KUDE-CA T40p
WVOJ-FL Adr:2435 Ellis Rd. So.
NET:N/FN/UPI
WNGO-KY Net:M/KN
WHOK-OH Net:OHN/SO
WOBL-OH Net:SO/OAG/APR 60(5)30(5)
WKAP-PA POPPf (TLK22-0Su) 40(5)
CBAF10-NB ex CBAI
CFGM-ON CWM (TLK22 1/2-23 1/2) 55(5)
1330 \*WBAS Crescent City FL 32012
D3 1000/
WPRZ-IL ex WEAW
WTRE-IN Net:Mar
KFH-KS Fmt:C&W
WYGO-KY Net:Ac/KN
KVOL-LA C:24h NSP
WDLW-MA x-WHET E:24h SP:M0200-
UPI/M\* ROK (TLK0-5 1/2;
C&W Sa8-Su10 1/2)
WTRX-MI POPP/TLK19-0 60(5)15d(7);
45d(3)-(-)

WRRD-MN Minneapolis-St. Paul MN 55116
1370 Davern C&W
ex WJDQ
WDA L-MS CP + is on(DI 5000/)
WEBO-NY Net:OAG
WFIN-OH E:0600-LSS
WOLD-VA

MORE HOLD IT

1230 CHFC-MB PC:R0R 0E0 Adr:Box 427
rCBW x 0835-0845;0918-0930;
1837-1900M-F; 1400-1430Sa
QIQIRTAQUAQ NAALAUTINGA-NWT
Delete, is on 1210
CBQO-NWT rCHAK-860 x 1515-1530, 1945-2000
M-F; 1405-1430 Sa;Su 50% Slavey,
50% EE
1240 CJNH-ON rCJBQ-800 x 0830-1215, 1800-2000
M-F, 0900-1100Sa; 0830-1100Su
CBLs-ON Adr:Box 1210
1340 KEEL-AK Ul 50/50 (Correct Power)
WNHC-CT STDc(TLK0-5 1/2) 60(5)
WWFL-FL Net:M/FN
WROD-FL Net:Ae/FN
WSEB-FL Net:M/FN
WIGO-GA LICENSE REVOKED in June
May fight in court
Net:AI/INN
WBIW-IN Net:KN
WBGK-KY T40
WGAW-MA 5 1/2 CW M/12NWSf/13 TLK/14 CW Mpsf
(WLK Sul6-17) 60(5)
WLEW-MI Adr:925 E. Desert Inn Road
KRAM-NV Net:OHN/OAG/M
WNCO-OH TLK/anGOS
WHAT-PA E:24h SP:M0006-0500
WWPA-PA T40c(aAN)(TLK19-20) 60( )
WHAR-WV Delete BNV
CKBR-AB Box 1420 BNV/WIN
CKCR-BC Net:CI/WIN
CIVH-BC

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CJNC-MB PC:R0B 1B0 Adr: N. C. I.
Norway House Radio Com-
mittee C:1015-2200 Ce
75% Suampy Cree; 25% EE
CFGB-NF PC:A0B 1E0
CFLW-NF Net:NR
CBAF12-NS ex CBHG
CBON9-ON ex CJBC 9 E:0600(0700)-
0104(0007)
CBQW Hudson ON Ul 40/40
Box 1210, Sioux Lookout ON
P0V 2T0 rCBW-990/CBQ-
800 x //CBLS-1240
C:0558(0658)-0205(0105)
call for Ignace
CKIG-ON MOR/ROK21-1 60( )
CKDK-ON Net:Cf/LRT
CJAN-PQ ex CBFS
CBV4-PQ CP + is on (Ul 1000/250)
CKVT-PQ Net:N
1350 KIDN-CO Net:FN
WDCF-FL Net:AI/INN 5POP/22ROK
WIOU-IN 60( )
(KMAN-KS correct call, not KAMN last
updater)
WSLR-OH OC&Wp/2IREL/23TLK
55(5)30d(5)-(-)
Net:AI/OHN/SO/OAG
WCSM-OH POPp 60(5)30(5)x (TLK)
+WVBR-PA CP + DI 2500/
WZIX-PA E:24h SP:Su0100-0500
T40/anROK
WNIS-VA ex WHNE Box 1350,
Norfolk VA 23501
ex CKLB
CKAR-ON PC:K8A 3J6
CHOV-ON Net:M/Ai/FN
1360 WKAT-FL Net:M/FN
WZNG-FL MOR(TLK) 60(5)
WIYN-GA DeKalb-Syracuse IL 60115
WLBK-IL

WKYO-MI CP + is on (U2 1000/1000)
WWBZ-NJ E:24h Net:Ac/M\*
POP (TLK)(Pol;SS;II;Yid)
50(10)25(5)
WSAI-OH CWMp
WBOB-VA CP + is on (DI 5000/)
APR MOR(C&W) 60(5)
CBON14-ON ex CJBC 13 E:0600(0700)-
0104(0007)
1370 \*KLBA-LA Call for Albia
KDTH-LA Net:N/APR
WTKY-KY Net:AI/KN
WFEA-NH ROK (TLK MI-2) 50(5)25d(5)
KLAN-MN MOR
WLLN-NC CP is on; p500
KFIR-OR MOR(C&W)
WPAZ-PA BBD/MOR
WMYD-RI ex WKFD; MRK
KSOP-UT CP + is on (U2 5000/500;
South Salt Lake City)
\*WCQL-WI Call for Pewaukee
CFOK-AB CWM
CHPQ-BC Net:WIN
CJWW-SA Net:BNV
1380 WNVN-CT E:24h SP:M ROK
T40 55(6 1/2)
WAMS-DE 5/MOR/9TLK/12MOR/18
WPHM-MI BFL-EZL 57(8)50d(15)
C:24h SP:M ROLA
KLIZ-MN ex WPKO
WXIC-OH ex KFCE
KQKD-SD CP + DI 5000/
+WIZO-TN C:0600-0107
KBWD-TX C/M\* EZL/anTLK
WTVR-VA ex KEZE POPa
CKKO-WA ROK/TLK
CKLC-ON Gagnon PQ Ul 40/40
CBFJ E: -0106 Cf rCBGA-
1250 ex 1140
1390 WAPR-FL Net:Ae/FN

KCBC-IA MOR-POP/JAZ-FLK/anDIS
WJCD-IN Net:Mar
WANY-KY Net:KN
WTOO-OH Net:OAG/Ai POLpf
WMPO-OH Net:Ae/SO/OAG
WFMJ-OH T40 60(8)
WEAM-VA T40

David Lewis Presents 1400

1400 WMSL-AL Zip:35602 M/AL T40p 55(5)30(5)
WXAL-AL C:0600(0700)-0100(2300) M/AL
6EZL/10MOR/14T40/20SOLf
(7GOS/10MOR Su) 55(5)30(5)x(-)
dPOP/nROKpf 55(5)
B:SOlp 25(2)55(5)b
WFFA-AL T40 55(5)-(-)
WJLD-AL STD-BBDp 60(8)
WJHO-AL KTUC-AZ Box 40188 C/Ai/M/AZ
KXIV-AZ 60(10)b(-)
KTUC-AZ C:0630(0700)-0100 T40/TLKp 60(8)
KVOY-AZ 30(2)-(-)
KELD-AR CWMp 60(5)30(1)-(-)
KCLA-AR dMOR/nROKsf 60(5)x
KWYN-AR P:0700-0300(0400) Delete Net
KRCQ-CA POL 03(5)-(-)
KQMS-CA P:24h SP:M0200-0800 MOR(TLK
23 1/2-1) 60(5)30(5)b(-)
KSLY-CA ZIP:93406 P:24h SP:once/month
T40-DIS nx:D only
KAA-P-CA P:24h SP:M0300-0800
POLt 57(8)x(-)
KTRT-CA Delete NET POP (ROK Sa;Su)p
Nx: D only
KUKI-CA POPp (SS) 60(5)bx(-)
KONG-CA P:0800-0305 MORtf 60(5)x
KRLN-CO Net:APR MORtf 60(10)
KDTA-CO MORsf 55(5)x
KFTM-CO Net:APR CWMsf 60(5)xb
KBZZ-CO dMOR/nROKs 60(3)30(5)xb(-)

KPAG-CO  
WILI-CT M:0800-0000 Net:M  
POP/CWMP xb(-)  
27d(3) b  
WIRA-FL POPlf 60(4)30(2)xb(-)  
WNUE-FL E:24h NSP T40pf 49(5)(-)  
WVERD-FL B:SOL/GOS 50(5)  
WPRY-FL Net:M MORP 55(5)xb(-)  
WTRR-FL Net:APR E:0600-2200  
MOR 60(5)  
WPAS-FL POP 55(5)b  
WULF-GA CWM/MORsf 60(5)30(5)xb  
W SGC-GA E:0600(0700)-2300 MORP  
60(5)30(5)15(1)45(1)xb(-)  
W NEX-GA 55(5)xb  
W SGA-GA T40 (BI) News:D only  
KRPL-ID M:24h SP:M0500-0830  
T40p 35(5)xb(-)  
KIGO-ID M:0800(0900)-0000(2000)  
Net: M (only) CWMsf 60(5)xb  
C:0600(0800)-0215(0115Sa;Su)  
MORpf (TLK10 $\frac{1}{2}$ -11 $\frac{1}{2}$ ) 60(6)  
30(1)xb(-)  
W GIL-IL MORs (TLKH-12) 60(5)xb  
WROZ-IN Net:A/INN C&Wpf 60(5)xb  
WBAT-IN Net:C/INN POP/C&W/OLDP  
(TLK) 55(11)b  
KVFD-IA amMOR/pmPOP/nT40fp  
(C&W Su pm) 60(1)30(1)xb  
KVOE-KS C:0645(0830)-0000 MORaf  
60(1)xb  
KAYS-KS MOR/POP xb(-)  
WCYN-KY 6C&W/9REL/10POPsf  
55(5)xb(-)  
WIEL-KY E:0600-0100(2200) Net:Ac  
55(5)xb(-)  
WFTG-KY Net:APR/KN  
W FPR-LA C:0500-0300 CW Ms  
30(3)xb(-)  
KAOK-LA C:0700-000(0200F & Sa)  
Net:Ac/LN MORp55(5)30(5)xb(-)

WRDO-ME E:0600-0000 MOR  
54(5)xb(-)  
WIDE-ME Box 667 E:0555-0000  
60(5)-10(3)45d(5)b  
E:24h Net:N  
W MCS-ME MOR/anCWM 60(5)  
WWIN-MD B:SOLt (Delete News)  
WALE-MA 60(5)30(1)xb  
WLLH-MA Delete NET T40 50(5)  
20(5) D only  
WHMP-MA E:24h NSP MORt(Pol)  
60(10)xb(-)  
WKNR-MI ZIP:49017 709 Michigan  
Natl, Bank Bldg, E:24h  
SP:M0000-0500 POLA  
50(10)25d(5)xb(-)  
WJLB-MI 2050 City Natl, Bank Bldg,  
B:SOLt (GOS4-6) 15(3)45(1)  
D only  
WCCY-MI ex WHDF MORs 60(5)30(2)xb  
WQXO-MI 6MOR/19POPP 60(5)xb  
E:24h NSP NET:N/M\*  
WSJM-MI POLp (TLK12 $\frac{1}{2}$ -13 & 0-5 $\frac{1}{2}$ )  
57(8)xb(-)  
WTCM-MI MORp 60(1)xb  
KEYL-MN C:0640-0000 Net:GSN  
dINF-MOR/nT40 55(5)10(1)xb  
C:0630(0700)-0200  
KMHL-MN dMOR/nPOP 55(8) x(-)  
KEYE-MN MRK-POP (TLK) 60(5)30d(3)  
WHLB-MN Ae/GSN POP/TLKs 30(5)  
55(5)xb(-)  
WMBC-MS C:24h SP:M0100-0600 C&Ws  
60(8)30(3)xb  
WNAG-MS C:0600(0700)-0000(2300)  
dC&W/nB:SO Lpf 60(5)xb  
C:24h SP:M0100-0600 N/MRN  
WFOR-MS CWMP 60(1)xb  
WJQS-MS C:0600-0106 CW Mpf 60(5)xb  
KFRU-MO VAR/POPP 60(2)xb(-)  
KJCF-MO Net:Mnt CWMs xb(-)

MAC GILL, Leon  
MACKO, Steven  
MADELEY, Wm. Martyn  
MAGUIRE, Norman L.  
MAHONEY, Andrew J.  
MAKI, Tom  
MANN, Carl  
MANNING, Grant  
MARGRITZ, David  
MARKARIAN  
MARSHALL, Sidney E.  
MARTIN, Charles J.  
MARX, John C.  
MATTHEWS, Thomas  
MAXWELL, Malcolm  
MAYER, Alan  
MAZANOWSKI, James M.  
McABEE, Doug  
McCOURT, David  
McCOWN, Lowell  
105 S. Hudson St.  
357 East Dewey  
1801 Thornwood Ln.  
6105 Del Campo Place NE  
412 Lincoln Ct.  
4106 Gladstone St.  
5777 Ridgeview Dr. SW, #711  
Radio West, 3417 Purer Rd.  
9710 Louis Dr.  
P.O. Box 11787  
7224 Pam Drive  
323 E. Walnut St.  
P.O. Box 971  
5310 Sunset Ln.  
1041 Tumlin St., Apt. A  
409 Indiana  
33 Orlando Rd.  
8122 S. State Rd.  
RD #2  
P.O. Box 286

ARLINGTON, VA 22204  
NORTHLAKE, IL 60164  
NORTHBROOK, IL 60062  
ALBUQUERQUE, NM 87109  
DES MOINES, IA 50312  
DULUTH, MN 55804  
ESCONDIDO, CA 92025  
OMAHA, NE 68114  
FRESNO, CA 93775  
MILLINGTON, TN 38053  
LONG BEACH, NY 11561  
MADISON, WI 53701  
CHEVY CHASE, MD 20015  
ATLANTA, GA 30318  
PARK FOREST, IL 60466  
NORWALK, CT 06854  
GOODRICH, MI 48438  
WILLIAMSPORT, PA 17701  
AUXIER, KY 41602

Chicago, IL 60651  
Middleburg Hgts., OH 44130  
Montville, NJ 07045  
Corpus Christi, TX 78412  
Casselberry, FL 32707  
Dubuque, IA 52001  
Eugene, OR 97402  
Windsor, ON N9E 2J3  
Bernardsville, NJ 07924

New City, NY 10956  
Kingsville, TX 78363  
Salem, OR 97303  
Portsmouth, VA 23703  
Leander, TX 78641  
Columbus, OH 43224  
St. Louis, MO 63111  
Ruston, LA 71270  
Wenonah, NJ 08090  
Regina, SA S4R 5C4  
Carteret, NJ 07008  
Madison, WI 53703  
East Orange, NJ 07018  
Stamford, CT 06903  
Reynoldsburg, OH 43068  
Brooklyn, CT 06234  
Chillicothe, OH 45601  
Houghton, MI 49931  
Livermore, CA 94550  
West Chester, PA 19380  
Kansas City, MO 64109  
Omaha, NE 68104  
Morris Plains, NJ 07950  
Toronto, ON M5E 1G1  
San Diego, CA 92126  
Tampa, FL 33609  
Oakville, ON L6L 1P4  
Burlington, ON L7R 3X8  
Corning, NY 14830  
Fort Mill, SC 29715  
St. Paul, MN 55104  
#5 Grand Blanc, MI 48439  
Kenton, OH 43326  
Elmhurst, NY 11373  
Stamford, CT 06902  
New Castle, DE 19720  
Harper's Ferry, WV 25425  
Cuyahoga Falls, OH 44221  
Elizabeth City, NC 27909  
Lockport, NY 14094

8 Manor Court  
504 West Nettie  
1696 Liberty NE, #2  
P.O. Box 6291  
P.O. Box 454  
1880 Dunbar Rd. B-10  
5511 S. Broadway  
3505 Evelyn Circle  
107 East Willow St.  
92 Matheson Crescent  
5 Pauline  
511 W. Doty St., Apt. 208  
92 Chestnut St.  
102 Davenport Ridge Ln.  
1588 Cobblegate Ln.  
P.O. Box 69  
10105 County Rd. 550, Lot 16  
354 W. Wadsworth Hall  
Michigan Tech University  
1979 De Vaca Way  
439 Willow Way  
3429 Forest St.  
2315 N. 67th Ave.  
16 Trowbridge Rd.  
CKEY, 1 Yonge St.  
P.O. Box 26762  
3131 El Prado Blvd.  
2146 Sunnybrook Ct.  
P.O. Box 1  
12 Lower Drive  
1112 Palmyra Dr.  
1255 Charles Ave. W.  
6006 Blvd. of Corners 4,  
116 N. High St.  
76-12 45th Ave.  
126 Hamilton Ave., Apt. 16  
26 Gene Ave.  
Rt. 2, Box 79A  
2451 7th St.  
RFD 1, Box 520  
7728 Tonawanda Cr. Rd.

