



# DX NEWS

*the magazine of the  
National Radio Club*

SINCE 1933

Volume 45, Number 11 Friday, Dec. 30, 1977.

## PC TESTS

- Monday, Jan. 2 KOMO-1000 Seattle. 0300-0800 with 50Kw directional. Open Carriers, some 400 cycle tones, IDs on the hour. Veries to Bill Pickering, KOMO, 100 4th Avenue N, Seattle 98109. Arr: John Krcmka. This is billed as tentative.
- Monday, Jan. 9 WBRM-1250 Marion, N.C. 0200-0230 with 1000 w. non-directional. No program information. Veries to: John R. Tudor, CE, WBRM, P.O. Box 219, Marion, N.C. 28752. Arr: Neil Zank.
- Monday, Jan. 9 KFDI-1070 Wichita, Kansas. 0100-0200 with 10Kw non-directional antenna. Will use open carrier with tone every 15 minutes, followed by a station ID. There will be no music! Veries to: Clifford W. Koch, Corp. Eng., KFDI, Box 1402, Wichita, Kansas 67201. Arranged: Ron Musco
- Monday, Jan. 23 KVRA-1570 Vermillion, S.D. 0200-0230 with 500 watts. Test will be a simulcast of KVRP-FM, which will include rock music with test IDs. Veries to: Doyle Ritter, Manager, Rt. 3, Box. 79, Vermillion, S.D. 57069. Arr: Neil Zank.
- Monday, Jan. 30 WKEM-1490 Immokalee, Fla. 0430-0500 with 1000 watts. Test will include tones, voice, code and singing IDs and band music. Announcer will be NRCer Steve Kennedy. Prepaid calls will be accepted (number next issue). Veries to:WKEM, Box 520, Immokalee, Fla. 33934. Arr: Kennedy.
- Sunday mornings... (almost every)... WCNW-1560 Fairfield, Ohio. Tests with both directional and non-directional antenna between 0200-0330. Prepaid calls accepted at (513) 874-5000. Veries by letter with return postage only to Dan Sites, CE, WCNW, Love Park, 8686 Michael Lane, Fairfield, Ohio 45014. Arr: Russ Edmunds.
- WORX-1270 Madison, Ind. test appeared on time thanks to engineer Shelby Wilkinson and CE Dave Burns. Shelby reports he got calls from Houston, Miss., New York and North Carolina and encourages those who heard the test to report. Also, WJOB test was heard in Louisville by Pat, Wayne and Gary, so we know they showed--thanks John Zondlo!

## LOOK INSIDE

AM Switch.....	3
Domestic DX Digest (two of the 3 columns).....	6
International DX Digest.....	10
Terminator Transit Mechanics By R.F. Schatz.....	14
Muphy's Law or why doesn't DXing work right?.....	16
Frequency Check List.....	17
Get Togethers...attend at least one!.....	22
Review of Panasonic RF 2200.....	23
Domestic DX Digest (this is the delayed one, folks!).....	25
Graveyard DX Achievements.....	27
International DX Achievements.....	28
Nostalgia Special.....	29
Musings.....	51

HAPPY NEW  
YEAR TO  
ALL!!!!

# STATIC FROM HQ

OK out there folks, YOU are holding in your hand a bit of NRC history--namely, the largest issue of DX News ever published at 64 pages. In addition, this is a bonus issue--NRC, effective with this issue is going to a 31 issue volume year, which means you get 31, rather than 30 issues of DX News for your \$15. This issue is also special for your holiday reading in a few other ways--it contains a special nostalgia section and three, count 'em, three, Domestic DX Digest columns (we did cheat a bit and combine two of them, but there were three, to make sure Eric got all the people he missed in the past included.) This issue also contains some do-it-yourself fun, because we sent it to the printer during the holidays so there are some pages in the issue that were not numbered because of the deadlines and some shifting that was done due to the size of the issue.

Also, if you have not yet done so, please vote for the convention location of your choice (without consultation!) by Jan. 15. So far about 80 people have voted, which is just over 10 per cent of the membership--what about the rest of you folks out there??

Also in this special record issue, there are 53 musers according to our old editor Ernie Cooper. We thank those who have musings in and hope more of you will take some holiday time off and send them in for the next few issues!

In the gossip column....NRCers Gerald Koske and Frank Merrill were in Louisville in the last couple weeks....thanks to those who sent holiday cards to HQ--they were appreciated....congrats to Bruce Winkelman on his recent ham liscense and to blow one's own a bit, ye editor passed his 3rd class with broadcast endorsement and is set to go into radio (but is radio ready?)

A special thanks to Pat Hartlage for putting the nostalgia issue together it's really great!!!!

*Ted*

## THEY JOINED

We extend a hearty NRC welcome to these new members...Muse soon and let us meet you!

- Bruce Tindall, P.O. Box 404, Chapel Hill, North Carolina 27514
- O. R. Herman, R. D. 1, Box 317K, Williamsport, Pennsylvania 17701
- Robert Fabris, 3636 Morrie Drive, San Jose, California 95127
- F. W. Atkinson, 1506 Grant, Calsbad, New Mexico 88220
- Mrs. Roancy A. Horne, 37 Central Avenue, Milton, Massachusetts 02187
- Larry Wild, 644 East Pike, Indiana, Pennsylvania 15701
- Edward Grant, 31 Leonard Street 4D, Brooklyn, New York 11206
- Robert Wien, 945 Desert Isle Drive, San Jose, California 95117
- Andrew J. DiPinto, 345 Whitehall Drive, Apt. C, Rochester, N.Y. 14616
- Martin M. Wishnewitz, 35-34 84th Street, Apt. D10, Jackson Heights, New York 11372
- Eric Rossiter, 644 Mississauga Street West, Orillia, Ontario L3V 3C6
- Michael D. Deitz, 8210-B, Corpus Christi, Texas 78412
- Charles J. Martin, 316 East Walnut Street, Long Beach, New York 11561
- Joe Alaica, 493 Center Grange Road, Monaca, Pennsylvania 15061

Tuesday, December 20, 1977 10E Washington

## Radio Interference Tests Hit

By Dennis John Lewis  
Special to The Washington Star

potential for interference, and that a reduction in channel spacing to provide the needed additional frequencies that would be required would impose severe technical and financial hardships upon American broadcasters. Because of the expected costs involved in purchasing of new equipment and to facilitate the conversion of existing equipment, it is believed that would prove too costly for marginal stations to undertake.

**RADIO DIALING:** Could 1978 be the year for AM stereo? Much applauded by various AM radio broadcasters and persons attending the audio show demonstrations here earlier this year, the idea steadily advances. Yesterday the results of recent tests by the National AM Stereophonic Radio Committee were submitted to the FCC.

Contributed By  
Walter W. Crabill Jr.

# AM SWITCH

BRUCE WINKELMAN  
3324 KETTERING PLACE  
GREENSBORO, N.C. 27410

Happy holidays to all NRC members. I hope the season brings all of you good DX. This my sixth AM SWITCH and would like to thank all of you out there that have supported this column. More contributors are always welcome so keep those cards and letters coming. On to AM SWITCH #6.....

### CORRECTIONS:

- 1140 KLUC-NV CP: U2 10000/2500
- ~~1440~~ VI Frederiksted application
- ~~1450~~ CA Solvang application

### NEW STATION APPLICATIONS:

- 790 AR Rogers DI 500/
- 1010 CA Palm Springs U1 1000/250
- 1140 WY Greybull DI 5000/
- 1400 CA Indio U1 1000/250
- 1450 AL Dadeville U1 250/250
- 1560 VA South Boston DI 2500/

### CALL LETTER APPLICATIONS:

- |                        |                         |                         |
|------------------------|-------------------------|-------------------------|
| 860 WSTB-NC seeks WQXZ | 1310 WNIC-MI seeks WVKR | 1510 KSOM-CA seeks KNSE |
| 1190 WPUP-MS " WRGB    | 1340 WRIT-WI " WBCS     | 1510 KNAM-TX " KMND     |
| 1240 WRNC-NC " WPJL    | 1480 WBLU-VA " WUEZ     | 1530 TX Hemphill CP     |
| 1250 KALO-AR " KLAZ    | 1490 VA Farmville CP    | seeks KAWS              |
| 1280 KNIT-TX " KEAN    | seeks WPAK              | 1560 WVAK-IN seeks WUME |
|                        |                         | 1600 WHBT-TN " WJTA     |