LA MORGESSE, Dr. Robert  
LACKEY, William V.  
LADOUCEUR, Robert E.  
LAGATTUTA, Tony  
LAMB, David V.  
LAMB, William J.  
LANGENEKERT, Fred  
LANKFORD, Dallas S.  
LARMER, Robert  
LARSEN, Robert V.  
LAWLOR, Edward F.  
LAZAR, Robert  
LE DOUX, James A.  
LE VINE, Daniel C.  
LEAMY, Bob  
LEE, Bryan  
LEEDOM, Samuel W.  
LEGLER, David  
LEHR, Albert  
LEON, Jerry L.  
LEWIS, David  
LINDBLADE, Rolland  
LINZMAYER, Webb  
LITTEK, Arnie  
LOBEL, Albert S.  
LOCKWOOD, Jeff  
LOEWEN, R.J.  
LONEY, Raymond D.  
LORD, Carleton  
LORDO, Robert A.  
LOVEGREN, Gary  
LOVELL, Jim  
LOVETT, Brad  
LOY, Charles  
LUCAS, Chris  
LUCKEY, Allen W.  
LUDWIG, John P.  
LUKOSAVICH, Mark  
LUTON, Relfe  
LYON, Ken

3406 W. Pierce  
6538 Belmeadow Dr.  
P.O. Box 86  
773 Chase Dr.  
84 Winter Park Dr. S.  
1675 Glen Oak St.  
1314 City View #1  
2434 Alexandra  
17 Elmer Ave.

More to Come ...

KSIM-MO C:0600(0700)-0100 dPOL/nT40  
55(5)15(1)xb(-)  
KXGN-MT M:0800(1000)-0000 MORs 60(5)(-)  
KARR-MT M:0800-0200 Net:C/NOr  
MOR/GOSpf 60(5)xb(-)  
KJJR-MT CP is on Box 1400 M:24h SP:  
M0200-0700 POPp 55(5)xb(-)  
KBRB-NE Net:UPI dMOR/nC&Ws 60(1)xb(-)  
KCOW-NE C:0730(0800)-0200 MOR/C&W/VARpf  
60(5)xb(-)  
KLIN-NE ZIP:68503 Adr:Box 30181  
KYEG-NV CWMP 50(5)lb(-)  
KWNA-NV P:0900(1300)-0300(0100) MORp  
60(5)b  
WBR L-NH 40 Main St. E:0500(0600)-0200(0100)  
POPs 55(5)25(5)xb(-)  
W TSL-NH E:24h SP:M0000-0400 dMOR/C&W/  
NR OK 60(5)xb(-)  
W LTN-NH MORP (C&W) 60(5)xb  
WOND-NJ E:24h NSP dPOL/nROKp 30(5)30d(5)  
KTRC-NM POPp 57(8)xb  
KCHS-NM M:0800(0900)-0100(2100)  
C&W/GOS/S:MEX 55(5)xb  
KTNM-NM C&Wf (S:MEX) xb  
WABY-NY ZIP:12206 Adr:855 Central  
E:24h NSP CWMT/anTLK 55(5)25(5)  
Net:M  
WYSL-NY dt40p/nDIS am-(4)pm-(1)  
WSLB-NY 6MOR/15ROKs 60(5)xb  
WBMA-NG E:0600-2207(2108) UPI only  
dCWM/GOS/nROKs 60(5)xb  
WGBG-NC T40/PO Lpf  
WSHB-NC UI E:0558-2203 T40/MOR/CWM (BI)  
55(5)xb(-)  
WSIC-NC E:0500-0100 6POP/18T40p 55(1)  
W LSE-NC Box 520 E:0550(0600)-0000  
NCN/APR 640pf 60(6)xb(-)  
WHCC-NC POPs 60(5)  
WSMY-NC E:0600-0000 POPsf 55(5)



McCOY, Robert W. P.O. Box 81863  
 McCULLOUGH, James P.O. Box 3402  
 McDERMOTT, Hugh J. 6440 West 64 Place  
 McGARRY, William 107 Brookwood Rd.  
 McHARG, Charles A. 12319 SE 23rd St.  
 McINTIRE, Stephen J. 2225 Searle St.  
 McINTOSH, W. R. 12000 Bambi Place  
 McKay, George Jr. P.O. Box 5000  
 McKENNA, Mike RD 1, Box 426D  
 McMURRAY, Duane 501 S. Main St.  
 MEEHAN, Morton D. 7682 North Star Ave.  
 MELIS, Vic 150 Saylor's Mill Rd., RD 1  
 MENDELSON, Dr. R. 46 Schenck Ave., Apt. 1F  
 MERRILL, Frank Jr. P.O. Box 7207  
 MERRIMAN, Alan P.O. Box 6  
 MESSENGER, R. G. 8 Bally Haly Place  
 MEYER, Herman 2849 NW 56th  
 MILLER, Steven D. P.O. Box 46  
 MITCHELL, Mark L. 1563 Elmwood Ave., Apt. 8  
 MITKUS, Ed 8001 Landmark Circle  
 MOCKUS, Joseph 682 Riverview Dr., #83  
 MONIZ, Leonard A. 43 Kirby Rd.  
 MONROE, Virgil D. Rt. 9, Box 172  
 MONTGOMERY, Hugh Jr. 1502 Highwood Dr.  
 MONTI, Greg 5 Hickory Rd.  
 MOORE, Ray 116 Walnut St.  
 MORGAN, Harry 2105 Central Ave.  
 MORISSETTE, Yves 1290 Rue Crevier  
 MORIYAMA, Bill 2662 22nd Ave.  
 MORO, Kevin S/N533-74-1437, 602 TCS  
 MORRIS, Jerry Rt. 1, Box 203  
 MORRIS, Terry 225 E. Dolliver  
 MORSS, Stanwood RFD 3, Box 294  
 MOSELEY, Wayne P.O. Box 1349  
 MOTTERN, Gene H. 313 Royal Dr.  
 MOUNT, Paul R. 35 1/2 W. Columbus St.  
 MOZLACK, Richard J. 157 E. Wedgewood Dr.  
 MULFINGER, George Jr. 25 Springdale Dr.  
 MURPHY, Wayne 2923 Vaulk Lane  
 MUSCO, Ronald J. 16 Chestnut Dr.  
 MYERS, Dan 4148 Royer Dr.  
 MYERS, Levi 116 N. Queen St.  
 MYLOD, Charles P. P.O. Box 523

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 Augusta, GA 30904  
 Chicago, IL 60638  
 Clifton, NJ 07012  
 Bellevue, WA 98005  
 Des Moines, IA 50317  
 Granada Hills, CA 91344  
 Claremont, CA 91711  
 Hockessin, DE 19707  
 Maquoketa, IA 52060  
 Twentynine Palms, CA 92277  
 Spring City, PA 19475  
 Great Neck, NY 11021  
 Toledo, OH 43615  
 Fairfax, VA 22030  
 St. Johns, Newfoundland A1A 2B4  
 Seattle, WA 98107  
 Dorchester, MA 02125  
 Rochester, NY 14620  
 Tampa, FL 33615  
 Columbus, OH 43202  
 Westport, MA 02790  
 Parkersburg, WV 26101  
 Arlington, VA 22207  
 Bayville, NY 11709  
 Walpole, MA 02081  
 Ocean City, NJ 08226  
 St. Laurent, PQ H4L 2W9  
 San Francisco, CA 94116  
 APO New York 09035  
 Bells, TX 75414  
 Osceola, IA 50213  
 Bradford, MA 01830  
 Crestline, CA 92325  
 Kingsport, TN 37663  
 Nelsonville, OH 45764  
 Pittsburgh, PA 15229  
 Greenville, SC 29609  
 Nashville, TN 37204  
 Windsor, CT 06095  
 Northwood, OH 43619  
 York, PA 17403  
 Charlottesville, VA 22902

Kenmore, NY 14217  
 Simi Valley, CA 93063  
 Philadelphia, PA 19111  
 Naperville, IL 60540  
 San Bruno, CA 94066  
 Munster, IN 46321  
 Burke, VA 22015

Laramie, WY 82070  
 Tillamook, OR 97141  
 Clay, NY 13041  
 FPO New York 09501  
 Springfield, MO 65807  
 Vineyard Haven, MA 02568  
 Chicopee, MA 01013

S. Portland, ME 04106  
 Edmonds, WA 98020  
 Boise, ID 83702  
 Surrey, BC V3W 6T4  
 Bismarck, ND 58501  
 Park Forest, IL 60466  
 Drexel Hill, PA 19026  
 Hooker, OK 73945  
 Ottawa, ON K1G 3A2

PARADIES, Steven 18 Cornwall Ave.  
 PARILLO, John 400 S. Market St.  
 PARKER, Scott 2104 Harrison Ave.  
 PARKS, Jack 909 Jefferson St.  
 PARSONS, Ethel 275 N. Shade Ave., Apt. 203  
 PARSONS, Norman 275 N. Shade Ave., Apt. 203  
 PAULSEN, Edward C. 6418 University Ave., Apt. 3  
 PEJZA, Father John 212 S. Carpenter Rd.  
 PERKINS, Dennis 7577 Maqueta St.  
 PERKO, Joseph J. 455 Domenico Cir., C-11  
 PESEK, James B. Rt. 1, Box 510  
 PETERS, David, Sr. 1317 Walter Ave.  
 PETERSON, John F. RFD 3, Box 978  
 PETRICK, Frank J. 306 Twistrun Rd., RD 3  
 PHILLIPS, Dan 835 Danton Ln.  
 PHILLIPS, James H. 9603 Trailview Dr.  
 PHILLIPSON, Bill 18954 Pendergast Ave.  
 PHILLIPSON, Kathy 18954 Pendergast Ave.  
 PIETSCH, Bob 230 Winchester Ct.  
 PIMPER, Dennis 540 N. 6th St. East  
 PISTEK, Richard 8559 S. Komensky Ave.  
 PLAISANCE, S.F. 217 Country Club Rd.  
 PLEW, Herman P.O. Box 754  
 PLUMMER, Michael 1402 Alpha Dr.  
 PODA, Louis M. 395 Kling St.  
 PODALL, Bertram A. 141-05 Pershing Cres.  
 PODATILOFF, Ronald 417 Hull Ct.  
 POLLOCK, Elliot Box 522, Main Post Office  
 PONDER, Stephen H. 5201 Clearmont Ave.  
 POOLE, Greg 1730 Belcher Circle  
 PORTER, Anthony 22 Owen St.  
 PORTZER, Bruce 6546 19th Ave., NE  
 POWIS, Warren 7011 Haycock Rd.  
 PRUDEN, Dave 1408 Michigan Ave.  
 PRUDEN, Thomas J. 1316 Buchanan Dr.

Millville, NJ 08332  
 Girard, OH 44420  
 Muskegon, MI 49441  
 Hamlet, NC 28345  
 Sarasota, FL 33577  
 Sarasota, FL 33577  
 Middleton, WI 53562  
 Modesto, CA 95351  
 St. Louis, MO 63123  
 St. Augustine, FL 32084  
 Cary, IL 60013  
 Louisville, KY 40215  
 Auburn, ME 04210  
 Endicott, NY 13760  
 Birmingham, AL 35210  
 Dallas, TX 75238  
 Cupertino, CA 95014  
 Cupertino, CA 95014  
 Foster City, CA 94404  
 Brigham City, UT 84302  
 Chicago, IL 60652  
 Newton Centre, MA 02159  
 Atascadero, CA 93422  
 Warsaw, IN 46580  
 Akron, OH 44311  
 Jamaica, NY 11435  
 Waukegan, IL 60085  
 Grinnell, IA 50112  
 Charlotte, NC 28212  
 Austell, GA 30001  
 Mattapan, MA 02126  
 Seattle, WA 98115  
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 Bay City, MI 48706  
 Santa Clara, CA 95051

P.O. Box 687  
 Albany, NY 12201

22 Robert St.  
 2193 Langdon Ct.  
 1601 S. Sandhill Rd., SP  
 22 Andrea Blvd.  
 107 15th St., Apt. F1  
 4100 Academy Dr.  
 848 River Dell Ct.  
 110 Craddock St.  
 1384 Adelaide SE  
 34 Garrison Ave.  
 c/o J&R Service  
 567 New Brunswick Ave.  
 665 Pokross St.  
 P.O. Box 784  
 P.O. Box 945  
 1 Ira Ct.  
 529A S. 71st St.  
 559 Clarke Rd.  
 11495 Village Brooke Ct. #618  
 P.O. Box 1195  
 1408 Valencia  
 403 S. Logan (Downstairs)  
 6065 Gardner Line  
 P.O. Box 74  
 612 Armadale Place  
 One Fairview Ave.  
 1068 Mountain Rd.  
 644 Mississauga St. W.  
 2703 Bartlett Ln.  
 10000 Rosewood Ct.  
 3875 Villanova Dr.