### CALL LETTER CHANGES:

- |                      |                               |                          |
|----------------------|-------------------------------|--------------------------|
| 780 WABS-VA ex WAVA  | 1380 WRAQ-NC ex WKKE          | 1530 KXXV-CO ex KRYT     |
| 1090 WMFL-FL ex WTBJ | 1410 WMYQ-MS ex WEKN          | 1540 WMLM-MI St Louis CP |
| 1140 KATT-OK ex KLPR | 1430 WQVQ-IL ex WVVX          | 1540 WKIE-VA ex WRGM     |
| 1230 KPFA-NM ex KALG | 1430 WJRB-TN ex WENO          | 1550 KBJ-TX ex KCAN      |
| 1230 KHSN-OR ex KOOS | 1440 WRBA-IL ex WAKC          | 1570 WPEZ-WI Minocqua CP |
| 1240 KXYL-TX ex KEAN | 1440 WFTQ-MA ex WNCR          | 1590 WYIG-MS ex WWUN     |
| 1270 WKSJ-AL ex WXLK | 1450 KPLT-AZ ex KOPO          | 1590 WENH-PA ex WAEN     |
| 1280 KFRN-TX ex KFOX | 1470 WRBD-GA Warner-Robins CP |                          |
| 1300 KMOD-FL ex WRKT | 1480 KQLA-WA Lakewood CP      |                          |

### CONSTRUCTION PERMIT APPLICATIONS:

- |                               |   |
|-------------------------------|---|
| 960 KFSO-CA CP: U2 5000/5000  | 1300 KHAC-AZ CP: U3 10000/CH:2500 on 1110 |
| 710 WEP-MS CP: D1 2500/       | 1370 WTKY-KY CP: D1 2500/                 |
| *630 KHOW-CO CP: U4 5000/5000 | 1430 WYMC-KY CP: U2 1000/1000             |
| 710 WQBX-VA CP: D3 10000/     | 1510 KSTV-TX CP: D1 500/                  |
| 800 KVAL-MN CP: D3 2500/      | 1310 WVAP-SC CP: D1 500/CH:1000           |
| 940 WESA-PA CP: D3 1000/      | 1520 KKEE-MN CP: D1 10000/CH:10000 w/DA   |
| 1080 WKGX-NC CP: U1 5000/250  | 1560 KAJN-LA CP: D1 1000/                 |
| 1090 WKSP-SC CP: D1 1000/     | 1570 WJES-SC CP: D1 1000/ on 1190         |
| 1090 WISS-WI CP: D3 500/      | 1570 WGSR-GA CP: D1 1000/                 |
| 1150 KIIS-CA CP: U2 5000/5000 | 1570 KUXL-MN CP: D1 2500/                 |
| 1190 KRDS-AZ CP: U4 5000/250  | 1580 KZIA-NM CP: D1 10000/                |
| 1230 KGH-S-MN CP: U1 500/250  | 1600 WPDC-PA CP: D1 250/                  |

### CONSTRUCTION PERMITS GRANTED:

- |                              |                                      |
|------------------------------|--------------------------------------|
| 910 WAVL-PA CP: D3 5000/     | 1410 WTIM-IL CP: U4 1000/1000        |
| 960 KALE-WA CP: U2 5000/1000 | 1440 WBLA-NC CP: D1 5000/            |
| 1150 WTAW-TX CP: U2 1000/500 | 1480 WAAN-TN CP: U1 1000/250 on 1400 |
| 1170 KFNW-ND CP: D3 10000/   | 1540 WDON-MD CP: D1 5000/            |

AM SWITCH #6

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS:

810 AL Jacksonville U4 5000/500	1540 TN Ashland City D3 250/
960 TN LaFollette D3 1000/	1560 NC Dobson D1 2500/CH: 500
1140 TX Conroe D3 2500	1590 GA Swainsboro D1 2500/
1220 TN Lewisburg D3 250/	

OWNERSHIP CHANGES:

950 WKTS-MI	1280 WIPC-FL	1400 WTRR-FL	1510 WYRU-NC
960 WAAK-NC	1290 WREY-IN	1410 WBKN-MS	1510 KNAM-TX
1190 WBMJ-PR	1290 WPVA-VA	1450 WMBH-MO	1540 WADK-RI
1230 KALG-NM	1320 KAVI-CO	1450 WTBO-MD	1560 WKOG-GA
1230 WGGG-FL	1340 KATY-CA	1450 WEJR-OH	1570 WHLP-TN
1250 KPAC-TX	1370 KWRT-MO	1460 WIXN-IL	1590 WGRY-MI

GENERAL CHANGES:

620 WTMJ-WI noted on past 0300 MM 11/21, NSP?? (PM)  
 780 WABS-VA ex-WAVA now all religion-Washington Area Bible Station (AM)  
 900 WJTB-GA Calhoun CP PSA: 353w, has monthly f/c but day not specified, format: T40/oldies (DD)  
 970 WWDJ-NJ now NSP (PM)  
 1230 WSKY-NC s/off now 0100 (RB)  
 1380 WRAQ-NC ex-WKKE format: MOR, s/off 0000 (RB)  
 1400 WMPM-MA simulcasts FM 0000-0600 "FM-99", is 24h SPU (PM)  
 1400 WARM-PA MM s/off 0057 (PM)  
 1400 WLLH-MA now AMing MMs (PM)  
 1440 WFTQ-MA ex-WNCR format: "T40/FM style", slogan is 14-Q, SCH: 24h (PM)  
 1480 KVAN-WA now U2 1000/5000 24h SPU, format: PRG (BHy)

NOW ON THE AIR: (all from BHy)

850 CPVB-BC ex-1240/1060 KBGN-ID ex-910/1240 CKGO-BC ex-1490/1290 CFRW-MB ex-1470

PRESUNRISE AUTHORIZATIONS GRANTED: (all powers are in watts)

790 KXQB-CA 330	1110 WEBS-GA 17	1550 KEDD-KA 500
900 WJTB-GA 353	1140 KCTE-MO 19	1550 WMLB-CT 2.3
930 KEWQ-CA 458	1140 KVLI-CA 500	1570 WCLE-TN 324
1050 WJXY-SC 500	1190 KMMB-MN 500	1570 WTOW-MD 400
1060 KBGN-ID 250	1320 KNCE-LA 500	1590 WARV-RI 500
1060 WALD-SC 82	1320 WAGY-NC 462	
1070 KWEL-TX 2.8	1370 WKKE-FL 386	

Members in the vicinity of those stations listed above with PSAs of less than 100 watts: Do the stations really go on the air with such itty-bitty powers???

OTHERNESS:

720 KDNV-NV The FCC has accepted a proposal to increase nitetime power to 50 kw over the objection of WGN-Chicago.  
 900 WOTW-NH The FCC has granted an extension of operation to 1/15/78, with all profits going to charitable organizations.  
 1480 WA Lakewood CP seeking KQLA, seems there are two Lakewoods in WA. This station will actually serve an area known as Lakewood Center. People in Lakewood will not be able to hear 1480 KQLA due to nearby 1470-KAPS. (BHy)

An FCC judge has denied a permit for two Los Angeles men to deliver programs to XEGM-Tijuana by "wireline" because XEGMs current operation at 10 kw caused substantial interference to U.S. stations.

A record number of broadcasting complaints were received by the FCC in fiscal year 1977---77,844. Some interesting numbers in that total:

Crime, Violence and Horror	1976: 3448
	1977: 5089
Obscenity, Indecency and Profanity	1976: 6143
	1977: 20146
Employment discrimination by broadcast licencees	1976: 184
	1977: 309

AM SWITCH #6

OTHERNESS: (CONT'D)

As of 12/1/77 AM STATIONS ON THE AIR: 4508  
 CPS OUTSTANDING : 91  
 APPLICATIONS FOR NEW STATIONS : 102  
 APPLICATIONS FOR CHANGES: 80

Well, that wraps up another AM SWITCH. Again thanks to all those who have contributed. The promised list of abbreviations used here will be along next month. Just a brief note on the abbreviations--all abbreviations used here are as listed in the NRC DOMESTIC LOG, in particular those for formats and antenna information. Other ones in use here in AM SWITCH are those standard ones used in other DXN columns. Finally, thank you to the unidentified individual in Puerto Rico who recently sent me a copy of the August 1, 1977 Spots Radio Rates and Data. Another final item: I finally got my Novice ticket the day before Thanksgiving. My call is WD4NBO (OK all you phonetic freaks, that ought to stimulate some thought). If you NRC hams hear a poor fist on the air, its probably little ol' me.