Hamburg, NY 14075  
 Decatur, GA 30035  
 Las Vegas, NV 89104  
 Niles, OH 44446  
 Garden City, NY 11530  
 Metairie, LA 70003  
 Louisville, KY 40206  
 Syracuse, NY 13207  
 Warren, OH 44484  
 Leamington, ON N8H 2P2

Perth Amboy, NJ 08861  
 Fall River, MA 02724  
 Glendora, CA 91740  
 Fallbrook, CA 92028  
 Brooklyn, NY 11229  
 Milwaukee, WI 53214  
 Coquitlam, BC V3J 3X4  
 Cincinnati, OH 45242  
 Goleta, CA 93017  
 Holly Hill, FL 32017  
 Carbondale, IL 62901  
 Crosswell, MI 48422  
 Buffalo, OK 73834  
 Louisville, KY 40243  
 Bedford, MA 01730  
 Bloomfield, CT 06002  
 Orillia, ON L3V 3C6  
 Bowie, MD 20715  
 Oak Park, MI 48237  
 Kettering, OH 45429

**N**  
 NEIMANIS, Harold 169 Lincoln Blvd.  
 NELSON, Dick 3470 Travis Ave.  
 NELSON, Kurt A. 147 Church Rd.  
 NEMEC, Raymond 1424 Heatherton Dr.  
 NEVES, Jerry H. 3951 Colby Way  
 NEWMAN, B.R. 8750 Harrison St.  
 NISSEN, Allen 5515 Beaconsfield Ct.  
 NIX, Gene Connor Apts.  
 215-A S. 3rd, Box 28  
 2314 First St., #24  
 7945 Boxford Road  
 USS RE Byrd DDG 23  
 2346 S. Florence Ave.  
 P.O. Box 32  
 57 Beesley Ave.

**O**  
 O'CONNOR, Rod c/o USCG Base, 259 High St.  
 O'HARE, Tim 20023 84th Ave. W.  
 O'RIORDAN, William 1750 Shaw Mountain Rd.  
 OLDFIELD, John 7135 129A St.  
 OMLID, O.T. 1325 N. 21st St.  
 ONYSCHUK, Ken 239 Fir St.  
 ORLANDO, Denis 5034 Sylvia Rd.  
 OSBORN, Forest E. 202 N. Jackson  
 OSBORNE, Jerry 763 Canterbury Ave.



RUGG, Andrew F. 668 De Gaspe, #408  
RUGGLES, Steve 73 White St.  
RUKAKOSKI, David RR #1, Box 409  
RUNDBAKEN, Sol 4715 Oakview Dr.  
RUSSELL, Richard 520 Essex St.  
RUST, Gene 3220 Ridge Lake Ln.  
RYAN, Eddie P.O. Box 9579  
RYCHALSKY, Konstantine P.O. Box 4256

## S

SABELLA, Roger P.O. Box 2072  
SAHLBACH, Raymond 981 Coral Drive  
SAMER, Daniel R. 3501 7th St.  
SAMPSON, John 1714 S. 84th St.  
SANG, Dr. Lance 7121 Andalusia Ave.  
SANTULLI, George III 689 McCloud Ave., #205  
SAPP, Michael 1902 York Dr.  
SAPKOZY, Ken 1341 Grand Ave.  
SATTERTHWAITE, Ed 3181 Mackall Way  
SAYEN, Thomas 200 E. Montgomery, Apt. A1  
SCHACKNER, William 71 Moss St.  
SCHAFER, Howard F. 303 S. Spruce St.  
SCHATZ, Ronald F. 5651 SW 2nd Ct. (106)  
SCHEEL, Michael 3403 Jersey Ridge Rd. #224  
SCHILLER, Ron 7657 La Bolsa Drive  
SCHLESSINGER, Gary 5312 Louise Ave.  
SCHMELZER, John 1104 Florida St. SE  
SCHNIDT, Dave 42 Chelwynne Rd.,  
Castle Hills  
SCHNEIDER, David 2345 W. Emelita Ave.  
SCHNEITER, Wolfgang 4934 Coldwater Canyon Ave.  
Apt. 110  
SCHWARTZ, Hank KXOA, P.O. Box 1677  
SCRIMGEOUR, K.G. 227 Hanna Rd.  
SEAVER, Randy 1154 Via Trieste  
SEGELEY, David R. 6930 S. Knolls Way  
SEELIGER, Dr. E., Jr. 11106 Mitscher St.  
SEGAL, Eddie 2 Magpie Crescent  
SEGALAS, Richard P.O. Box 26254  
SEITZ, Thomas W. 153 E. 26th St., Apt. 2A  
SEVIER, John R. 449 E. 28th St.  
SHARP, Walt W. 1301 Morgan Ave.  
SHEARER, Vernon H. 3442 Stratford Rd., NE  
SHEEDY, Dan P.O. Box 31  
SHELDON, Jack 130 Manston Ave.  
SHERMAN, Bruce 76-C Trevitt Dr.  
SHERWOOD, Brian P. 221 Larch Ave.  
SHIELDS, John 3212 Chestnut St.  
SHORT, Tony 1041 Elmendorf Dr.  
SIBBITT, Ron P.O. Box 723  
SIEGEL, Gary 2728 106th St.  
SIMKO, David L. 3639 Arden Blvd.  
SIMPSON, Cary 601 5th St.  
SKINNER, Peter E. 166 Pine St.  
SLATER, Stanley B. 803 Dayton St.  
SMELTZER, Mike RD 1, Box 546  
SMITH, Forest Jr. 100 Frances St.  
SMITH, DWIGHT W. 145 Deryl St.  
SMITH, John 178 Frog Hollow Rd.  
SMITH, Lexington E. 55 E. End Ave., Apt. 4G  
SNOW, Dr. James P.O. Box 746  
SORENSEN, Morris P.O. Box 764  
SORENSEN, Norman 3107 Georgetown  
SPENCER, H.F. Star Route 1, Box 824  
SPERRY, Ralph 320 Warner Hill Rd.  
SPITZER, Daniel 79 Irma Dr.  
STAFF, Jack 1030 Cutspring Rd.  
STARK, Chris J. 927 McGavour Dr., Greendale  
STARR, Jerry 196 Fox St.  
STEADMAN, Robert 2758 S. Wentworth  
STEELE, Sidney 2408 4th St.  
STEELE, Thomas 2938B N. Fratney St.

Ile des Soeurs, PQ H3E 1H9  
Lunenburg, MA 01462  
Brooklyn, CT 06234  
Savannah, GA 32405  
Lynn, MA 01902  
Plano, TX 75074  
Seattle, WA 98109  
Bridgeport, CT 06607

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West Palm Beach, FL 33406  
Bay City, TX 77414  
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Jacksonville, FL 32217  
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Woodbrige, VA 22191  
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Palo Alto, CA 94306  
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Appleton, WI 54911  
Margate, FL 33068  
#224 Davenport, IA 52807  
Dallas, TX 75248  
Encino, CA 91316  
Albuquerque, NM 87108

New Castle, DE 19720  
Mesa, AZ 85202

Sherman Oaks, CA 91423  
Sacramento, CA 95808  
Toronto, ON M4G 3P3  
Chula Vista, CA 92011  
Littleton, CO 80122  
Kensington, MD 20795  
Willowdale, ON M2L 2E5  
San Francisco, CA 94126  
New York, NY 10010  
Baltimore, MD 21218  
Cinnaminson, NJ 08077  
Atlanta, GA 30342  
Encinitas, CA 92024  
Voorhees, NJ 08043  
Stone Mountain, GA 30083  
Elmhurst, IL 60126  
Murrysville, PA 15668  
Lexington, KY 40502  
Sarnia, ON N7T 7J7  
Toledo, OH 43611  
Youngstown, OH 44511  
Tyrone, PA 16686  
Dover, MA 02030  
Davison, MI 48423  
Wrightsville, PA 17368  
Portland, ME 04102  
Eunice, LA 70535  
Churchville, PA 18966  
New York, NY 10028  
Darien, GA 31305  
Leaf Rapids, MB R0B 1W0  
Houston, TX 77005  
Etna, CA 96027  
Southport, CT 06490  
Oceanside, NY 11572  
Stratford, CT 06497  
St. John, NB E2M 4M2  
Hubbard, OH 44425  
Milwaukee, WI 53207  
Charleston, IL 61920  
Milwaukee, WI 53212

STENDEL, Steve  
STEWART, Harley E.  
STILWELL, MAHLON F.  
STONEBRIDGE, Mike  
STONIER, Robert G.  
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Erie, PA 16504  
Annapolis, MD 21401  
Fox Creek, AB T0H 1P0  
Glenrock, NJ 07452  
New Milford, PA 18834  
East Carondelet, IL 62240  
West Orange, NJ 07052  
Milwaukee, WI 53209  
Chicago, IL 60659  
Lawton, OK 73502  
Hatfield, PA 19440  
Acton, MA 01720  
Willingboro, NJ 08046  
Moran, KS 66755

## T

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THOMPSON, Lee  
THOMPSON, Charles R.  
THOMPSON, Glenn L.  
TINDALL, Bruce  
TINSLEY, William  
TOBIA, Alphonse  
TOEBE, Richard  
TODD, Michael A.  
TOMER, Randy  
TOPEL, John  
TOWNSHEND, William  
TROYER, Richard  
TRUAX, Dick  
TUDENHAM, John  
TUGGLE, R. Michael  
TURNER, Rudolph  
TWOROW, Peter

Ground Electronics Annex FPO, New York 09560  
2614 Jackson St.  
Paley Library  
Rt. 4, Box 34  
2355 W. Mich. Ave., Apt.  
119 S. Spring St.  
Rt. 1  
800 W. Buckeye St. Apt. 41  
P.O. Box 404  
48 Midland Ct.  
7603 Linden Ct.  
2350 Stonehaven Cir.  
P.O. Box 392  
1038 11th St.  
1893 Willow Hill Ct.  
4500 Conn. Ave. NW, Apt.  
13130 Wooster St. NW  
3003 Gleason Ln.  
2511 S. Harvard Ct. 28C  
909 Moores Mill Rd.  
614 Franklin Ave.  
21 Roseview Dr.

## U

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UNIVERSITY OF MANITOBA

c/o Uerlings Furniture, Box 69 Hastings, NE 68901  
DX-SWL CLUB  
Rm. 517, Box 131 U. of Manitoba Winnipeg, MB P3T 2N2

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VERNON, Brian  
VIEL, Rene  
VITTI, Rick  
VOJTA, Donald J.  
VONDEREMBESE, Gene  
VROOM, Dennis

7870-A Corsair  
804 7th St. NW  
General Delivery  
20 Rue Ste-Marie  
14 Bailey Ave.  
4308 N. Moody Ave.  
31-50 30th St.  
1128 Portland Ave., No. 6

Millington, TN 38053  
Minot, ND 58701  
Elsa, Yukon Territory  
Riviere-du-Loup, PQ G5R 1W5  
Darien, CT 06820  
Chicago, IL 60634  
Astoria, NY 11106  
Albany, CA 94706

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WALKER, Robert C.  
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WALSH, Tom  
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WALTERS, John H.  
WALTON, George E.  
WARD, Terry A.  
WARDELL, Paul  
WASHBURN, Charles  
WASHOFKY, Ralph  
WASYLIK, Barry  
WATERMAN, Sharon  
WATERMAN, Richard  
WATSON, George

443 E. Center St.  
201 Monroe Rd.  
2220 West Hwy. 524  
3786 Quince Dr., Apt. E  
18 Kristin Dr.  
767 S. 7th St.  
RD 3, Acorn Dr.  
314 High St.  
4755 S. Braden, #501  
2104 SE 28th Place  
Gin Cove Rd.  
P.O. Box 117  
307-925 Chancellor Dr.  
83 College Highway  
83 College Highway  
2535 Maine Ave.

Nazareth, PA 18064  
Sarver, PA 16055  
Westport, KY 40077  
Columbus, OH 43228  
Chelmsford, MA 01824  
Coshocton, OH 43812  
Vincentown, NJ 08088  
Easton, PA 18042  
Tulsa, OK 74135  
Portland, OR 97214  
Perry, ME 04667  
Gulfport, MS 39501  
Winnipeg, MB R3T 2J9  
Southwick, MA 01077  
Southwick, MA 01077  
Long Beach, CA 90806

WEINBURM, Jeff  
 WENDT, Watson  
 WESOLOWSKI, Ernest  
 WETTACH, Lawrence  
 WHALEY, Brock, H.  
 WHATMOUGH, David  
 WHEELER, Frank  
 WHITACRE, Bill  
 WHITE, Douglas D.  
 WHITE, Gary D.  
 WHITE, Thomas H.  
 WHITTIER, Harold A.  
 WIEN, Robert  
 WILD, Larry  
 WILKINSON, Henry  
 WILLIAMS, David  
 WILLIAMS, Todd  
 WILLIS, Kent  
 WILSON, Roy L.  
 WISHNEWITZ, Martin  
 WOLF, Dale D.  
 WONG, James  
 WOODS, Donald  
 WOODS, Jack  
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 3727 N. Pine Grove, Apt.  
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 1119 N. Harrison St.  
 71 Spring St.  
 1309 Dentwood Dr.  
 909 S. Lloyd  
 5028 Maiden Ln.  
 615 Hwy. 101  
 508 Pine St.  
 3210 Wellingmoor Ave.  
 Rt. 1 Box 272-D  
 35-34 84th St., Apt. D10  
 2605 Albert Ave.  
 P.O. Box 2746  
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 4073 NE Morning St.  
 P.O. Box 695  
 3155 French Rd., #194  
 1913 Jeannette Ln., Apt.  
 5276 L Street  
 908 West 14th St.  
 c/o E. Giguere  
 1716 Presque Isle

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 Omaha, NE 68107  
 Fair Lawn, NJ 07410  
 85 Orlando, FL 32808  
 Hamilton, ON L8P 1J8  
 Erie, PA 16509  
 Lansing, MI 48910  
 303 Chicago, IL 60613  
 Chanhassen, MN 55317  
 Arlington, VA 22205  
 Foxboro, MA 02035  
 San Jose, CA 95118  
 Aberdeen, SD 57401  
 Santa Rosa, CA 95405  
 Astoria, OR 97103  
 Hood River, OR 97031  
 Louisville, KY 40218  
 Harlem, GA 30814  
 Jackson Heights, NY 11372  
 Panama City Beach, FL 32407  
 San Francisco, CA 94126  
 Pacific Palisades, CA 90272  
 Corvallis, OR 97330  
 Palmer, AK 99645  
 Beaumont, TX 77706  
 7 Springfield, IL 62702  
 Sacramento, CA 95819  
 Marshfield, WI 54449  
 Marquette, MI 49855

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 YOUNG, Karen  
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 306 Chautauqua Blvd.

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 Fairfield, CT 06430  
 Wrightwood, CA 92397  
 Wrightwood, CA 92397  
 Erie, PA 16511

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 ZANK, Neil G.  
 ZONDLO, John P.  
 ZUMSTEIN, William

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 6617 Maryland  
 c/o App. Inf. Dev.  
 823 Commerce Drive

NIU DeKalb, IL 60115  
 Lincoln, NE 68510  
 Hammond, IN 46323  
 Oakbrook, IL 60521

**ONLY ON SUNDAY**

It appears that my region doesn't have enough radio broadcasting stations. My town is left without any strong rock music signals all day Sunday. So I acquired a 30 watt transmitter, crystal controlled at 1200 kHz and have been bootlegging on the air for 3 hours every Sunday since April, 1977.

The 8146 tube in the final causes the fluorescent light over the sink to flicker in time with the music, but that tube doesn't seem to be sending a very strong signal to Uncle Charlie. Where is he?

So far I've gotten records, public service announcements and advice from DJ's at 2 legit stations in nearby towns. Because of my good luck, I'm considering getting a new transmitter and using that here at WSLY. Would 200 watts be too much power for me to run, under the circumstances?

Station WSLY  
 West Virginia

*That should reach Uncle Charlie without much trouble. Sorry you've had such a hard time making the trip. The most fashionable bootlegger frequency these days is 1620 kHz, by the way. Uncle Charlie is having fits about the growing number of stations there. Some guys in the N.Y. City area had several stations on 1620 almost nightly for over a year (and even announced their phone number over the air—getting calls from the mid-west) before the FCC tracked them down!*

"S9" Magazine via  
 Bill Coleman

**KFI 64**  
 Los Angeles

**KLZ**  
 RADIO 560

**WIBC /1070**  
 50,000 WATTS

Digital dial accuracy: 15 ppm + 100 Hertz  
Analog dial accuracy: ± 1 kHz when calibrated to the nearest 25 kHz crystal marker  
Sensitivity: (SS /C1) less than 1 uv from .01-1.5 mHz; less than .5 uv with no preamp and less than .2 uv with preamp from 1.5-30 mHz. (AF) less than 4 uv from 0-1.5 mHz; less than 2 uv with no preamp and less than 1.2 uv with preamp from 1.5-30 mHz.  
Selectivity: with stock filter, 2.3 kHz at -6 dB and 4.2 kHz at -60 dB (1.8:1 shape factor). Other filters have similar shape factors.  
Two tone dynamic range: (signals spaced 50 kHz or more) 99 dB from 1.5-30 mHz with no preamp; 95 dB with preamp. No figures are given for 0-1.5 mHz.  
Third order intermodulation intercept point: +20 dBm with no preamp; +10 dBm with preamp.  
Image rejection: greater than 80 dB at all frequencies.  
Audio output: 2.5 watts at less than 10% total harmonic distortion.  
Ultimate selectivity: greater than 100 dB  
Blocking: greater than 145 dB above noise floor.  
AGC performance: less than 4 dB audio level change with 100 dB change in RF input. AGC threshold is .8 uv with preamp off and .25 uv with preamp on.  
Weight: 18.4 pounds  
Dimensions: 13" deep by 13.6" wide by 4.6" high

**PERFORMANCE EVALUATION**

Obviously this is a high performance receiver. Sensitivity is very good. It is likely that nothing better will ever be needed. The filters have excellent shape factors and possess good ultimate rejection. In the above two areas, I can find nothing to fault in the R7. Stability is excellent; sideband is stable within seconds of turning the rig on, making it unnecessary to chase the signal around. Image rejection is top notch. The area where the R7 really shines is the mixer specs. Third order IM figures are as good as are available at the current time. Blocking is practically non-existent with a mixer capable of handling such strong signals.

I am able to fault the R7 in only two areas, after thorough comparison with a 390A, SPR4, FRG7 with 3 kHz filter, HQ129X with 2 mechanical filters, HQ180A, and very briefly a RF4800. Firstly, the audio rates as very poor. Before someone accuses me of being too picky about audio, let me say that I have never considered any commercial receiver to have such poor audio that I would not own it. The R7 comes close. Whatever they used for an internal speaker, it needs to be replaced. Distortion and tinniness are close to in-tolerable. The MS7 external speaker is satisfactory but still not top notch. The second criticism is their choice in broadbanding the input stage at MW frequencies. While this is OK at HF where no practical, attainable amount of input selectivity will protect the receiver from strong signals only 10 or 20 kHz away, this is not the case at MW freqs. A good preselector has enough selectivity to be of great help to the urban MW DX'er. In practical terms, this means that the R7 was able to defeat the 390A between 720 and 800 kHz where super-local WSB is a terror, if and only if the R7 was tuned so close to WSB that the 390A's input selectivity was of no use. That is, 740 was DX'able on the R7 but not on the 390A but 720, 730, 770 and 780 were generally better on the 390A. The broadbanded RF input on the R7 also led to a handful of spurs from locals that were totally unheard on other receivers. This was true only on the Beverages, so it is possible that under less severe conditions the problem may disappear.

If you own a 390A, don't plan to dump it for a R7. With an SPR4, 180A, or FRG7, you most certainly will notice improvement when switching to the R7. Versus a 390A, the advantages will be ease of repair, portability, newness (most 390A's are 20 years old), digital tuning, better sensitivity for HF DX, and an ability to handle stronger signals as outlined above. I believe most DXers will not feel the advantages to be worth an extra \$100 however.



# GRAVEYARD DX ACHIEVEMENTS

BILL HALE  
1451-B FAITH DRIVE  
RANTOUL, ILL. 61866

Here it is, folks!! The newly-revised edition of Graveyard DX Achievements. Since this is volume 1, number 1, there are bound to be errors. So, let's hear from you with the correct data and, of course, your achievements to better those already established, or to fill in the blanks. If you don't see a station listed, it's because no record has been submitted for it. So here's your chance to get on the list if you've DXed that particular station. 1230 appears this month, 1240 next, and so on. Deadline for the 1240 listing is October 24. Let's get 'em in, and let's get on with it...

\*\*1230 ko-Pre-1960\*\*

Station & Location	DXer & Location	Distance
WBHP Huntsville AL	Gene Allen Vallejo CA	2000
KLFW Sitka AK	Gene Allen Vallejo CA	1550
KGFN Flagstaff AZ	Gene Allen Vallejo CA	630
KAAA Kingman AZ	Gene Allen Vallejo CA	505
KSUN Lowell AZ	Norm Maguire E. Hartford CT	2200
KRIZ Phoenix AZ	Gene Allen Vallejo CA	660
KLCN Blytheville AR	Norm Maguire E. Hartford CT	2200
KCON Conway AR	Gene Allen Vallejo CA	1655
KRKN Ft Smith AR	Norm Maguire Albuquerque NM	680
KBTM Jonesboro AR	Norm Maguire Albuquerque NM	860
KERO Bakersfield CA	Norm Maguire Albuquerque NM	700
KIWC Barstow CA	Norm Maguire Albuquerque NM	575
KIBS Bishop CA	Norm Maguire Albuquerque NM	680
KKO El Centro CA	Gene Allen Vallejo CA	165
KDAC Ft Bragg CA	Norm Maguire Albuquerque NM	845
KGFJ Los Angeles CA	Norm Maguire Albuquerque NM	630
KPRL Paso Robles CA	Don Kaskey Galva IA	1370
KRDG Redding CA	Norm Maguire Albuquerque NM	900
KVEC San Luis Obispo CA	Ernie Cooper Brooklyn NY	2500
KWG Stockton CA	Norm Maguire Albuquerque NM	740
KRAI Craig CO	Gene Allen Vallejo CA	810
KMYR Denver CO	Norm Maguire Albuquerque NM	325
KEKO Grand Junction CO	Gene Allen Vallejo CA	745
KLCV Leadville CO	Gene Allen Vallejo CA	870
KDZA Pueblo CO	Stan Morss Bradford MA	1900
KGEK Sterling CO	Frank Wheeler Erie PA	1195
WDLF Panama City FL	Norm Maguire E. Hartford CT	1050
WJNO West Palm Beach FL	Ralph Sperry Fairfield CT	1010
WDEC Americus GA	Norm Maguire East Hartford CT	900
WPNT Augusta GA	Norm Maguire East Hartford CT	785
WBLG Dalton GA	Norm Maguire East Hartford CT	820
KHBC Hilo HI	Norm Maguire Albuquerque NM	3100
KBAR Burley ID	Norm Maguire Albuquerque NM	625
KORT Grangeville ID	Norm Maguire Albuquerque NM	940
KRXX Rexburg ID	Norm Maguire Albuquerque NM	700
WJBC Bloomington IL	Frank Wheeler Erie PA	475
WHCO Sparta IL	Gene Allen Vallejo CA	1785
WFAM South Bend IN	Norm Maguire East Hartford CT	675
WBOW Terre Haute IN	Norm Maguire Albuquerque NM	1130
KFJB Marshalltown IA	Ralph Sperry Fairfield CT	950
WHIR Danville KY	Gene Allen Vallejo CA	2030
WHLN Harlan KY	Norm Maguire Albuquerque NM	550
WHOP Hopkinsville KY	Gene Allen Vallejo CA	1895
KLIC Monroe LA	Norm Maguire Albuquerque NM	790
WJEW New Orleans LA	Norm Maguire East Hartford CT	1230
WJOR Bangor ME	Norm Maguire East Hartford CT	360
WITH Baltimore MD	Norm Maguire East Hartford CT	270
WBOC Salisbury MD	Norm Maguire Albuquerque NM	1660
WJEF Grand Rapids MI	Norm Maguire Albuquerque NM	1225
WIKB Iron Mountain MI	Gene Allen Vallejo CA	1850
WMPC Lapeer MI	Frank Wheeler Erie PA	180
WSAM Saginaw MI	Norm Maguire East Hartford CT	835
WSOO Sault Sainte Marie MI	Norm Maguire Albuquerque NM	1375
KGDE Fergus Falls MN	Norm Maguire Albuquerque NM	925
KYSM Mankato MN	Frank Wheeler Erie PA	715
KTRF Thief River Falls MN	Norm Maguire Albuquerque NM	1005
KWNO Winona MN	Norm Maguire East Hartford CT	950
WCMA Corinth MS	Norm Maguire Albuquerque NM	1050
WHSY Hattiesburg MS	Hank Holbrook Chevy Chase MD	870

WSKB McComb MS	Norm Maguire Albuquerque NM	950
WSSO Starkville MS	Norm Maguire Albuquerque NM	945
WAZF Yazoo City MS	Gene Allen Vallejo CA	1835
KLWT Lebanon MO	Norm Maguire Albuquerque NM	790
WIL St Louis MO	Norm Maguire East Hartford CT	900
KANA Anaconda MT	Stan Morss Bradford PA	2150
KEMN Bozeman MT	Gene Allen Vallejo CA	790
KXLO Lewistown MT	Gene Allen Vallejo CA	910
KLCB Libby MT	Norm Maguire Albuquerque NM	955
KIYI Shelby MT	Norm Maguire Albuquerque NM	925
KTNC Falls City NE	Hank Holbrook Chevy Chase MD	1000
KHAS Hastings NE	Gene Allen Vallejo CA	1295
KELY Ely NV	Norm Maguire Albuquerque NM	450
KLAS Las Vegas NV	Frank Wheeler Erie PA	1420
KDOT Reno NV	Norm Maguire Albuquerque NM	730
KALG Alamogordo NM	Gene Allen Vallejo CA	990
KENE Belen NM	Gene Allen Vallejo CA	900
KOTS Deming NM	Gene Allen Vallejo CA	925
KCAK Gallup NM	Gene Allen Vallejo CA	775
KFUN Las Vegas NM	Frank Wheeler Erie PA	1400
KSWs Roswell NM	Gene Allen Vallejo CA	1050
KCHS Truth Or Consequences NM	Ernie Cooper Brooklyn NY	1890
WENY Elmira NY	Norm Maguire East Hartford CT	95
WHUC Hudson NY	Norm Maguire East Hartford CT	45
WLBX Utica NY	Norm Maguire East Hartford CT	160
WFAS White Plains NY	Frank Wheeler Erie PA	335
WISE Asheville NC	Norm Maguire Albuquerque NM	1300
WMFR High Point NC	Norm Maguire East Hartford CT	520
WFPC Kinston NC	Norm Maguire East Hartford CT	530
WCBT Roanoke NC	Frank Wheeler Erie PA	410
KDIX Dickinson ND	Norm Maguire Albuquerque NM	810
WCPO Cincinnati OH	Gene Allen Vallejo CA	2040
WHBC Canton OH	Norm Maguire East Hartford CT	440
WPOL Toledo OH	Norm Maguire East Hartford CT	500
KADA Ada OK	Gene Allen Vallejo CA	1450
WBBZ Ponca City OK	Gene Allen Vallejo CA	1390
KAST Astoria OR	Norm Maguire Albuquerque NM	1120
KRNS Burns OR	Norm Maguire Albuquerque NM	900
KOOS Coos Bay OR	Norm Maguire Albuquerque NM	1080
KQIK Lakeview OR	Norm Maguire Albuquerque NM	900
KYJC Medford OR	Don Kaskey Omaha NE	1415
KNPT Newport OR	Gene Allen Vallejo CA	470
KGON Oregon City OR	Norm Maguire Albuquerque NM	1065
KODL The Dalles OR	Norm Maguire East Hartford CT	2210
WCED DuBois PA	Norm Maguire Albuquerque NM	1590
WEST Easton PA	Norm Maguire Albuquerque NM	1700
WCRO Johnston PA	Norm Maguire East Hartford CT	245
WBPZ Lock Haven PA	Norm Maguire East Hartford CT	220
WAIM Anderson SC	Norm Maguire East Hartford CT	525
WOLS Florence SC	Gene Allen Vallejo CA	2400
WCAT Rapid City SD	Norm Maguire Albuquerque NM	630
WHBT Harriman TN	Norm Maguire Albuquerque NM	1330
WJHL Johnson City TN	Norm Maguire East Hartford CT	440
WMPT McMinnville TN	Norm Maguire East Hartford CT	850
KFPD Amarillo TX	Norm Maguire Albuquerque NM	275
KSLX Corpus Christie TX	Gene Allen Vallejo CA	1620
KDLK Del Rio TX	Norm Maguire East Hartford CT	1740
KNUZ Houston TX	Gene Allen Vallejo CA	1635
KLVT Levelland TX	Norm Maguire Albuquerque NM	255
KCRS Midland TX	Norm Maguire Albuquerque NM	255
KOSF Nacogdoches TX	Gene Allen Vallejo CA	1630
KOSA Odessa TX	Gene Allen Vallejo CA	1220
KPAT Pampa TX	Norm Maguire Albuquerque NM	325
KSEY Seymour TX	Norm Maguire Albuquerque NM	440
KWTX Waco TX	Gene Allen Vallejo CA	1485
KVNU Logan UT	Gene Allen Vallejo CA	610
KMUR Murray UT	Gene Allen Vallejo CA	590
KOAL Price UT	Norm Maguire East Hartford CT	1900
WJOY Burlington VT	Norm Maguire Albuquerque NM	1840
WFVA Fredericksburg VA	Frank Wheeler Erie PA	290
WLVA Lynchburg VA	Norm Maguire East Hartford CT	310
WNOR Norfolk VA	Norm Maguire East Hartford CT	300
KQTY Everett WA	Gene Allen Vallejo CA	680
KWIE Kennewick WA	Gene Allen Vallejo CA	595
KLAN Renton WA	Norm Maguire Albuquerque NM	1160
KSPQ Spokane WA	Norm Maguire Albuquerque	1060
WLOG Logan WV	Norm Maguire East Hartford CT	510