OUR REPORTERS:

RB Rick Briggs Asheville NC  
 JB John Bowker Princeton Jm, NJ  
 DD Don Davis Warner Robins GA  
 BHy Bill Hardy Aberdeen WA  
 AM Alan Merriman Fairfax VA  
 PM Paul Mount Teaneck NJ  
 RMT R. Micheal Tuggle Bel Air MD

The question has been raised by a couple of reporters about my sources other than the ones I receive from members. A NRC member has been kind enough to forward FCC data he has access to thru his profession to me and it provides a valuable cross-check on other data I receive.

Louisville, it's all yours!! 73 de WD4NBO  
 NEXT AM SWITCH DEADLINE IS 1/15/78....

*BHy*



# DOMESTIC DX DIGEST

ERIC HITTENHOUSE  
2545 HILLGASS ST., #7  
BERKELEY, CALIF. 94704

Hi All,

With finals over and winter break here, this will be the first DDxD typed before midnight in some time. I think that this column will be pretty long; it looks as though the mwa hasn't quite set in yet. Maybe ECR will even get a chance to DX, hi. Without much else to say, I'll take this chance to wish everyone a great holiday season. And now, it's Monty Python's Flying DX Circus...

## SUNSET to MIDNIGHT Eastern Zone

540 WDXN TN CLARKSVILLE, 11/27 fr/tr 1739-1742 w/nx, ad, jx, s/off.  
VGTG FL CYPRESS GARDENS, 11/26 gd 1715-1719 w/C&W, not rr. (PRM-NJ)  
600 WVAE WV FIGHWOOD, 11/28 atop 1710 w/"VAR Sports", wx, ads, s/off  
1714 w/anthem. (SEN-MA)  
680 WFKO AL BOJICH, 11/27 has replaced lcl WCBM last few days. (MT-MD)  
690 WAPE FL JACKSONVILLE, 11/18 solid rr w/lcl ads until pwr/pat chg  
1724-29. (MT-MD)  
730 WVOK AL BIRMINGHAM, 11/18 fr s/off w/Dixie 1745. (MT-MD)  
CHYR7 ON LEAMINGTON, 11/29 wx, IDs as "CHYK" 2205-2300. (MT-MD)  
WJMW AL ATHENS, 11/27 gd 1731-40, same live, TCs, ads, C&w. (SEW)  
WMFC KY VANCELE, 11/28 fr w/rigs, s/off 1730 o/WLIL s/cff. (SEW)  
WPFM KY MADISONVILLE, 11/27 in barely w/s/off 1745. (SEW-MA)  
850 WKIX NC RALEIGH, 11/27 v/gd 1713 rr, "WKIX Mxxx 85" ID. (PRM-NJ)  
920 CKNX ON WINGHAM, 11/25 wx/sx/lcl ad 1703. (MT-MD)  
940 WCPC ME HOUSTON, 11/18 gd w/rigs until pwr/pat chg 1755-1800. (PRM)  
1050 WPMJ OK TULSA, 11/25 1809 w/ad, Back to Bible promo, gspl, s/off  
1815 ments FM. (KJ-GA)  
WJXY SC CONWAY, 11/19 C&W 1712 o/WHN into s/off w/full ID. (HJH-PA)  
1090 WKTE NC KING, 11/25 full ID u/WBAL 1714. (HJH-PA)  
1110 CKJD ON SARINA, 11/11 atop WBT 1713 w/ad, ID into rr. (HJH-PA)  
\*\* 11/26 vy gd w/ID "The New 1110", nx 1655. (SEW-MA)  
1170 WCLN NC CLINTON, 11/11 exc w/ads mixed w/rr 1642+. (HJH-PA)  
1210 KGYN OK GUYMON, 11/25 solid in WCAU null 1827-32 pwr cut; at least  
7 farm-oriented ads plus "Wx for OK panhandle" hrd--gone  
after chg. (KJ-GA)  
1260 KGBX MD SPRINGFIELD, 11/25 1749 w/ads, wx, unn. (KJ-GA)  
WGVW ME GREENVILLE, w/lcl ads 1750 o/u KGBX, mess. (KJ-GA)  
1270 CJCB NJ SYDNEY, 11/26 fr/vgd 1626-32 w/C&W, sx 1630, wx 22 in  
Bear Spring, ad for Janis Meat Mkt, o/u WSPF. (PRM-NJ)  
1300 UNID ?? Midwest 11/26 w/spot for Olds Cutlass 1728, sx, nx 1730,  
ments Shelbyville Fire (prob KY/TN/IN/IL), poss NBC was nx  
1730, then noted w/either rr or EL past 1735. (PRM-NJ)(PRM)  
1320 WSCR PA SCRANTON, 11/26 way o/reg w/KAF w/ID, YL wx 1637 into rr.  
1330 WYGO KY CORBIN, 11/24 ID only 1728. (MT-MD)  
1340 WCVI PA CONNELLSVILLE, 11/29 out of md w/lcl ads, etc 1745-1800.  
1350 WHNE VA PORTSMOUTH, 11/19 contest: "Win a jar of money from Honey"  
(for you, ECR) (Thanks, Mike--ECR). (MT-MD)  
1370 WPAZ PA POTTSTOWN, 11/27 fr 1740 w/s/off o/WFEA. (PRM-NJ)  
1390 WKLP WV HYSER, 11/2 o/mess w/WKLP ID 1700 follo by SID. Maybe  
w/ID. (HJH-PA)  
1400 UNID ?? PQ, 11/25 exc FF, sounded at times like pidgin FF, who?  
1645-1730+. (MT-MD)  
WEST PA EASTON, 11/27 fr o/mess ments Lehigh Valley 1645, poss  
ments "R. 14". (PRM-NJ)  
1450 WTSA VT BRATTLEBORO, 11/21 atop 1720 w/AM/FM ID into rr. (HJH-PA)  
1470 WRBD FL POMPANO BCH, 11/24 1714 pr w/freq lcl ments, s/off 1730.  
1500 WGFT OH YOUNGSTOWN, 11/25 mixing w/WKER 1527 w/contest. Is (KJ)  
T-40, not Soul. (HJH-PA)  
1510 WLKR OH NOEWALK, 11/3 gd at s/off 1715. Moderate QRM. (HJH-PA)  
1550 WXVA WV CHARLESTOWN, 11/27 gd 1759 just after other s/off ments  
WDFM, FM-98.3 w/Bob Bennet at 6PM, s/off ISSB. (PRM-NJ)  
1570 WTQC AL SELMA, 11/15 exc w/soul, s/off 1745, AU cx. (HJH-PA)  
WTCX OH WARREN, 11/25 tent 1550 ment Trumbull Co. (HJH-PA)  
1580 WPUV VA PULASKI, 11/11 s/off 1717, fr sig, no SSB. (HJH-PA)  
WLIJ TN SHELBYVILLE, 11/11 s/off exc 1745. (HJH-PA)  
KLTR OK BLACKWELL, 11/27 pr w/Dallas FB, ID 1803. (SEW-MA)  
KWNT IA DAVENPORT, 11/28 pr w/C&W, s/off (?) (1745) (Hrd "KWNT in  
Davenport, IA...". (SEW-MA)  
1600 WUPP AL HUNTSVILLE, 11/25 w/WWFL 1740 w/SID, similar Soul frmts.