WCOM	Parkersburg WV	Norm Maguire	East Hartford CT	460
WBHY	Green Bay WI	Norm Maguire	East Hartford CT	1190
WCLO	Janesville WI	Norm Maguire	Albuquerque NM	1200
KVOC	Casper WY	Gene Allen	Vallejo CA	905
KOVE	Lander WY	Gene Allen	Vallejo CA	790
KPOW	Powell WY	Gene Allen	Vallejo CA	850
CFCW	Camrose AB	Gene Allen	Vallejo CA	1150
CKNW	New Westminster BC	Norm Maguire	East Hartford CT	1260
CJBB	Belleville ON	Norm Maguire	East Hartford CT	280
CKNX	Wingham ON	Norm Maguire	East Hartford CT	455
CFGR	Gravelbourg SA	Gene Allen	Vallejo CA	1145
WKVM	San Juan PR	Hank Holbrook	Chevy Chase MD	1530
JOHR	Sapporo Japan	Gene Allen	Vallejo CA	5050

\*\*1230khz-Jan 1, 1960 & after\*\*

WAUD	Auburn AL	Jeff Falconer	Clinton ON	785
WBHP	Huntsville AL	Carl Dabelstein	Lincoln NE	685
WTBC	Tuscaloosa AL	Dave Whatmough	Hamilton ON	805
KAAA	Kingman AZ	Rich Eddie	St Louis MO	1320
KRIZ	Phoenix AZ	Forest Osborn	Hooker OK	650
KATO	Safford AZ	Carl Dabelstein	Lincoln NE	905
KINO	Winslow AZ	Carl Dabelstein	Lincoln NE	860
KFFW	Ft Smith AR	Carl Dabelstein	Omaha NE	415
KEKO	Grand Junction CO	Carl Dabelstein	Omaha NE	685
KDZA	Pueblo CO	Carl Dabelstein	Lincoln NE	455
KGEK	Sterling CO	Carl Dabelstein	Lincoln NE	335
WONN	Lakeland FL	Alan Imprescia	New York NY	990
WNVY	Pensacola FL	Alan Imprescia	New York NY	1020
WJNO	West Palm Beach FL	Ernie Cooper	Provincetown MA	1190
WBIA	Augusta GA	Debra Hidden	Orlando FL	350
WBLJ	Dalton GA	Tim Kerfoot	Weston ON	635
WXLI	Dublin GA	Gene Allen	Vallejo CA	2330
WFOU	Marietta GA	Larry Van Horn	Millington TN	320
WSOK	Savannah GA	Jeff Falconer	Clinton ON	790
WAYX	Waycross GA	Harry Hayes	Gouldsboro PA	780
WJBC	Bloomington IL	Mike Hepe	Houston MS	455
WQUA	Moline IL	Wayne Heinen	Buffalo NY	620
WHCO	Sparta IL	Rich Eddie	St Louis MO	47
WJOB	Hammond IN	Andy Rugg	Montreal PQ	740
WBOW	Terre Haute IN	Carl Dabelstein	Omaha NE	465
KFJR	Marshalltown IA	Jerry Starr	Hubbard OH	620
WHOP	Hopkinsville KY	Carl Dabelstein	Omaha NE	545
KLIC	Monroe LA	Carl Dabelstein	Omaha NE	615
WBOK	New Orleans LA	Don Davis	Warner Robins GA	420
WITH	Baltimore MD	Dave Yocis	Fairfield CT	225
WCUM	Cumberland MD	Ron Musco	Windsor CT	355
WMNB	North Adams MA	Bryan Lee	Brooklyn CT	85
WESX	Salem MA	Mark Connelly	Shag Harbor NS	260
WNEB	Worcester MA	Bryan Lee	Brooklyn CT	33
WIKB	Iron River MI	Carl Dabelstein	Omaha NE	495
WSTR	Sturgis MI	Carl Dabelstein	Omaha NE	535
WKLK	Cloquet MN	Carl Dabelstein	Omaha NE	405
KYSM	Mankato MN	Carl Dabelstein	Lincoln NE	265
KMRS	Morris MN	Carl Dabelstein	Omaha NE	295
KTRF	Thief River Falls MN	Gary Atkins	Louisville KY	875
KWNO	Winona MN	Carl Dabelstein	Omaha NE	280
KODE	Joplin MO	Forest Osborn	Hooker OK	350
KLWT	Lebanon MO	Carl Dabelstein	Lincoln NE	285
KWLX	Moberly MO	Carl Dabelstein	Omaha NE	195
KHDN	Hardin MT	Gene Allen	Vallejo CA	930
KTNC	Falls City NE	Carl Dabelstein	Omaha NE	80
KHAS	Hastings NE	Carl Dabelstein	Omaha NE	135
KLAS	Las Vegas NV	Gene Allen	Vallejo CA	420
KCBN	Reno NV	Nancy Hardy	Aberdeen WA	490
WMOU	Berlin NH	Ron Musco	Windsor CT	220
		Bruce Conti	West Warwick RI	220
		Robert Wien	San Jose CA	940
KALG	Alamogordo NM	Norm Maguire	Albuquerque NM	130
KYVA	Gallup NM	Carl Dabelstein	Omaha NE	715
KRSY	Roswell NM	Dave Yocis	Fairfield CT	40
WFAS	White Plains NY	Debra Hidden	Orlando FL	480
WFAI	Fayetteville NC	Carl Dabelstein	Omaha NE	495
KDIX	Dickinson ND	Russ Edmunds	Glen Rock NJ	565
WUBE	Cincinnati OH	Carl Dabelstein	Omaha NE	680
WCOL	Columbus OH	Andy Rugg	Montreal PQ	555
WTOL	Toledo OH			

WBBZ	Ponca City OK	Carl Dabelstein	Omaha NE	310
KRDR	Gresham OR	Gene Allen	Vallejo CA	530
WBVP	Beaver Falls PA	Stephen McIntire	Des Moines IA	715
WTIV	Titusville PA	Bruce Winkleman	Man WV	295
WERI	Westerly RI	Tom Sundstrom	Willingboro NJ	175
KISD	Sioux Falls SD	Jerry Robertson	Crosswell MI	700
WAKI	McMinnville TN	Russ Edmunds	Glen Rock NJ	750
KNUZ	Houston TX	Pat Hartlage	Louisville KY	830
KEEE	Nacogdoches TX	Gary Atkins	Louisville KY	775
KOZA	Odessa TX	Rich Eddie	St Louis MO	820
KGRO	Pampa TX	Carl Dabelstein	Lincoln NE	430
KSST	Sulphur Springs TX	Stephen Ponder	Ft Worth TX	110
KWTX	Waco TX	Rick Carr	Austin TX	95
KMOR	Murray UT	Bill Hardy	Aberdeen WA	655
KOAL	Price UT	Carl Dabelstein	Omaha NE	865
WFVA	Fredericksburg VA	Andy Rugg	Montreal PQ	530
WNOR	Norfolk VA	Andy Rugg	Pointe Claire PQ	610
KOZI	Chelan WA	Brett Havavan	Chula Vista CA	1040
KWYJ	Everett WA	Robert Wien	San Jose CA	750
KWYG	Parkersburg WV	Harry Hayes	Gouldsboro PA	335
WBLY	Appleton WI	Wayne Heinen	Buffalo NY	530
WCLO	Janesville WI	Rich Eddie	St Louis MO	290
WXOO	Wausau WI	Rich Eddie	St Louis MO	430
CJOK	Ft McMurray AB	Morris Sorensen	Leaf Rapids MB	785
CKTK	Kitimat BC	Steven Miller	Boston MA	2865
CKNW	New Westminster BC	Gene Allen	Vallejo CA	780
CFPA	Thunder Bay ON	Morris Sorensen	Leaf Rapids MB	715
CHVD	Dolbeau PQ	Paul Mount	Teaneck NJ	560
CKLD	Thetford Mines PQ	Pete Taylor	Boston MA	250

There you have it, folks. Remember, when sending in your records, please compute the mileages. Round off to the nearest 5, except under 100 miles. Best regards 'til next time.



73, Bill

DXING 1:00-ISH TO 3:00-ISH

ERNEST R. COOPER - "The CAPE TIP DXer" - 5 Anthony Street - Provincetown, Massachusetts 02657  
 \*\*\*\*\* One verie came in, WMJD-1370, v/1, for 4,121 AM & 16 FM veries. Attention: anybody who works for the Post Office: The clerks at our local P.O. can't agree on what the postage is to Columbia & Venezuela - is it 25¢ a ½ ounce, or is it 31¢? And so to the DX trail: 8/22 - UnID TTer on 1560 1-3am & still going. Another on 1590, 1:07 & on. On 1400, an SS topping the pack at times w/a "R. Libertad" ID, but no city/country caught. I find no such listing, however. Um WHPY-1590 on ET/TT @ 2:11-2:59 ID. 8/24 - Colombian NA heard on 1180 @ 1:40 & off the air, unID. On 860, "Sugar Blues" @ 1:48, then Tfs, but again, no ID. Newie HJCE-1550 "R. Exito en Barranquilla" logged & reported 3:08-3:27. 8/25 - Again, WYFA-1580 ET/mx @ 1:13. Larry King Show aides as announced by him himself: WIS-560, KMJ-580 & WENE-1430. Um R. Beloiz-1100 Barranquilla is extremely loud these mornings, often o/WWNE. SM 8/26 - WYFA-1580 ETing again, 1:09. UnID TTer on 1370 1:35-2:05. No more DX till after the Great St. Louis convention. 9/4 - Um WKNE-1290 @ 12:44am. WPOP-1410 is again carrying the Barry Farber Show, AN. 9/5 - Pop mx on 1560, but no IDs, 1:15-1:25. WORG-1580, also unid, on for Hurricane David @ 2am on. 9/6 - Full moon, & rapid fading. UnID TTer on 1570 @ 12:54-1:05. WBAL-1090 now has a local TLK show AN, no more Herb Jepko. 9/8 - Um WBYM-1550 on ET mx @ 1:13. And, good old WYFA-1580 again @ 2:42, w/10,000w. SM 9/9 - TTer on 1450 @ 2:03-2:08, this is often in there, but never an ID is discerned. Local WDLW-1330 announced that starting 9/24, they'll be all c/w except when carrying the Red Sox & Larry King. MM 9/10 - TTERS on 1300, 12:34-12:36, & 1310 12:39, then I discovered a loud Colombian on 1092, which I IDed later as La Voz de Monteria, HJAW, nominal frequency is 1080, so he's 12 kHz high, & s/off @ 12:57am. WSAN-1470 is off NMs now, & two Canadios logged there in CKD till 3am s/off and then CKPB in FF to their 3:05 s/off; odd times for both to go off, but in CKD's case, it is midnight PST & the whole (FM otherwise) CKO chain goes off then. AN-6 WSPR-1270 was on ET @ 2:2. 9/11 - Ah, the first AM I've noted TA's; Frame-1206 good @ 12:49ac w/tango mx. 819, 855, & 864 had TA signals, too. On 1550, the mystery FF I described last issue, 1:33-3. 9/12 - 1270, TT 1:12-1:16 & on 1550, TT 2:12-2:26. 9/13 - TTer o/u CKLM-1570 @ 1:01-1:11, but on retuning in @ 1:39, he was gone. 9/14 - Oldie CFCY-630 o/WPRD @ 1:33, first time this guy has been heard in ages. TIGAL-525 heard for the first time @ 1:41; the HQ-180 doesn't tune that low while the R-39QA does. And, thanks this time go to NRC friends ROLLAND LINDBLADE, PAUL MOUNT, BRIAN SHEPWOOD, & BILL COLEMAN for their appreciated wee-hour phone calls. And so it goes, & I'll see you in a fortnight. Let's have those Mings, me hearties!



## MUSINGS

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

ENJOYED TWO CONVENTIONS - AS HOST & GUEST

JOHN CLEMMER - 2937 West Gilbert - Peoria, Illinois - 61604  
 \*\*\*\*\* I had a great time at the two Conventions. The IRCA Convention went very well here with 31 people attending. Many were NRC members. There were station tours of WXCL, WZRO (FM), WIRL, WSWT (FM), WMBD AM & TV, & WKZW (FM). The guest speaker was Mike Thatcher from WXCL. It was a lot of fun hosting the convention and I thank all those who attended. I made it down to St. Louis and saw many new people as well as old friends. I went through the Arch and Busch Brewery w/FRANK MERRILL & GARY SIEGEL but we didn't get any WIL T-shirts. Ask Gary or Frank, hi! We also stopped by KATZ and talked to a DJ there a while. Upon returning home I found a roll of Kodak film (Kodachrome 25) in my car in a grey canister. I believe it is DAN BARTK's. If it is your roll of film please let me know & I will send it to you. I sure hope to get to L.A. (NRC Convention site in '80) next Summer although I will be starting work right before that so vacation time may be hard to get. (Hopefully I'll be working after my May Graduation). Recent DX: WHK & WCKD both 1420 on 8/26 around 3am. We set up a beverage at the IRCA Convention although we didn't hear anything; we later found out the wire was down. WINU-1510 heard 9/5 @ 8:15pm s/ off. KSPR heard on 9/4 at s/off. WCCL heard 9/4 @ 9:36pm. WCCL is the new call for WYIG "Y-16". Format of WCCL is c/w. I tentatively heard WLS-1570 S.C. on 9/4, no positive DX, but detailed WX report w/hurricane warnings of Hurricane David @ 8:50pm, then S.C. news w/ S.C. Network ID, into Ai NX @ 8:55pm. The jumbled ID sounded like WLSK. Anyone else hear this and can verify whether this was indeed WLSK? KPOL Los Angeles wants KZLA as a new call. More later. Good DX & 73.

SUMS UP SOME SUMMER DX

DAVE SCHMIDT - 42 Cheslywne Road - Castle Hills - New Castle, Delaware - 19720 9/7/79  
 \*\*\*\*\* Very little has been done in the DX line over the Summer, much of my spare time was spent working on the house and keeping up with work at WCHE & WCUR. So, now that the season is starting up, I thought I'd drop a few lines. To what's been heard/reported: 7/10- WIT-1230 9:29-9:45am w/NX & MoR, this guy is a tough one to verify, has been for years. WIT is a daytime regular here w/WCMC/WEEK. 8/21- WGM-1410 12:52-12:56pm w/T, TT, ID at end, way atop WPOP/WDOV. They were last heard when they were WKI. 9/3- CKO-1470 1:43-1:56am w/NX & features, o/p CHOW, WBSN was evidently off. A few of the Miami stations were noted running day facilities due to Hurricane David. 9/4, WLBE-790 12:20-12:33 am w/hurricane info, WAPE-690 also running day power, mentioning calls from Kansas City and Philadelphia. By the time the storm got to this area, peak winds were about 45 mph, enough to bring my LW down and damage my FM antenna. Both WQIQ & WFBZ were off 9/6, due to power failures, nothing heard on either frequency of interest as our power was off 13 1/2 hours (I only had the TRF). My verie total is still under 1,000, now at 996 w/ the following added: v/1, SC, from WQHO-1080 Pa. (Pa. \$139, 100% return in the Keystone State), & a v/f from WYFA-1590. Locally, the radio front has not changed much except for WFEW, dropping T-40 in favor of a milked-down MoR format and talk from 7-10pm week-nightly, still NRP. WCAM was recently unloaged by the City of Camden to an outfit associated with former Pa. governor Shapp. They're still off at lam through the week & 3am on MM, I don't know of any changes there yet. And WASA-1330 has been noted running at night so I guess they've got their 500w night system going finally, noted here when the Oriole's BB comes from the WC. One final note, I trust that some type of limit will be started this year on non-related DX items showing up in Musings. Somehow I feel that items on TV programs, illnesses, and beverages (the liquid type) don't have a place in DX NEWS. 73's.

HOW ABOUT AN EASTERN MINI-CONVENTION IN '80?

TOM FARMERIE - 62 Sunrise Avenue - Grafton, Massachusetts - 01519  
 \*\*\*\*\* A contingent of NRCers was present at the annual New England Area DX Outing, Sept. 9th at Blackrock Park, Conn. This event has become larger by the year, thanks to the selfless efforts of Sam Barto. Over 100 attended & much \$\$ was raised for H.A.P. through the annual auction. The NRCers present included MARK CONNELLY, BILL GRANT, CHRIS HANSEN, JOHN KAPINOS, NEIL KAZAROSS, & myself. Due to the choice of L.A. for the '80 Convention, it is felt that next year, an event similar to NEADKO for PCBers would be a good idea. I would like to solicit comments, suggestions, etc. on such a proposed event. It will not compete directly with the '80 convention, just give an opportunity for attending an organized outing without the cost of going to L.A. I would also like to solicit reception reports of one of my programs on WOUW-91.3 mHz, FM. The one with the least QRM is Thurs. AM, 12:01 to 3am s/ off. We run 531 watts ERP now, w/a decent antenna atop a 16 story building. Program name is "Creative Music" featuring improvised Afro-American art music. Tentative reception reports are OK, or phone reports while on air at 617-793-7536. I will QSL, hi! (We hope you get some plugs in for NRC & ECB DX, Tom! -EC)

THE NEXT MUSINGS DEADLINE IS MONDAY, OCTOBER 22 - AND THEN - WEEKLY THEREAFTER!

BRUCE IS SPENDING HIS EVENINGS WISELY

BRUCE A. CONTI - 39 Bayberry Drive - West Warwick, Rhode Island - 02893 9/18/79  
 \*\*\*\*\* With the latest report that the Realistic TRF was nearing extinction at Radio Shack stores, I finally bought one. Compared to my Heathkit SW-717, the sensitivity is better on the TRF. The SW-717 has better selectivity. CHUCK HUTTON, is there any way arrangements can be made with Jeff Jaisun or 2JJ to get more copies of "Tune the Medium Waves?" Tune the medium waves I did, as follows: 9/5 DX: That unID B/SOL station on 780 I've been hearing during sunset turned out to be ZBVI, caught 7:35-7:50pm I&C w/may local spots. ZBVI was previously heard 9/4 evening w/hurricane reports. Hurricane David was bearing down on the Carolinas at that time, so I thought I had a coastal emergency broadcaster. As it turned out, ZBVI was reporting info on Frederick which was attacking the Isles at the time. 9/7- An unID-1490 GYer was heard w/s/off @ 11:20pm w/SSB u/WPOR & an PFC. CKO-1470 became a newie for the log w/a stock exchange report @ 10:57pm and Canada's top stories @ 11, w/an al-NX format, w/WLAM & WSNAN. Cuba was logged w/an ID @ 11:45pm w/a piano concert & // broadcasts on 590 & 600. 9/8- Newie WCOU-1240 emerged from the GY at 9:05pm w/an ID o/WACO. Newie CJVA-810 was caught o/u WGY w/FF EZL mx @ 10:15pm. Unn PJB-800 was noted in strong over everything w/gospel mx & religious programming in KE beginning at 10:35pm. Unn CHNS-960 was caught w/an ID during a commercial break w/Montreal Expo network BE in KE @ 10:46pm. An unID PFC was heard w/WOR-710, w/FF POP & MoR & some KE T-40 mx, FM-style segued cuts, very few breaks, & no commercials, NX @ 11pm, heard from 10:50 to 11:40pm, CIPC or CEVM? 9/9- WMLB-1550 was noted @ 6pm, mentioning thar October is C&W month. One verie came in, from WTGR-1520. Elsewhere in radio activity: The Providence Journal reports that WICE-1290 is having quite a few legal problems concerning the anterior sale transaction of that station. WICE is still up for sale by its "new" owner, and the only prospective buyers are a couple of religious organizations. 73's.

DAVE'S IN THE LAND OF RAH RAH RAH!

DAVE YOCIS - 502 West McDonel - MSU - East Lansing, Michigan - 48824 517-353-1503 9/17/79  
 \*\*\*\*\* As I will be attending the above "Institution of Higher Learning", hi, during the next four years (I hope!), several reports from this location will be trickling through these hallowed pages (time permitting). Before classes started I had an opportunity to do some listening, a couple good SSB catches, all in DDXD. Perhaps the biggest oddity was WWR-1600 N.Y.C., highly directional to the SE, far better than EVER heard in Connecticut! WRRL rarely rises above WUNR-Mass. but was well atop here 9/14. Daytime reception is better, too, lots of Chicago stations making it, even the 5kw-ers, ground conductivity is 8 mhos according to the PB, as compared to 1 mho in Conn. Locals are primarily daytimers, WKAR-870 covers about 840-890. WILS-1320 is the only real pest as far as sloop goes. WMSN-640, one of the campus carrier-current stations, is on and covers 1280 as well with a beeping tone - can anyone explain this? (Not the harmonic, why it beeps). Horrors come next week when WMCD-640 goes on the air directly under my room. QRN on the TRF isn't all that bad if you leave it on DC; the AC current really is busy around here. No luck with foreigners yet, some hets noted but I can't be sure as the TRF's got problems with selectivity curves; many stations are heard better by detuning off to one side, especially locals, or else sounds kind of like an SSB signal (no, not the song, hi). Tomorrow veries start going out, probably at a pitifully slow pace, but when you hear 97 new stations in three hours, it takes a while, hi. Totals thus far after five days in the glorious Wolverine (Spartan?) State are: 142/21/2/2. 73's.

TRAVELS, ECLIPSE-WATCHES, AND RETURNS HOME

BILL TOWNSHEND - 4500 Connecticut Avenue N.W. #901 - Washington, D.C. - 20008 202-966-8046  
 \*\*\*\*\* Hello once again from Watergateville. I enjoyed meeting many of the IRCANs and/or NRCers at the NRC Convention near the mouth of the Missouri River. Thanks to WALTER BREKILLE for letting us use his DX shack on Sunday night 9/2 at Wright City, 50 miles W of St. Louis. My farthest catches there were CBK-540, KFI-640, & PJB-800. I thoroughly enjoyed the water volleyball game in the Noah's Ark Motel pool (I encountered real splash, not the splash from rr stations, hi). After the Convention, I flew to El Paso, and shot several pix in the El Paso - Juarez area (XEROX-land; an SS-speaking bible-pounder was heard on that station). My trip wound up in Tucson, Ariz. (two days & nights). After touring the city & the San Xavier del Bac mission in the Papago Indian Reservation outside the city in the morning & the Old Tucson movie sets (many Westerns were filmed here) in the afternoon, complete w/a mock gunfight, Wild-West style, I cooled off in the Holiday Inn Motel's pool (temperature, 104°, 8% R.H.). I had a mammoth dinner & sacked in early so I could watch the pre-dawn lunar eclipse. The WX CX were perfect (warm temperature, 75-80° & clear - I don't mean 50kw class 1-A, hi! skies) & I got several pictures to close out my roll of film (I hope they all come out). The moon started to go into the shade at 5:18am EDT, was all the way in 6:31, started to emerge @ 7:17, & had cleared the dark shadow @ 8:30. Unlike a solar eclipse, this one had no effect whatever on DXing. While watching the eclipse, I held a DX session. I heard one station from back East (in D.C. I call this semi-local), WCAU-1210. It was carrying NX reports on the horrendous WX & resulting damage from Tropical Storm David (Biblical name, hi) & the tornadoes spawned from it in the Pa. -N.J.-Del. area. I knew D.C. was getting conked along with the rest of the EC. Andrews AFB, 4km from my work site & where I go to Naval Reserve meetings, got 7.2" of rain in 12 hours. Several trees were blown down outside my apartment in NW DC. Tornadoes were spawned & one high school in Fairfax, Va. on the W side of DC got zapped by tornadoes for the second time in 6 1/2 years (4/73 was the other). Thank Heavens I was in Arizona for the best viewing CX. The WC wasn't so great for eclipse watching either, with low stratus clouds on the immediate coast. Some interesting DX reports on EC daytimers on AN & of the pests knocked off the air are awaited. I was home late that evening. 73 de WPT.

WELCOME BACK, ROBERT!

ROBERT KRAMER - 3406 West Pierce - Chicago, Illinois - 60651 312-235-5188  
 \*\*\*\*\* Since I recently rejoined the NEC after an exodus of several years, I shall introduce myself to you known IRCA people. I am 26, presently unemployed, and am a recent graduate of Southern Illinois University, with a degree in, of course, Radio-Television. My shack includes the following equipment: a Hammarlund HQ-129-X, HQ-100C, an old Zenith Long Distance AM-SW table radio, model number 5-3-319, two TV sets, four cassette recorders, two 4' x 3' spiral loops, a 150' LW, & deep fringe TV antennas for UHF & VHF. Besides my interest in CB, I also DX TV. I am the current editor for the Eastern TV DX column in the WTFDA. My CB stats: Stations: 2,523/1,671, states 49/48, provinces 10/10 & countries 31/17. I really don't chase foreign very much, although I will log one if I get it. I stopped verifying foreign several years back. The DX of recent has been well beyond unbelievable. After two straight years of sub-par CX (last year KSL-1160 was rare), this year seems to show promise. 9/16-17 produced very rare sunrise reception into New England. 9/15-WJBQ-1440 (only my second Maine). 9/17-WNYC-833, WYNH-1110 (tentative) & my third Maine, most wanted, & most sought (I've sat on this frequency many mornings at SES looking for them) WCSH-970. Graveyard DX is also good, with the usual September CX present, making locals easy to null. Does anyone who knows anything about propagation know why late Summer & early Fall is the best time to null local QYers? 73.

WROA-1390 & WABE-1480 WERE THE ONLY STORM-AREA STATIONS ON

JEFF LOCKWOOD - 3131 El Prado Boulevard - Tampa, Florida - 33609 9/19/79  
 \*\*\*\*\* Hello again everyone, it's time to Muse again. Those who attended the Convention had a rare DX opportunity as WGBS & WGTO stayed on day power & pattern to broadcast info on Hurricanes David. Both were heard with armchair copy, at least at times, at the Innsbruck Estates DXpedition 9/2-3 from 10pm to 3am. Some DX here during Hurricane Frederic, as WUNI-1410 was forced off the air: WONS & WDAK s/off 7:45pm 9/13, and WPOP @ 8:33pm, folk by WING @ 9:08pm, four newies on the same frequency in one evening. WRAM-740 was on the night before with emergency info. Furthest graveyard heard so far is WAUD-1230 on f/c (per list). Also heard on f/c was WRNH-1350 at midnight 9/17. WAME-1480 was heard @ 8:47 pm 9/14 o/WABE, the only Mobile station on during the hurricane. WROA-1390 was also noted on, the only other station in service in the area affected by the storm. As you know now, ED MITKUS has just become an "active" in the Club, proving that static & Cubans (Cuban stations, hi) don't discourage DX in this area. I got an extra-large dose of the latter while in Key West last month. Query: Is the one on 610 really 1 kw and located in Trinidad (on the S coast of Cuba)? It gives WIOD fits both here and in the Keys. It doesn't seem it should be anywhere near that strength. coming soon: "The Plains Country DX Safari", at "Awbun" U. (that's how Shug Jordan says it, hi), Nov. 2-3. Predicated attendance: 1 (unless any o' y'all wanna join me). 73.