## MIDNIGHT to SUNRISE Eastern Zone

610 WIOD FL MAAMI, 11/11 ending tlk w/preacher into pgm promo 0200.  
Fr thru WIP. (HJH-PA)  
620 WIMJ WI MILWAUKEE, 11/28 v/gd (thought WHEN) 0235 w/"Fairy Tale"  
0238, Promo for "I like WI" well o/WHEN, gone 0301. (PRM)  
800 WSVS VA CREWE, 11/15 s/on into C&W (418.5 watt PDA per QSL) 0604/  
850 WFUF FL GAINSVILLE, 11/25 in mess 0203 w/nx atop 0205 w/  
"This is NBC Nc", w/UF jx into rr among WHDH/SS QFM. (PRM)  
WKIX NC RALEIGH, 11/25 atop 0200 w/WHDH in nx, ID, song, SS QFM.  
WJW OH CLEVELAND, 11/25 gd 0222-0239 w/EL, insts, info on OHIO  
Lottery, promo nx man 0730. Teletalk QFM. (PRM-NJ)  
CHEVL PQ VERDON, 11/25 atop 0203 w/FF tlk, ad, ID in FF into rr in  
EE o/WHDH/WHUE. (PRM-NJ)  
910 WHNV VE WHITE RIVER JCT., 11/23 Pop wk u/WRCQ/WSBA mess. Mostly tk,  
few IDs 0133-0203. (FD-CT)  
970 WCSH ME PORTLAND, 11/28 lcl NSP WWDJ off, this and KCCH, other  
noted. WCSH w/oldies 0252-0300, NBC nx to 0305, lcl nx, wx  
loud thru 0309 t/out. (PRM-NJ)  
1080 WCVG FL CORAL GABLES, 0300-0330 w/WTIC/WKLO/KRLD all off. Fighting  
a YV. BFL mx/ABC nx. Vy wk sig here. (FD-CT)  
1150 UNID ?? 11/25 w/2-3 rr songs 0117-0135, ABCI Nx 0125, sx 0131,  
"KG-104" ID (Presume FM simulcast). 0135, who? (PRM-NJ)  
1190 WKOX MA 11/27 FARMINGTON (Never could write these things while  
shaving--the mirror messes me up, hi--ECR) Make that:  
FRAMINGHAM, 11/27 gd 0628-0639 w/soft rr, ad, ID 0639 w/  
slight QM from rlg's stn. Ist time on RS. (PRM-NJ)  
1270 WFAS NY WHITE PLAINS, 11/28 MM on past 0130. PRM-NJ  
1280 WWCO CT WATERBURY, 11/28 fr/gd w/rr, IDs 0119, 0128, poss the TT  
0105-0130+. (PRM-NJ)  
WWVD NY SCHENECTADY, 11/28 gd w/rr 0110-0118 ID as "3WD". (PRM-NJ)  
1250 CHSM ME STEINBACH, 11/21 pr/fr u/WTAE OC, CHMO off, hrd w/CLmx  
0245-0325, vy grainy audio. IDs as "Familar Radio" and  
gives call "CFAM-950", "CHSM-1250", "CJR-1220". (HJH-PA)  
1290 WRRS NC JACKSONVILLE, 11/25 ET, IDs 0117, 0121, Diana Ross mx. (KJ)  
1330 WHBL WI SHEBOYGUN, 11/28 nice surprise 0107 w/WI wx, road cx,  
s/off w/Battle Hymn 0157. (KJ-GA)  
1370 WPRO TN LONGVIEW, 11/23 PSA/wx/rr, "Radio 1370" promo 0138-0143. (KJ)  
1400 WLTN NY LITTLETON, 11/16 w/Pop 003-0200 t/out. TT strong, IDs  
infrequent, weak u/WEEK (s/off 0100), WWIN/WING. (RM-CT)  
WLLH MA LAWRENCE, 11/28 Old friend (??) (??-ECR) noted w/others  
w/usual rr 0201-0220+. (PRM-NJ)  
1440 WHHF OH WARREN, 11/25 atop w/APnx 0000-0004 then s/off. (PRM-NJ)  
1490 WYKF VT On per call to CE, unheard here. CE mentioned that one of  
the owners was 20 mi outside of town and couldn't here  
(here, hear what's the diff? sorry--ECR) them. Runs 870  
watts daytime. (RM-CT)  
1540 WKIE VA RICHMOND, 11/23 ET sounding like CPC TEST, annrc gave  
phone #, asked for calls, etc. Jazz, Blues 0038-0101. (KJ)  
1550 WYOU FL TAMPA, 11/26 variable TT, ID 0132. (KJ-GA)  
1560 WTRQ ME WARSAW, 11/21 0238 ID as test during exp pd. (FD-CT)  
1570 CKLQ ME 11/15 in FS. Contests, ads, LQ jxs 0341-0430, CKLM/CFOR/  
CHLO all off. Decent sig, would like to see his DA-N  
pattern. (FD-CT)  
1580 WBBP BC TRAVELER'S REST, 11/24 0108 w/ET/OC, ID, rlg's, ID 0112.  
1600 KCFG IA CEDAR RAPIDS, 11/28 gd w/EP, ID 0242. (SEW-MA)  
WEUP AL HUNTSVILLE, 11/28 alone u/KCRG test, ID 0245. (SEW-MA)

That's ALL. Sorry about the typos; I ran our of correction ribbon, and couldn't get any on short notice.

### Reporters:

FD	FRANK DAILY	Preston, CT	HQ-180, Sanserloop
HJH	HAFRY HAYES	Gouldsboror PA	T-0, SM-2
KJ	KAFI JETER	Atlanta, GA	Rx
PEM	PAUL MOUNT	Waterneck, NJ	TRF, SM=2
FM	FON MUSCO	Poquonock, CT	Fx
MT	Mike Tuggle	Bel Air, MD	XXtal set, lw
SEW	SHAJON WATERMAN	Southwick, MA	HA600, 1300' lw
ECF	The Fabid One	Bump-On-A-Log, NV	Fhubarb-160

No slight meant, Mike. Consider the lower case lettering to be a mark of distinction, hi. Thanks to the Eastern part of the country for the great support this week. Where are you West and Central?? Sorry that some of this stuff is a little old. I live in a student residence house, and our internal mail system is a little screwy. A couple of reports were lost, and I just got them yesterday. Once again, happy holidays! Remember to fill out your convention ballot, and remember SF in '78. 73 de ECF.



Happy Holidays! This column will contain an odd mixture of tips. Upon arriving home for Winter vacation, I found several letters sent to my Menlo Park address this Fall. While some of the tips are pretty dated, I've got plenty of time, so will type them here for historical purposes, if nothing else. There are lots of tips among the old stuff which will be useful now as much as a month ago. Please remember that stuff should be sent to BERKELEY except from about June 1 to October 1 (changeover dates announced in advance). I cannot guarantee that I'll get anything sent to the wrong place any more often than once every three months. This is what happened with the tips printed this week.