FROM THE HURRICANE FREDERIC AREA

GERRY THOMAS - 2355 West Michigan Avenue - A-11/460 - Pensacola, Florida - 32506  
 \*\*\*\*\* As I write this (by candlelight) the eye of Hurricane Frederic is about 40 miles SSW of Pensacola and winds here have just hit 95 mph. Every radio in the house is on and as I scan the MW band on the battery-powered Frog, I'm a little surprised to find that reception isn't as bad as one might expect. The only significant electrical noise is being caused by exploding transformers (which create an eerie green lightning effect). Stations on the other side of Frederic (WTIX-690 & WNL-870, New Orleans) are only slightly reduced in readability. In fact, reception from all directions and distances seems pretty normal. Locally, WNVY-1230 is still broadcasting but I don't expect them to be on much longer because a couple of months ago they were knocked out by a heavy rain (and Frederic is more than a heavy rain). WCOA-1370 was simulcasting with WJLQ-FM until a few minutes ago when the FM XR's coax feed snapped in the wind (the engineer refused to climb the tower to splice it, hi). WCOA is now on emergency power and using its second backup transmitter (which can't be more than 100 watts, judging by reception). And as I write this, WCOA reports that my other nighttime local, WESH-1450, has just lost the top half of their tower to the winds and are off the air. Apparently many of the residents here are now totally without local radio service because pensacolians have begun calling WNL-870 for local WX info & WNL has begun broadcasting reports to this area. Did somebody say something about doing away with clear channels? 73's from a disaster area, I'm sure. (I hope you came through it unscathed, Gerry!KRC)

HIS RECEIVER IS WELL 'ORIENTED'

MORTON D. MEEHAN - 7682 North Star Avenue - Twentynine Palms, California - 92277  
 \*\*\*\*\* I've heard China & Japan for the past seven mornings- that is, Sept. 5-11. Frequencies are: 828, 873 & 1044 kHz. China starts appearing first about 4:30am & has no problem from WHO but @ 6am Mexicali on 1050 starts splattering them. The Japan station on 828k builds up about 5am as WCCO starts to die with daylight. They continue in here until about 6:30am. Japan on 873k carries the same program & receives some slap-over from the strong KEVN. At 6am a semi-local comes on 870 & ends Japan. All three stations have very good signals, fade very slow & rarely drop below the noise level. Some mornings 828kHz was the strongest & other mornings 1044 was loudest. Los Angeles Ice Hockey moves from KRLA-1110 to KIIS-1150 this season. I'm still treating my Esophagitis problems but except for diet I'm back to normal. It's been seven months since I've had a beer and I wonder if you could top that, Ernie? (How about seven HOURS? -ERC)

LET'S HAVE THOSE MUSINGS, BOYS - AND YOU GIRLS, TOO! DEADLINE IS MONDAY, OCTOBER 22, THEN EACH MONDAY THEREAFTER THROUGH MONDAY, DECEMBER 3. PLEASE DOUBLE SPACE. WE NEED YOURS!

DAVID AND FREDERIC ADD TO HIS DX CATCHES

KARL JETER - 3590-C Clubhouse Circle East - Decatur, Georgia - 30032 9/16/79  
 \*\*\*\*\* Things are beginning to perk up around here DX-wise lately w/some interesting things heard because of the two hurricanes of late. I hope none of our ranks were hurt by the storms that caused so much destruction. The details have been sent to RAY ARRUEDA for DDxD, but here's a rundown on stations heard on for emergency broadcasts: Hurricane David: 9/3- WGTW-1580 & WYHI-1570. 9/4- WLSC-1570 & WKSP-1570. Hurricane Frederic: 9/12- WSEP-1580, WJSE-1050, WKYD-920 (on day power), WQTY-1000, WMDX-1010, WRAM-740. Of all those, only WYHI & WLSC were new logs for me. Many were heard with amazingly strong signals, and it was some pretty exciting listening for me. Over Labor Day, since the convention was out for us, we stayed closer to home & travelled to the N.C. mountains for a few days. In honor of the sacred event taking place those days, I stopped at a few stations, visiting & photographing. Best stop was at WFSC-1050 in Franklin, N.C. The CE showed us around, demonstrating the equipment and showing off his brand-new homebrew FM board. I also stopped in at WIAF-1500 in Clarksville, Ga. & WFWH-1350 in Cleveland, Ga. to collect errant veries. WFWH is inside an ancient army "quonset" hut and looks pretty bad outside, but is quite nice inside. My report was lying on the AM console when I went in. WIAF is in a store-front (VERY unimposing) in the center of town. Incidentally, the CE at WFSC asked me if he knew of some strange character named TED FLEISCHAKER he'd met while he worked at WDEM, Statesville N.C. (hi). The only other September verie besides the two extracted in person already mentioned is a v/q from CBJ-1580. I hope the Convention was fun and enjoyable for all! I guess the St. Louis boys now know the old parable: Conventions are more fun to attend than host! 73's for now.

A LITTLE MORE SUMMER DX

DICK TRUAX - 3003 Gleeson Lane - Louisville, Kentucky - 40299  
 \*\*\*\*\* I just got back from St. Louis and a big "Hats off" to LOU BUKHLER & family for making the 1979 Convention a big success. A side effect of every convention I attend is a resurrection of my interest in DXing for the new season. So while it is meager, here is what has happened since the last Muse. Going way back to 7/1- WASC-1530 S.C. s/off @ 8:43 pm w/pest WCKY milled somewhat, then WHYY-1530 Ala. @ 8:41pm w/two IDs on replaying the tape. A real surprise on 7/2 w/WAJP-1490 Ala. @ 10:05pm ending CBS NX w/ID, then into rr, very strong o/the multitude. 9/3- Umm WGTW-540 noted on AN for Hurricane David as was newie WGTW-1580 Fla. @ 10:35pm w/hurricane info. Then on 9/16 CFGM-1350 Ont. @ 7:09pm w/ERC mx & ID all alone, semi-local WERT is off early Sunday eve during the Summer months. I was out of town on 9/12 so missed all the action on the Gulf Coast w/Hurricane Frederic - but there would've been several good catches that night. Rig here is an HQ-180A w/modified 2 1/2' atlas loop. I also have an R-390A in stages of being aligned - purchased from a source which will remain nameless from now on so that I might maintain my temper!! It was discussed at length in an earlier Muse. I hope to be fairly active this season if CX permit. More as it happens.

DX IS GOOD IN BEANTOWN

STEVEN D. MILLER - Boston, Massachusetts Vol. 2 No. 9  
 \*\*\*\*\* Hello everyone! How's DX-er-ing? This is the first issue of the Vol. 47 publishing year. I'm proud to be a member of the living NRC, & I shall continue to stay with this fine club for another five-plus years. And just before my membership during those next 5-plus years to come expires, I will proudly release a report of my contributions to the NRC & DX NEWS, from the previous volume years (5). A sad note; this issue contains my last log report to "Rocket Ray" but right after I reconstruct my aging ground, I will continue my log contributions to his excellent column. DX news for this issue is as follows, first, #2-n-3 on 850 kHz were logged recently, they're WRAP from Virginia (both logged 8/6) & CKVL from Quebec. Both were noted w/fairly audible signals. Also in DX news, I recently logged GYer #16, WXXW-1450 Indiana was heard, signal was o/u "pesty" 1460 O-K-O N.Y. That's #5 on 1450. As the DX news rolls on, I've just recently logged one of my farthest domestic catches on the ECB, from Wyoming, KTWO-1030, also an 8/6 catch. Details in Rocket Ray's DDxD column this issue. Consult his column for proof, hi! 73's & good DX from the "regular contributor", Steven D. Miller. See ya next issue.

GETS PROMPT VERIE WITH TWO YEAR OLD REPORT

BILL GILBERT - 26 Terrill Lane - Long Island, New Ycrk - 11754 516-269-9554  
 \*\*\*\*\* Hello from Long Island. I want to thank BILL REGAN & BRYAN GRIFITHS for their letters & help in IDing my UNID of 12/16/77 on 580 @ 6:06-6:40pm. I sent report to WCHS, Charlestown, W.Va. Thurs. 9/6 & received confirmation of reception card Wed. 9/12. This is the fastest results yet in getting a QSL, & the report was almost two years old. I have tried an SSS session on 1580 again but TVI from TV sets in the house has driven me to the point of paranoia. I will have to invest in an RF filter JOHN CLEMENTS mentions in his Q&A column. Is this filter called "TVI Filter" in Radio Shack stores? DX on 8/1- WESC-1550 @ 9:35pm w/Negro Spiritual mx, they put a good signal in here from Bennettsville, S.C. 8/3- WALL-1340 Middletown N.Y. w/ID & rr @ 11:47pm-12:25am. A storm on Fri. afternoon 8/10 put local WGSN-740 Huntington off the air for 1 don't know how long. I noticed them off @ 5:45 pm, then @ 5:55 they were on again. Same date, newie WTOP-1570 Towson, Md. w/IDs & s/off, heard from 7:33-8pm. SM 8/18- WECB-1490 Levittown, Pa. w/WX & NX @ 1:28am. And then on SN-SM 9/2 CKGM Montreal w/pop mx & ID 1:10-1:20am. Flash - BG hears first Mexican station! 9/2 w/local WGN off, XEG-1050 Monterrey N.L. w/Bread of Life Temple Hour in EE 31:25am. Well that's the DX from here. 73's & good listening in the coming season.



WELCOME BACK TO MUSINGD, GEORGE!

GEORGE C. GREENE - 1527 Sunset Avenue - Akron, Ohio - 44301  
\*\*\*\*\* Time for a long-overdue Musing from this DXer. Actually, listening time has been short of late, so not much DX has been heard. I have been away virtually every weekend this year on short trips (within 500 miles of here) either to air-check radio stations, visit other DXers, or just plain "play tourist", hi. As for the DX itself, during the NRC Convention, I heard the WGBS-710 & WGTO-540 specials for the hurricanes, which was for most of the evening of 9/2. Then, two days later, WTMA-1250, WGSC-1390 were noted for the same storm as it neared Charleston, playing rock mx with hurricane-type info in between the songs. Another similar thing was noted on 1460 but they didn't give their calls - any-one with any ideas of who it was? Going a little farther back, WTSN-1270 was heard with excellent signals the evening of 8/12 in the Buffalo, N.Y. area - I guess they forgot to switch patterns (or maybe, since the signal was so good, the pattern was backwards or something). Besides the above-mentioned NRC gathering, I also attended this year the IRCA, WTFDA, & GWDKA conventions. The latter, held in Vancouver, featured a DXpedition to a beverage site on Vancouver Island, but while all the TPs were rolling in, most of the members there (including this one) were sleeping, hi, having had only a couple hours sleep the night before. By now, two of the AM-to-FM format switches have occurred, with WAVZ-1300 now MoR with the rock on their FM, same thing in Ft. Wayne, with WMEB now WQHK & c/w. WOKY 920 may do the same thing, also. I see that Don Imus is back mornings at WNBC now, while KSTP-1500, WINW-1520, & WKEK-1230 have all gone from T-40 to a basically adult contemporary sound. WABQ-1540 in Cleveland has been sold for \$500,000 but I can't really say if a change from their black/jazz format is planned. By the way, all those who are interested in trading air-checks and who live in ZIP codes with a 2, 3, 6, 7, 8, or ANY Canadian postal code, please write, as I'd like to start trading tapes with members in these areas. 7909.20. 73.

PAUL MOUNTS HIS NEW BUICK & GOES BACK TO COLLEGE

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764 8/79  
\*\*\*\*\* Just as I was going for ERIC FADER's continuous Muse record, I ran out of Muses. Time to start another string in my second club. Most of DX time during the Summer in Teaneck, N.J. was spent on FM, cause mama, that's where the fun is (as Manfred Mann would say). A few new catches to add to the log, such as WDLW-1330 & Chicoutimi on 1420. They put the N.J. log up around 523. I saw more DXers than heard more stations. Mr. GEORGE GREENE was out to N.J. twice in June. I went to Wildwood Crest in July, out spent almost no time DXing there. Sometimes it felt like an obligation, to go up on the sundeck with TRF, SM, tape deck, NRC Log, & notebook to try to add to the day log or tape. In August I took on a second job, doing of all things, delivering papers, which I hadn't done since I was 17. It was rough, especially the last week of it when I was used-car hunting instead of collecting, but it paid off. I got a good car (a bit of a gas eater, though) for a good price. Leaving Tues. Aug. 21, the Buick LeSabre of 1971 & I took off on the interstate that begins in Teaneck, I-80, for a ten day tour of the Midwest. We'll have that story next time. At the Madmen GTG I got to see some of the contest entries. Congratulations, MIKE HERPE, on some of your catches such as KAPA-1340 Raymond, Wash. @ 9:30am EDT, also KOTY-1340 Kennwick, Wash., & KNEW-1340 Wenatchee, Wash. You heard some stations some Washington DXers need! But you didn't share your catches in DDXD & Musings with us like #s 2, 3, & 4, LARRY VAN HORN, DAN GRADIN, & I did. Will we see you this year in the contest? More next time. 79s.

\*DIAL-A-MUSE\*

BRIAN SHERWOOD - 1231 Schneider Hall - S.I.U. - Carbondale, Illinois - 62901 9/21/79  
\*\*\*\*\* (The jist of this telephoned in by Brian & worded by ERC - ERC) Hello, everybody - I've just gotten my novice ticket (KA9EJW) upgraded in early August to Technician. I am working on 146.52 Simplex and Monday nights @ 8:30pm on 3703 kHz CW, & on high frequency bands at W9UIH here at college - there are no new BCB loggings. I plan on being home on Thanksgiving weekend - more later. Noise here makes DXing difficult - take some of it off my hands, & blow up WCIL! Anybody got a decent general coverage radio for \$10-15? If so, please get in touch with me. Bye for now.

\*NO HEADLINE\*

STAN MOESS - Route 3 - Bradford, Massachusetts - 01830  
\*\*\*\*\* I'm noting WETT-1590 in evenings, equal to WSMN at times, when looking to see if WDCI is there, & WABV is a "regular" now on SMs - WSMN s/on late now, & WABV is in nicely. Now is WFEA would do that! At least FM listening is increasing - the past year, 51% of radio listening was done on FM, & 49% on AM & the projection is of a 1% increase for FM for the full year of 1979 - here's hoping FM keeps increasing - maybe less AMs on AN (impossible dream). I am busy, busy, busy on the farm these Fall days, till freeze-up. KEZY was given permit for 1090 kHz, 50,000 D, 1,000 N. KIDR-1090 is to go to fulltime, so two more full-timers on 1090 soon. A grant for Hyden, Ky., 1,000w, but Broadcasting says 1600 in one place, and 1060 in another - which is it?

WE WOULD LIKE TO SEE A GIANT INCREASE IN THE NUMBER OF MUSINGS FOR THIS SEASON. WHY DON'T YOU DECIDE TO BECOME ONE OF US, AND SEND IN A MUSING, NEATLY DOUBLE-SPACED, TODAY THE NEXT DEADLINE IN PROVINCETON IS MONDAY, OCTOBER 22, AND THEN WE GO WEEKLY. LET US KNOW WHAT DX IS LIKE IN YOUR TOWN THESE DAYS & NIGHTS & EARLY MORNINGS! LIST YOUR DX BY DATE & TIME (in EDT, please) AND PASS ALONG TO THE OTHER 700 OF US WHAT YOU HAVE BEEN HEARING! JOIN THE LIVING N.R.C.! YES, FRIEND - THEY ARE INTERESTED IN YOUR ACCOMPLISHMENTS!

DARN THE STATIC! FULL SPEED DX AHEAD!