SUNSET to MIDNIGHT  
Eastern Zone

560 CFOS OH OWEN SOUND, fr 10/19 w/C&W o/u WIS 2030-2040. (JR-MI)  
 WIS SC COLUMBIA, 10/19 fr w/pops o/uCFOS 2030-2040. (JR-MI)  
 600 WVAR TN RICHWOOD, 11/30 s/off 1715 wk. (JK-NJ)  
 620 WFJJ WV KNOXVILLE, fr w/rr 10/19 2100-2110. (JR-MI)  
 680 KKYY TI SAN ANTONIO, 11/21 1822 atop w/C&W, ads. (KDF-IL)  
 730 WLOR GA THOMASVILLE, 11/29 s/off 1730 fr. (JK-NJ)  
 WPMC NC GOLDSBORO, 11/29 s/off 1715 mixing w/others wk. (JK-NJ)  
 WMTG KY VANCELEVE, 11/29 strong w/ID 1700 atop WPIK. (JK-NJ)  
 WJMM AL ATHENS, 10/21 wk w/FM IDs, s/off 1915. (FCW-MA)  
 WMTG KY VANCELEVE, 10/22 gd w/r/sgs, s/off 1900. (FCW-MA)  
 740 WMBL NC MOREHEAD CITY, 11/29 pr/fr w/wx 1710. (JK-NJ)  
 810 WSJC ME KAGEE, 11/30 mixing w/WGY w/lcl ann 1735. (JK-NJ)  
 KCMO MO KANSAS CITY, 10/16 o/u WGY w/contest ad 1932-35. (RCW-MA)  
 850 WYDE AL BIRMINGHAM, 10/22 rr/wx/ID 1914, gone after 1915 pwr switch  
 WKKO FL COCOA, 11/26 1730 atop w/T-40. (JK-NJ) (FCW)  
 WLBG SC LAURENS, 11/28 s/off 1730 gd. (JK-NJ)  
 WFMO NC FAIRMONT, 11/27 s/off 1715 exc. (JK-NJ)  
 900 WILM NC WILLIAMSTON, 11/30 s/off 1715 atop slop. (JK-NJ)  
 WLSI KY PIKEVILLE, 11/25 1708 w/other southern slop. (JK-NJ) \*\*  
 10/21 gd w/C&W, s/off 1900. (RCW-MA)  
 WJWL DE GEORGETOWN, 10/13 w/s/off 1834, ann, no SSB, in clear. (MT)  
 WKXA ME BRUNSWICK, 10/10 gd w/jx, lcl ad 1740 w/GKTS. (MT-RI)  
 930 WGNT WV HUNTINGTON, 11/25 1710 thot WBen, vy/gd w/WPAT. (JK-NJ)  
 940 WFNC NC PAYETTEVILLE, 9/28 w/ticket giveaway 1925 v/gd. (MT-RI)  
 950 WXGI VA RICHMOND, 9/29 C&W, s/off 1915, no SSB wk/fr. (MT-RI)  
 960 WLSI KY PIKESVILLE, 10/21 gd w/c&w, s/off 1900. (RCW-MA)  
 WHAK MI ROGERS CITY, sx, ID, inst mx 1832. (RCW-MA)  
 990 WNTY CT SOUTHRINGTON, 10/6 s/off 1815 no SSB o/WVSC fr. (MT-RI)(MT)  
 WEEB NC SOUTHERN PINES, 9/27 s/off 1930 wk follo WVSC off, no SSB.  
 WHOO FL ORLANDO, 12/1 1723 v/wk u/WZZD w/C&W. (JK-NJ)  
 1000 WKYB SC HEMINGWAY, 9/28 rr, s/off 1928, ann, no SSB, fr w/CKEW.(MT)  
 WSUM OH PARMA, 11/22 s/off 1715 gd u/WCFL. (JK-NJ)  
 WKBQ NC GARNEE, 11/22 s/off w/WSUM wk. (JK-NJ)  
 1010 WCNL NH NEWPORT, 10/6, wxxsx 1735 fr w/WINS in null. (MT-RI)  
 1050 CFYN OH SAULT STE MARIE, 11/22 1735 o/CHUM gd w/pops, "Sunshine  
 Radio" promos. (KDF-IL)  
 1080 KRJD TX DALLAS, 9/16 ann, IDs 2243 u/WTIC tlkshow, wk. (MT-RI)  
 1110 CKJD OH SARNIA, 11/1 u/WBT 2100. rr. (JR-MI)  
 1130 WNGA GA MOULTRIE, 12/3 1705, lcl nx fr, WNEW off. {JKONJ}  
 WCBX NC EDEN, 12/3 ID in slop 1710. (JK-NJ)  
 1190 WUPP ME BAY ST LOUIS, 12/3 1744 ments Slidell, LA, gd, fadey. (JK)  
 1190 WNRJ GA GAINESVILLE, 12/3 lcl ann, wx 1723 gd, WNEW back 1727. (JK)  
 1220 WCPH TN ETOWAH, 12/2 AU cx atop vy/gd 1713 w/lcl ad. (JK-NJ)  
 1260 WJOT SC LAKE CITY, 12/4 s/off 1730 gd w/WNDR. (JK-NJ)  
 1280 WGBF IN EVANSVILLE, 11/22 gd o/GJJD w/rr 1910. (JR-MI)  
 1300 WKCY VA HARRISONBERG, 10/18 s/off w/prayer 1845, no SSB, v/gd. (MT)  
 1310 WVIP KY MT KISCO, 10/16 w/WVIP+WVIP-FM", nx 1800, fr w/WICH. (MT)  
 1370 WGOH KY GRAYSON, 10/18 o/u WFEA w/auction, s/off 1900. (SEW-MA)  
 1390 KAMO AR ROGERS, 11/27 1814 fr w/WVON/CHOO w/wx/s/off. (KDF-IL)  
 1510 CKOT OH TILLSONBURG, 10/12 nx/wx, ments FM; s/off 1846. (RCW-MA)  
 1520 KMPL MO SIKESTON, 10/19 ID 1924 w/'KB, fadeout 1930. (RCW-MA)  
 1530 WTHM MI LAPEER, 10/11 nx/wx/ad 1832+. (RCW-MA)  
 1540 WJGA GA JACKSON, 12/4 s/off 1730 fr w/WPRF. (JK-NJ)  
 1550 WSAO ME SENATOBIA, 12/1 s/off 1745 fr w/WSRF/WCLS. (JK-NJ)  
 1570 WTQX AL SELMA, 11/28 s/off 1745 atop. AU cx. (JK-NJ)  
 WCRL AL ONEONTA, 11/28 s/off 1745 after WPKQ. (JK-NJ)  
 WCLE TN CLEVELAND, 11/24 s/off 1745 mixing w/southerners fr. (JK)  
 WSSA GA MORRON, 12/4 s/off 1730 w/CKLM. (JK-NJ)  
 1580 WSKT TN KNOXVILLE, 11/21 lcl wx/ads/nx 1703 gd. (JK-NJ)  
 WLIJ TN SHELBYVILLE, 11/22 s/off 1745 fr. (JK-NJ)  
 WESY MS LELAND, 11/24 s/off 1800 w/soul. (JK-NJ)  
 1550 KQWB ND FARGO, 10/23 gd o/CBE w/rr 1930-45 s/off. (JK-MI)

1580 KNIX AZ TEMPE, 10/18 fr w/C&W 2034. (FCW-MA)  
 WSPF FL FT LAUDE DALE, 10/10 TT/ID 0216 fr. (MT-RI)  
 WBBA IL PIPPSFIELD, 10/13 s/off 1930. (FCW-MA)  
 KNIM MO MAIYVILLE, 10/17 w/s/cff 1945. (RCW-MA)  
 1590 WJSO TN JONESBORO, 10/11 s/off 1900. (FCW-MA)  
 WAEN PA HONESDALE, 10/10 w/BSI vy/gd 0030, many IDs. (MT-RI)  
 1600 KCGS AF WAFSHALL, 11/27 1800 fr/gd w/s/off. (KDF-IL)  
 WTPF OH TIFFIN, 10/20 s/off 1900 w/WUNH/WNFL. (FCW-MA)

MIDNIGHT to SUNRISE  
Eastern Zone

540 WDAK GA COLUMBIA, 12/2 0600 gd, C&W. (CG-TX)  
 550 CFNB NE FREDERICTON, 11/24 0135 loud. (KR-CT)  
 560 WFIL PA PHILADELPHIA, 10/25 gd, rr 0030. (JR-MI)  
 WKCL NY CATSKILL, 10/25 gd w/test 0040 w/Moh. (JI-NY) (KDF-IL)  
 630 WPIO PI PROVIDENCE, 11/21 0433 w/P5A, jx, Moh. thru KHOW, fr, rare.  
 790 CKSO ON SUDBURY, 11/21 0313 fr/gd w/contest promo o/CHIC. (KDF-IL)  
 850 KCA CO DENVER, 10/4 0358 Openline pgm. (MLH-IN)  
 910 WNHV VT WHITE RIVER JCT, 11/23 IESF wk 0101-0211. (AFK-PQ)  
 920 CKCY ON SAULT STE MARIE, 11/28 0039 best ever for f/up. (KI-CT)  
 KDHL MN FARIBAULT, 10/25 fr w/C&W 0145-0155. (JR-MI)  
 WJAR PI PROVIDENCE, 11/23 0132 fr w/ann/ID/wx in mess. (KDF-IL)  
 930 CKNS CN ESPANOLA, 11/21 0108 v/gd w/CBC jazz/nx/net s/off. (KDF)  
 WWTY OK OKLAHOMA CITY, 10/25 fr w/rr 0210. (JR-MI)  
 960 WFIR VA ROANOKE, 10/25 gd w/soft rr 0220. (JR-MI)  
 970 WAVE KY LOUISVILLE, 10/25 fr 0230 w/lcl nx into soft rr. (JR-MI)  
 1060 WNOE LA NEW ORLEANS, 10/24 ID 0100, rr after KYW/XEEP s/off. (FCW)  
 1190 WAVS FL FORT LAUDE DALE, 11/26 0646 gd o/WOWO, s/on/wx, no SSB. (KDF)  
 1310 CFGM ON RICHMOND HILL, 10/4 0338, CYC ad. (MLH-IN)  
 1330 WHBL WI SHEBOYGAN, 11/21 0157 v/gd at s/off. (KDF-IL)  
 WASA MO HAVI DE GRACE, 11/17 s/off ending ET 0129. (AFK-PQ)  
 1390 WVON IL CHICAGO, off MMs 11/21, 28, poss new SP. (KDF-IL)  
 WCSC SC CHARLESTON, 11/21 0116 fr u/WFBL w/pops. (KDF-IL)  
 1420 WOC IA DAVENPORT, 10/4 0406, nx w/Brian Mulby. (MLH-IN)  
 WBSM MA NEW BEDFORD, 11/22 0207 w/talk pgm. (KI-CT)  
 CKPT CT PETERBOROUGH, 11/22 0215 u/WBSM w/rr. (KI-CT)  
 1430 WIFE IN INDIANAPOLIS, 9/13 gd o/CKFH w/ABe Nx 0145, C&W. (JR-MI)  
 1470 CHOW ON WELLAND, 11/16 0145 w/C&W. (KR-CT)  
 WLAM ME LEWISTON, 11/16 0145 battling CHOW w/rr. (KI-CT)  
 WSAN PA ALLENTOWN, 11/28 alone 0142 w/soul, no CHOW/WLAM. (KF-CT)  
 1490 WPOP ME POLILAND, 11/22 0100 w/C&W. (KI-CT)  
 WOPA IL OAK PARK, 11/22 0100 w/f40. (KI-CT)  
 WXII WV CHARLESTON, 11/22 0100, IL, back under w/POP/WOPA. (KI-CT)  
 WYKR VT TEST inaudible, but got w/EMJ/WPOP/WNUS/WMGW/WUSS/WJMO 11/17  
 WNDU IN SOUTH BEND, 11/24 wx/ID/AiNx 0200 in WOPA null. (KDF) (AFK)  
 1520 WCHE PA AEST CHESTER, 11/29 TEST barely logged, cw IDs 0048-0054.  
 1530 KFBK CA SACRAMENTO, 12/2 0156 u/WCKY, lcl ads. (CG-TX)  
 1550 WYOU FL TAMPA, 11/24 ET w/ann 0115, then gone. SS mx. (KR-CT)  
 1570 CFOR ON OZILLA, 10/6 0620, mx, ID. (MLH-IN)  
 1580 WESY MS LELAND, 10/6 0628 w/s/off. (MLH-IN)  
 WSKT MT KNOXVILLE, 10/10 0559 w/s/off. (MLH-IN)  
 1590 KDEX MO DEXTER, 10/6 I0615 ID. (MLH-IN)  
 1600 WEUP AL HUNTSVILLE, 11/28 0208 after unID s/off "24 hr Soul From  
 the City". (KR0CT)

REPORTERS

KDF	KARL FORTH	Villa Park, IL	HQ-160, SM-1
CG	CHARLES GEORGE	Dallas, TX	SSR-1, SM-2
MLH	MICHAEL HOGAN	Highland, IN	Rx
JK	JOHN KROMKA	Montville, NJ	DX-160, 300' LW
JF	JEFFY J OBEYFSON	Croswell, MI	Ix
AFI	ANDY FUGG	Montreal, PQ	TFf
KF	KONSTANTINE YCHALSKY	Bridgeport, CT	Most of the time...
MT	MICKEY THEFOUX (Welcome!)	West Warwick, RI	DX-160, SM-2
SEW	SHAFON WAJEFMAN	Southwick, MA	HA-600, various
ICW	RICHARD WAJEFMAN	Southwick, MA	HA-600, various
ECF	Alfonso Bedoya	Bum---- Jct, NM	Looped, Wired

# INTERNATIONAL DX DIGEST

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

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

- 155 USSR Khabarovsk 12/1 piano mx, probably Program 1, // 173 and 218, 1146-1200. (Vernon)
- 173 USSR Yakutsk? 12/1 1146+ // 155. (Vernon)
- 182 USSR Petrovavlosk 12/1 1149, OM anncr then piano mx, not // to 155 etc., thou gh did join 155 at 1200 w/pips and YL anncr w/nx. (Vernon)
- 218 USSR Khabarovsk? 12/1 surprisingly //155 at 1147. though soon faded and lost. (Vernon)
- 525 COSTA RICA TICAL Cartago 12/7 vy weak sig at 0520 w/Rumbos ID heard. QRM from beacons on 526 abd 530. (Hayes)
- 535 GRENADA MournRouge good w/R. Grenada song list read-off; R. Grenada ID then reggae mx 0038 12/4. (Connelly)
- 540 NICARAGUA YNOW Managua 12/3 w/light vocals at 0550 and "R. Corporacion" ID's. S/off w/anthem at 0600. Fair to good sig u/Mexican. (Hayes)
- 545 DOMINICA Roseau R. Jumbo in well w/reggae type mx 0125-0200 12/1 for new cty. Hrd many times since. (McIntire) Loud w/reggae mx 0030 12/4. (Connelly)
- 548 ALGERIA Oran fair, battling high local noise level possible AA talk here at 2342 11/30. (Connelly)
- 550 CUBA Pinar del Rio CMAN good 0625 12/4. (Connelly)
- 553 ST. KITS Basseterre fair to good w/BBC style nx 2311 12/3.
- 570 CUBA Santa Clara CMHI noted // 600 w/RR-SS language lessons by man and woman, o/other stns 0040 12/4. (Connelly, last 2) R. Rebelde hrd w/NA and apparent s/on 0958 12/5 o/pest WVM1 while looking for Rumbos, but also heard talk from him before NA. AN or what? (McIntire) Believe so, not sure-CH
- MEXICO the stn that Steve Ponder and I hear u/WFAA is definitely a Mexican, // 540 and 900. Not synchronized as often off by up to a minute. I think it is XETJ, Coahuila. (George)
- NEW ZEALAND 2YA Wellington 12/1 first time noted here, thru CBDD 560 OC and splash at 1119, OM w/pgm highlights, o/AFRS 570. (Vernon)
- VENEZUELA YVLX Villa de Cura 12/8 w/R. Rumbos ID's. Mx was mostly light vocals; much QRM from domestics. Strong at 0600 but weaker afterwards. (Hayes)
- 575 USSR Khabarovsk/Komsomolsk 12/1, great mx (band, generally MoR type) ro 1129, then Mayak IS, good sig. (Vernon)
- 580 CUBA Baracoa CMKF fair to good w/SS talk // 600 at 0625 12/4. (Connelly)
- PUERTO RICO WKAQ San Juan 12/8 absolutely blasting in w/no sign of domestics at 0600. "WKAQ Mas Musica" jx after each song. mx was uptempo. (Hayes) 12/4 atound 0940 w/SID's galore, even w/Jeppo on WIBW. (McIntire)
- 584 USSR Svobodnyy 12/1 FS IS at 1130, then CC pgm, not // 1250. KYAK covers 647 here, excellent sig. (Vernon)
- 600 CUBA San German CMKV good o/other LA's w/SS talk // 580 0625 12/4. (Connelly)
- 610 TRINIDAD AND TOBAGO Port of Spain a new one for me: dominant w/woman in accented EE, then brassy local ad 2313 12/3. Good w/editorial about improving transportation systems between Trinidad and Tobago. Man w/Caribbean accented EE 0003 12/4. (Connelly)
- 612 MOROCCO Sebba-Aioum good w/AA chants by woman 2336 11/28. Male AA moaning fair o/WIP slop, WOIR nulled 2346 11/30. (Connelly)
- 630 CUBA Santa Clara CMHQ loud w/march mx, SS talk // 640; no trace of local WPRO 0627 12/4. (Connelly)
- 640 CUBA Habana dominant w/mx and talk // 630 0627 12/4. (Connelly)
- 650 VENEZUELA Puerto la Cruz YVQO o/growl w/SS talk 2316 12/3. (Con)
- VENEZUELA Maracay YVLH bombing in, alone on channel, fast SS talk, 2 male voices, as w/telephone # "en Maracay" 2317 12/4. Mentions of Maracay loud 0032 12/4. (Connelly)
- 660 CUBA Santa Clara CMHG surfaced w/R. Progresso ID o/a second LA which I had been monitoring for an ID that never came. Both LA's were totally annihilating WNBC 0028 12/4. (Connelly)
- 670 VENEZUELA Caracas YVLL potent, equalling adjacent channel WRR0's (670, continued) strength, man in SS w/ads 0042 12/4. (Connelly)
- 683 SPAIN Sevilla fair w/SS nx 0500 12/1. (Connelly)
- 700 VENEZUELA Maracaibo YVMH good w/fast SS talk, ads w/Jingle Bells instrumental in background, telephone numbers in Maracaibo given 2320 12/3. (Connelly)
- 705 ST. VINCENT Kingstown poor w/Caribbean mx 2321 12/3. (Connelly)
- 719 PORTUGAL Norte fair w/PP folk group vocal 2348 11/30. Fair w/PP mx, talk 0510 12/1. (Connelly)
- 720 CUBA Colon CMGN loud w/chimes, march mx, LV de Cuba ID 0628 12/4. (Connelly)
- 730 VENEZUELA Portlamar YVOE blasting in w/ID, SS talk 0043 12/4. (Con)
- TRINIDAD Port of Spain good o/the pack w/Caribbean EE male anncr doing a lottery w/a numbers wheel, prize of \$28,000 announced, then ad for a miracle product from Bermuda 2324 12/3. (Connelly)
- DOMINICAN REPUBLIC Santo Domingo HIZ good w/SS ads, ID, LA mx 0001 12/4. (Connelly)
- 746 UPPER VOLTA Ougadougou fair w/man in FF 2235 11/28. Drum mx fair 2349 11/30. (Connelly)
- 750 VENEZUELA Caracas YVKS excellent w/Santana, then SS talk w/ R. Caracas ID 2326 12/3. (Connelly)
- 755 PORTUGAL Lisboa xlnr w/OM giving nx 2202 11/25. 719, 782 both excellent at time. (Eckman) good w/piano mx 2236 11/28. (Con)
- 760.5 COLOMBIA Barranquilla HJAJ good w/LA mx o/het, 0629 12/4. (Connelly) hetting 760 12/5 0955, 1033, no ID hrd but several mention- of Colombia. (Seaver)
- 764 SENEGAL Dakar loud, by far the best TA; man in AA 2352 11/30. To good peaks w/AA talk 2110 12/3. Good w/native African mx 0044 12/4. Good w/FF talk and steel drum band mx 2020 12/4. (Connelly)
- 773 SPAIN Caceres o/heavy SAH w/talk, some WABC slop 2238 11/28. The AA stn tentatively noted on 773 recently was u/Spain---Egypt, a possible new Moroccan, and the ship off of Libya are all possibilities. (Connelly)
- 780 BRITISH VIRGIN ISLANDS Roadtown ZBV1 good w/five ads w/spacy electronic noises 2214 12/3. (Connelly)
- 782 PORTUGAL Miramar fair w/man and woman in PP thru WBBM slop 2239 11/28. Fair w/PP talk 2353 11/30. (Connelly)
- 800 NETHERLANDS ANTILLES Bonaire PJB outrageously loud w/cl mx 2328 12/3. During this aurora PJB was the second loudest stn on the whole dial, only local WOCB 1240 was stronger. (Connelly)
- 818 ANDORRA La Vieja good w/bouncy FF vocal, o/rough SAH 0512 12/1. MOROCCO Rabat good w/chanting by woman 2240 11/28. Male AA chant- ing and violins good 2354 11/30. (Connelly, last 2)
- 820 AUSTRALIA 2GL Glen Innes 11/25 1143 tail end of Crossroads pgm, fair sig, usually vy weak. (Vernon)
- 834 BELIZE Belize City good w/EE ID, bank ad, soft Caribbean mx 0046 12/4. (Connelly)
- 836 CANARY ISLANDS Las Palmas fair w/man in SS at 2356 11/30; loop bearing about the same as that of Dakar 764. (Connelly)
- 840 PANAMA R. Libertad 12/5 1104 w/ID by YL. (Seaver)
- UNID SS here 0840-0910 w/WHAS off, segued mx (everything from Desi Arnaz type to disco) w/occasional anncs mentioning R. Liberation or something similar. Longer annc 0857 mentioned R. Libertad and (I think) Panama in passing w/Xmas mx in back. Despite slogan, format doesn't fit Cuba. Is this the Panamanian R. Libertad? (McIntire) Think you have the above-CH
- 845 ITALY Rome xlnr 2135 11/25 w/OM in II. About the best low end cx this season. (Eckman)
- 849 NORTH KOREA Wonsan noted here 12/5 1018 hetting TGX 850. (Seaver)
- 860 DOMINICAN REPUBLIC Santo Domingo HILR likely the strong sig here w/LA mx brassy style at 0631 12/4. (Connelly) Finally made it o/pest XEMO 12/4 0715-0725 w/mx, ads, ID 0723 for new country. (McIntire)
- 869 NORTH KOREA Wonsan noted here 12/5 1103 hetting WWL. (Seaver) oops, make 849 above Pyongyang, not Wonsan-CH
- 880 GUATEMALA R. Nuevo Mondo here 12/5 1019 w/ID, TC. This used to s/on 1100, now on around 1000 in clear until KRVN OC comes on before 1100. (Seaver)
- 890 COLOMBIA HJCE L&C MM 12/12 w/WLS and WCBS both off. "La Voz de Bogota" finally ID'ed after a few false starts such as Espresso (mentioned a lot) and "Radiodifusion Professional". NBC chimes w/ID. (Andres) The chimes are the Todelar network chimes, used on all Todelar stns-CH
- ALGERIA Algiers w/WLS nulled and WHNC off had strange jazz mx here 2206-2230 11/25. Low end cx were xlnr. No positive ID here as only talk was brief annc between mx by OM (definitely not SS) but unable to ID lang. Would like to believe this was Algiers but will try again when cx are good. (Eckman)