RICHARD TOEBE - 2350 Stornshaven Circle - Reno, Nevada - 89511  
\*\*\*\*\* As Summer wears on, static has been getting worse, but that hasn't stopped my DXing. 8/19- During KCRL's SP, I heard CMJN for the first time w/mentions of Nicaragua between spurts of static. KNCO-1250 Grass Valley is now on the air, heard 8/23, 10:50-11:15pm s/off. Other news: 8/23- KCKY-1150 1-1:15 w/ID, reference to 'KCKY Trading Post' then into Larry King. 8/31- KNAE-540 Delta, U. 10:17-10:28pm w/WX, ID, "K-neck Radio 54", CWM. 9/4- Insomnia ruled that AM, so mucho DXing - KBOB-690 in near total XETB null, 6:15 am IDed. 6:42, brought KTKT ID by Casey Casem w/pjug for his AT-40 show. I heard ESKY-660 for the first time about 7am w/gospel talk, weak but readable, faded shortly thereafter. 9/7- KPQW-1260 1:05 s/off ID c/KYA/KGIL. KJAY-1430 is now SS, heard 8/31 10:40-10:50pm. Other SSS: 9/8, 7-7:15pm unID SS on 710 w/KMPC. 9/6 was strange CX-wise: FWL was almost local strength, WSG very strong w/SS underneath, I believe it was YNK. XERPM-650 was in well w/usual disco mx & XEQB-1030 u/KIWO, very faint but I could catch the conversation. Even LW was good w/second FAA station heard besides local, but that's another story. I think I've heard my first beacon at around 1610, the code was very rapid. Is this normal for beacons? Unfortunately I don't know code so I couldn't begin to tell about it. RICK KENNEALLY was asking about logs: Mine is in a 6x9 binder, loose-leaf divided into two sections: the log itself, numbered (I have now heard 416 different) and the second is the reference list by frequency. Each station listed has its log number listed for easy cross-checking. These are entered w/Flair pens in different colors, each color denoted rough geographical area, distance. Example: All Nev & Cal. stations are green, all states W of Rockies light blue including no Mexicans, so 1/2 Alberta, so 1/2 B.C. Rockies to Mississippi, Sask, Man., N.Y. 1/2 B.C., Alta., central Mexico: pink; Big Muddy to Appalachians, north Canada, Ont., so Mexico, So. Alaska. Red, Eastern Seaboard, P.Q., Maritimes, No. Alaska, Central America, Caribbean. Dark blue, rest of world is olive. This gives me a vivid visual presentation of the makeup of DX on each frequency. The log & self has all the important facts needed. 73's.

CARL DABLES IN SUMMER DX & SCORES HEAVILY

CARL W. DAEELSTEIN - 8209 West 78th Street - Overland Park, Kansas - 66204  
\*\*\*\*\* Another Convention has come and gone. A million thanks to Louis and Junior for all their hard work. It sure was nice to renew some old friendships and make some new ones. A little DXing has been done since last Muse. On 8/10 I got several new catches on 1590, beginning with WYID in Jackson, Miss. w/s/on @ 6:45 using the crow of a rooster. Then, at 6:58 and continuing for several minutes, I got five consecutive s/ons, one beginning right after another ended. In order they were WMSO Collierville, Tenn., KYDE, Pine Bluff, Ark, KWEG Boone, Ia., KSPR Springdale, Ark. and local KPRT. WYIG, WMSO & KYDE were all new, although KYDE was previously verified as KPBA. The r/c-TT from KPDN-1340 heard 8/27. After returning from the Convention, I got a couple of re-logs on WGTO-540 and WAPE-690 with their Hurricane Dave broadcasts, on 9/3. 9/7 brought KGIR (ex-KFVS) on 950 w/r/c-TT. 9/9 brought a new call change, WCLL-1590 (ex-WYIG) w/ABC NX @ 2:50am. S/on from CBO-920 with "O Canada" @ 4:59. Several new loggings were made on 9/12 with the emergency broadcasts for Hurricane Frederick, including WABT (ex-WQTY)-1000 in Montgomery, Ala., WARB-720 in Covington, La. and WWRQ (ex-WPCF)-1430 Panama City, Fla. Um: WMDX-1010 was also heard on for the storm. I also logged KOSTY-790 in Arkansas for the first time that evening @ 11:56 with a promo for a 10,000 meter run. Last new logging was on 9/20 when new KCRB (ex-KOWH)-660 in Omaha was heard with religion @ 5:55pm. A few varies have trickled in: v/ls from WCVS-1450 (Thanks, MARTY WRIGHT!), WMSO-1590, WGEK-1350, CKPT-1420, WGTO-1540, KYOO-1130 and KOSTY-790. V/c from KYDE-1590 and v/CM from WAPE-690. Total varies are now at 2,019. A belated welcome to our new Omaha member, DAVE MARGRITZ. It's nice to see some new blood in the Hometown. For now, 73s and good DX.

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

CHAPTER CXVIII - NEW ENGLAND REGIONAL NETWORKS, 1951 - by PETE KEMP.  
During the early 1950's radio's dominance was challenged by the upstart medium (radio with pictures), television. Due to the topography of the New England region, TV reception was spotty for a long while, thus radio retained its influence in the rural communities. The following are lists of the regional radio nets:  
CONNECTICUT STATE NETWORK MAINE BROADCASTING SYSTEM NEW ENGLAND REGIONAL  
WNAB WTHB WNHC WNLC WSTC WTOR WATR. WCSH WLBZ WRDO WBZ WOSH WJAR WLBZ WVIC WEDC

NORTHEAST BROADCASTING SYSTEM

WABI WLAM WFOR  
WTVL WFEA WINE  
WLNH WMOU WJOY  
WHDN WBRY WSKI  
WACE WALE WREC  
WBEM WEIM WEAH  
WKOX WNEB WHTT

NEW ENGLAND MAJOR MARKET GROUP

WLAW WPRO WDBC WTAG WGAN WGUY

THE YANKEE NETWORK

WNAC WICC WALF WONS WLNH WKPR WRRY WEAN WVEY WYSA  
WFAU WTSV WEIM WHYN WCOU WNEH WMTW WSYB WYON WYSL  
WIDE WEXL WHAI WOCB WLLH WNLC WHEE WRCC WAAB

NEXT WEEK: "THEN AND NOW IN PHILADELPHIA" - by DAVE SCHMIDT.  
We have on hand for future Mothball Memories, contributions from PETE KEMP, CEBAR OBEJIO, MORT MEEHAN, STEVE PONDER, & MARK CONNELLY. WE WELCOME MORE FROM ANY AND ALL, OLD TIMERS, AND NOT-so-OLD-TIMERS. LIKE WITH MUSINGS, PLEASE DOUBLE SPACE. THANK YOU!

THE DX TEST SEASON IS UPON US. PLEASE BE SO KIND AS TO SEND REPORTS TO ALL SUCH STATIONS, AND, FAILING TO HEAR THEM, DON'T FORGET THE COURTESY OF SENDING THEM A THANK-YOU MESSAGE.

## SURVEY REPORT

Back in 1977, we conducted a member survey in order to better direct our efforts to meet needs of the membership. A short time back we also conducted a survey. The responses, to a great degree, have helped us chart a direction for NRC. Originally, this summary consisted of 10 legal size pages. Anyone wanting a copy of the full summary should send 41¢ in postage--responses will be made within 30 days.

Question 1 related to the purpose of NRC. The majority of about 50 replies stressed that NRC was here to collect and distribute DX related information. At the same time, since NRC is a hobby, a reasonable amount of socialization was favored by those responding.

Question 2 concerned changes to improve NRC. There were several categories of replies. The largest response stressed need for membership development, specifically to encourage inactive members to participate. A couple of members suggested an effort be made to end what was felt to be an "Eastern Orientation" of NRC by getting West Coast participation. \*\*\* Ten members offered no specifics or felt that NRC did not need improvement, indicating that the trial and error process over 46 years has resulted in a very good club. \*\*\* Four members opted for more democratic government, but not on every little issue, rather on major decisions like dues increases. \*\*\* Constructive criticism was leveled at LPC on its handling of controversy. One member noted improvement if we would eliminate bickering in the club. \*\*\* Some detailed comments were directed toward NRC publications. Rewriting and updating of publications and looking into new publications were stressed. It was noted that our pubs have always been great member-getters, money earners, and member keepers. Personal comment: This is the most important subject area for consideration over the next year or so. We in Louisville have the ability to print what is needed, but updating of current publications and implementing possible new one must be handled elsewhere. We here lack technical expertise and the time to do so. This is a constant process requiring someone of the "take charge" type who is willing to work and coordinate the technical aspects of our publications. \*\*\* A more organized CPC effort was wanted, directed at key stations.

Question 3 dealt with improving DX News. There was an awful lot of suggestions here. The largest number were happy with DX News as it is. More issues in the summer were suggested. Several members objected to tip material in Musings and still others wanted more tip material there. One member wrote: "Musings is overdone. Stricter control needs to be placed on what is acceptable. Old timers with truly interesting info or ideas need to be drawn back in..." Each column should have specific rules and these should be printed, wrote another. \*Other ideas: More technical articles, more receiver reviews, a station-profile page, more information obtained from newspapers, trade mags regarding contemporary developments in MW radio, more info on radio personalities, more pictures, member biographies, more information on rule changes for MW broadcasting. Eliminate DDXD, Contests, rankings of LXers as these do not aid other DXers, filler, junk, trash and egotism which does not help members to log and verify MW stations. Consolidate AM Switch and NRC Log updates. Consolidate AM Switch with LEXD. Have color covers (we did!). And many others.....

Question 4 asked if the columns were hard to read. At the time of the 1977 survey nearly one-fourth of the replies indicated difficulty with LXN print size. This we rephrased the question and only 11 of 50 said they had no problem. The consensus was that print size did not have to be increased, however printing and readability had to be improved. Those columns done with electric typewriters and carbon ribbons drew no complaints. The most criticism was directed at Musings, although both DDXD and LEXD caught one complaint each. Several members said that Musings was virtually unreadable and they felt that a new typewriter was a must if the column was to have any value to the members. Personal comment: We have never been happy with print readability and hope that editors will take greater pains to ensure their copy is readable, especially by using good ribbons and cleaning the keys regularly.

Question 5 was about adjustments we would make if inflation or a postal increase required a dues adjustment. Almost every member favored a dues increase, rather than reduction in number of issues, provided it was reasonable. \*\*\* Since NRC is all volunteer, we change publishing crews periodically. LPC has been at it since April 1, 1977. Somewhere down the line a new crew will take over and we expect NRC will be hardpressed to find a printer who works as cheaply as the present one. We now pay only 75% of what was charged in NJ three years ago. But paper costs have risen as much as 40% in the last year and a postal increase will certainly be required unless inflation is magically stopped. Postage and printing for this year was more than the \$15 membership charged, so a dues adjustment will no doubt be needed. If this is done, it will be the first adjustment since 1975.

Question 6 was the computer question. Most people responding recognized that a computer would allow us to handle the huge amount of data we collect, principally the Domestic Log, with far less effort and in a shorter time. The practicality of an annual edition was suggested. At the same time, others noted that volunteer labor was cheaper. Two main reservations to a computer system were raised. The first was simply how could NRC afford

the system and software, and later the maintenance of the system? The second was logistical. With NRC's workload divided among volunteers across the country, how could we effectively make use of such a system for other than a special project such as the Log, short of centralizing the operations of NRC once more? \*\*\* Several people suggested buying time as an alternative. \*\*\* Among the uses for a computer: (1) Maintaining the mailing list, (2) Maintaining the Domestic Log (3) Updating the Log (4) Addition of new logs using information taken from computerized columns (theoretically); such as a new version of the Latin American Log or a combined TA/TP Log. (5) Computerization of the CPC program, involving a systematic, large scale approach to test arranging. (6) Storing data for certain columns of repetitive nature. (7) Bookkeeping of receipts and expenditures, publications inventories, income tax preparation, etc. To these many new uses would no doubt be added. Personal comment: We as a club were reluctant to change to offset printing in the early '60s. There is, naturally, hesitance to take such a big step (and costly if we were to go the new equipment route). If, I repeat if, we were able to get past the obstacle of paying for the equipment initially, we would make more money than required for cost of annual operation. For example, our publications would be more sellable, useful and possibly more marketable through commercial outlets to a greater extent than at present. The bottom line is money. Several suggestions were made to get the needed money, but all deserve detailed study. Should we ever get to the point of being able to buy, we will, of course, call on every member and outside source for help, to get the best equipment and price.

Question 7 inquired about getting more technical articles. One member replied: "Good question--ask for more to be written?" This was a very sound response and I feel we at HQ are guilty of ignoring the simple approach. "Request specific people to provide specific articles, based upon their expertise. Find someone 'fresh and clean' (one who's made no enemies) and is willing to do club work, who will make contact with those members who have demonstrated a capability for technical articles." \*\*\* The point was raised that technical articles should not be written only for others of equal technical background. "Although the techoids in the club would probably disagree strongly, I have to think that interest among the total membership in deeply involved tech is pretty small. On the other hand, practical application tech probably has a wider appeal (simple construction projects, receiver hot-rodding ideas, antenna construction and BASIC propagation). The tech with the foot-long math formulae and intricate schematics would probably be better offered through monographs and reprints...At times, there might be articles from outside publications that could be reprinted or condensed..."

Question 8 was about how NRC stacked up against other clubs. Almost every member expressed an opinion similar to the one which follows: "Are you kidding? Just compare DXN with any other MW club, we're obviously the leader. Not to say that other clubs don't have good points, but NRC offers the best overall."

Question 9 asked how to gain new members, how to make NRC better known. Some few members questioned need for growth. "I am not sure whether bigger is better. Our club was very successful, and the bulletins contained greater musing participation in the late '50s and early '60s when our membership was slightly less than 300!" \*\*\* There were a lot of little things suggested to attract members. These included use of NRC stationary, the "Broadcaster's Guide to DX" with all reports, going after former members, working with equipment manufacturers to give publicity to the hobby. \*\*\* A good number felt we should advertize. Suggested magazines included Broadcasting, Broadcast Engineering, Popular Electronics, Radio Electronics, Ham Trader Yellow Sheets, QST and the like. \*\*\* We were also urged to get exposure over international SW stations on a regular basis. \*\*\* A suggestion was made to "adopt" a clear channel station, buying a DX News subscription and making periodic visits to the station to transcribe potential member's names and addresses. \*\*\* Another member thought we could write and edit a "third opinion" on the clear channel situation that many radio and electronics magazines could print as a public service. Perhaps some clear channel stations would be interested in airing it, as a public service, to help fulfill their agreement with the FCC to serve the public interest. There were several suggestions relating to Public Service Announcements, writing a bigger and better book on the hobby, and my favorite--going on one of those TV "news magazines" as a weird group!!!!

Question 10 was about possible elimination of the new member fee. There was no clear answer to this one. Of 48 replies to this question, 16 said to keep the fee; 11 said to drop it completely; another 11 said to offer the new member kit thru regular publications channels and 10 had uncertain replies. A couple of members suggested revision of the NMK to make it less costly, but still keeping the basics. They reasoned if cost was reduced, we could eliminate the fee. A couple of other replies indicated that we would end the problem of collecting the extra dollar for the new member fee by merely listing new memberships as "First Year Membership \$16, renewals \$15". No real conclusion to this questions was ascertainable, however.

That's it. Thanks for bearing with the smaller type. My electric is in for a well deserved cleaning.

*Pat Heritage*