891 FIJI Lautoka on 12/5 exc at times 1038-1102 (but not across 1100 of course!) with Hindi type mx and talk. This is very difficult to separate from WLS since they are 180 degrees apart on the loop. Anyone know s/off time? (Seaver)

900 BARBADOS Bridgetown vy good and totally dominant, anncr in British accented EE followed by advertisement for Harrison's clothing store. After this a Harry Belafonte Xmas song 2335 12/3. (Connelly)

940 COLOMBIA Cali HJGB good w/Todelar de Colombia ID, then clear R. Eco ID 0632 12/4. (Connelly)

VENEZUELA R. Punto Fijo hrd 12/5 1010-1020 all tlk w/ID 1019 w/ local KIOA off o/domestic soul stn. New cty. (McIntire)

990 UNID LA MoR loud; male SS vocal and horns, talk w/mentions of "Madrugada", TC given as 0236 at 0636 12/4. (Connelly)

997 MEXICO XEER is the Mex drifter noted here 12/9 0330-0401 s/off w/good audio at times, but very mushy otherwise. Some "Radio Formula" ID's and OM talking very somberly, ending w/ "Feliz Navidad". At 0401, call, location, 990 kHz and off. (Seaver)

1000 COLOMBIA stn heard here almost every aurora, most recently 12/3 0100-0300. Only thing hrd resembling ID was "RSF" or "and "estas es la sinal nacional de RSF, le radio de Colombia". WRTH lists 2 HJ's here, neither fits exactly, who? (McIntire) Your ID sounds like the standard RCN ID, so this is no doubt LV de Cartagena-CH

1007 MEXICO XEOY R. Mil w/jingle and car horn 12/5 1111. (Seaver)

MEXICO Nueva Casas Granades, Chih. XETX (? call correct?) is the drifter off 1010. Heard initially 11/20 evening, on 12/5 0226-0318 w/ varied mx (jazz, SS vocals, US rock) pgm and several mentions of Nueva Casas Grandes but no call ID's heard. Good sig at times but the anncr sounded like he was 5 feet from the microphone. Gone after 0330. (Seaver)

1016 WEST GERMANY Mainz-Wolfsheim to good peaks w/piano Muzak 2245 11/28. (Connelly)

1020 TONGA A3Z (very tentative) 12/1 1018+ 2 YL and OM talking in unid lingo, caught only "45, Balmoral Street" in EE. (Vernon)

VENEZUELA La Ascuncion YVRS good w/SS talk, Margarita ID 2341 12/3. (Connelly)

1035 MEXICO unid 12/7 0324-0358 s/off. Very mushy audio. Call sounded like XECN, third letter could be B, C, D, G, K, P, D, T, or V. Fourth could be N or M. XECC 960 was here a year or so ago. For some reason these screwed up Mexicans are usually small stations in the interior of Chihuahua. (Seaver) The explanation for this is that the hairs of the Chihuahua dog being smaller than those of the ordinary dog are able to penetrate the crystal holder and shift the resonant frequency of the crystal. Theories based on stress fractures caused by Mexican jumping beans or possible surface coating by Tequila azeotropes are in error-CH

1040 UNID SS noted 11/22 0533 with WHO nulled, mention of Guatemala, then marimba mx. One kw TG listed. (Seaver)

CUBA Isla de la Juventud R. Caribe completely dominant SM 12/4 at 0658 w/s/off and NA. Remarkable sig if only 1 kw. (McIntire) Don't think this is 1 kw, sounds like 10 or 20 kw here in Atlanta-CH

COLOMBIA Bogota R. Super HJCJ hrd 12/4 w/"R. Super de Bogota" ID 0701 and "Super, Super, Super" shouted during record. (McIntire)

1059 CUBA Baracoa CMKG atop weak 1060 het; SS mx at 2344 12/3. (Con)

1090 MEXICO XEPRS 11/28 0815 saying they broadcast w/ 50 million milliwatts. Sounds like 50 MW the way they blast in around here. They also said they have 36 million listeners in CA, AZ, NV, NM, WY, UT, MT, OR, ID, WA, BC, AB, SK, MB, and CO. And, the San Francisco people think they have it bad w/KNBR and KCBS! chee-ee-ee-ee! (Lobel)

1100 ANTIGUA St. John's ZDK good w/steel band rendition of "O Holy Night" 2354 12/3. (Connelly)

MARSHALL ISLES WSZO Majuro 11/30 1002-1010, YL in unid lingo, followed at 1010+ by OM in same lang. Noted mx before w/KFAX but way under them. (Vernon) (tentative) OK Canadian cowboy, start putting them tentatives at the beginning-CH

COLOMBIA HJBL Barranquilla 12/3 w/R. Aeropuerto ID's at 0700. Fair sig w/little KSL QRM. (Hayes)

ANTIGUA St. John's R. Lighthouse loud w/EE dramatic presentation in US accents 2356 12/3. (Connelly)

1180 CUBA R. Reloj outlet fair w/man and woman in SS, TC's and tones every minute 0638 12/4. (Connelly) CMEM alone w/usual "Minute Man/Woman" show, ID at 0630 12/4 w/WHAM off. (McIntire)

1210 AUSTRALIA 2GF Grafton 11/25 horse race at 1124, r&r noted 1131+ but not readable till 1200, 4 equally spaced tones followed by "Eleven Oclock News", no ID. (Vernon) (tentative)

GUATEMALA R. Rumbos regular here after KGYN 0504 s/off. On 12/7 noted 0455 w/KGYN nulled and logged to 0533 w/many ID's. Second SS occasionally there but unreadable. (Seaver)

VENEZUELA (tentative) loud SS stn w/frequent mentions of Venezuela totally dominant, no trace of WCAU 0008 12/4. (Connelly)

1230 AUSTRALIA 2NC Newcastle 12/1 OM introducing traditional jazz record at 1105. (Vernon)

1265 ST. KITTS Basseterre good w/religious mx 0011 12/4. (Connelly)

1268 WEST GERMANY DLF Neumunster good, easily seperable from 1265 w/GG talk 2331 12/2. Usually only audible here under enhanced or very quiet geomag cx. (Eckman)

1290 UNID SS talk, possibly a ballgame, no ID's, rolling in atop aurora-enfeebled domestics 0045 12/4. (Connelly)

1310 JAPAN JOUF Osaka 11/25 1109+, EE type MoR mx, w/JJ YL anncr, talking a great deal between the mx. (Vernon)

1358 EAST GERMANY Berlin good w/OM in GG 0157 12/3. (Eckman) This stn moved to 935 several months ago-CH

1376 FRANCE Lille assumed w/YL 2252 12/2 apparently // 1554. Better than 1375. (Eckman)

1394 ALBANIA Lushnje fading in 2102 11/26 w/carrier. Good on many evenings thereafter especially around 2300-2300 s/off. (Eckman)

good/excellent w/Slavic talk by woman 2324 11/28. (Connelly)

1403 GUINEA Conakry fair w/AA talk 0017 12/4. (Connelly)

1457 ALBANIA Durres potent w/YL (in FF?) 2233 12/2. Stronger than 1394 at the time. (Eckman)

1466 MONACO Monte Carlo TWR good w/rel pgm in southwestern USA accented EL 2327 11/18. Fair/fadey w/talk; little else noted TA-wise on the high end 2337 11/30. (Connelly) still remains the most reliable TA this season. Xlnt 2230 12/2 seemingly in AA w/rel pgm. (Eckman)

1475 BENIN Cotonou assumed w/weird mx 2227 11/25. Alone on the freq. (Eckman) Don't forget the Haitian, most of the mx he plays can be considered weird-CH

1500 UNID heard nx pgm "Perspective" 2045-2103. EE, rundown of Mid-east News with actualities after every statement. At 2100, "you have been listening to Perspective, produced by the staff of United Nations Radio in New York". Then blurred talk, ID?, into BeeGees oldie. Looped SSE-NNW. Covered by WDEE ET. I hope this isn't KSTP. Sound familiar to anybody? Signal very weak but steady. (Andres) Welcome Bill. What times are you using? A WDEE ET at 5:00 PM Eastern time? If a foreign catch, it could possibly be R. Hoyer, Netherlands Antilles-CH

1525 USSR Khabarovsk 11/25 1158 piano mx, then Mayak IS 1159. Audio noted before but not ID'ed. (Vernon)

UNID's, at least 2 stns around 1525 at 2230 12/2 causing SAH's. No audio from either but similar cx have brought in Urumchi before. (Eckman)

1529 VATICAN very strong 2258 12/2 w/ID in II. Lite mx after 2300. Better than WCKY at the time. (Eckman)

1538 WEST GERMANY DLF Mainflingen good but fluttery sig 2230 12/2. Xlnt w/YL 0157 12/3. (Eckman)

1546 UNID fair carrier w/flutter around 2230 12/2. Reminds me of Vinnitsa but I haven't heard that in nearly 2 years. (Eckman)

1554 UNID definite carrier seperable from Cayman 0201 12/3. Has Nice been signing on early? Nice here at 0500 w/xlnt sig. (Eckman)

Hrd the same thing, assumed it was Nice-CH

FRANCE Nice assumed w/OM seemingly in FF 2232 12/2. Easily seperable from then weak Cayman Islands 1555. (Eckman)

1562 SWITZERLAND Sarnen xlnt w/mx, talk 2231-2300+ 12/2. No probs from WQXR 1560. Unusual at SSS. (Eckman)

1586 WEST GERMANY WDR Langenberg strong 2245 12/2 w/lite mx. Very strong 0156 12/3 but not // 1602. (Eckman) Langenberg loud w/GG female vocal, then boogie jazz instrumental followed by Muzak 0720-0730 12/3. (Connelly)

1602 WEST GERMANY BR Munchen xlnt 0156 12/3 w/light mx. Jumpy sig which usually occurs w/enhanced cx on the top end of the band. (Eckman)

That's it, reporters next week plus some Feature material. Report!!!!

Still More TXM Predictions

A theory by Ronald F. Schatz.

In the 10 October DX NEWS we introduced the science of "terminator transit mechanix" (TXM) and offered its services as a superior alternative to the sole use of local sunrise and sunset times as a means of determining station fade-ups and fade-outs. While the article was well received by many DX'ers, the set of TXM predictions on selected trans-Atlantic stations were at an inconvenient hour for most DX'ers to verify, even for the author, and the necessarily vague introduction to TXM inspired a number of queries to be posted. Ergo, we shall try again - with more predictions and a clearer explanation of what TXM is all about

TXM predictions are based solely on empirical data gathered by the use of the rustrak-88 strip-chart recorder. Specific events occurring during station fades were found to coincide with definite terminator positions relative to the propagation modal structure, and the process was simply reversed to effect the predictions. As mentioned previously, a complete, multi-part article on TXM is on its way, which will not only explain the science in detail but will also instruct DX'ers how to make their own predictions with little more than a world globe and a length of string, so this is not the place to say too much. But what can be said about TXM is this:

- 1) TXM is "controversial", in that the medium-wave propagation theory taught to DX'ers for years fails to explain it; e.g., the E layer is the propagation mode that fits into the calculations of TXM predictions; the F layer, the primary short-wave mode, seems now to have little or nothing to do with medium-wave frequencies. This is one reason why we are publishing TXM predictions prior to the main article; if they work, then much of the old theory may have to be discarded.
- 2) Local sunrise and sunset times are NOT used in calculating TXM predictions.
- 3) As it is the terminator eclipse of the propagation path that counts in TXM calculations, both transmitter and receiver locations are equally important factors, as well as the number of "E skips" in effect between the two points. This is where L-70 predictions failed in precision; they did not consider the propagation structure in this manner.
- 4) Terminator fades begin and end at definite, predictable times; we call them Es, Ps, Pr, and Er. We can define these here:

**Es** - the debut time at sundown (Do not confuse with the standard abbreviation for "rundown sporadic E"). Signals are normally not detectable before this time, nor for a brief period thereafter in the case of weak signals and/or high noise levels. On those rare occasions when stations ARE heard prior to Es, either groundwave is present or strong signals are able to break through the decayed D layer in autumn and winter months. In any event, Es marks the time when the signal will begin its steady 47-minute (average) climb to nighttime levels.

**Ps** - the post-sunset peak, better known as "SSS" conditions. The signal has, at this point, leveled off at a peak, and is about to drop again - to a level that averages some 70.7% of Ps. This is the period of enhanced DX conditions that makes listening just after sunset so popular, and now it is predictable!

**Pr** - the pre-sunrise peak, or "SRS" conditions. This is Ps in reverse. The signal level has increased by some 14% before diving to:

**Er** - the finale time after sunrise, which is simply Es in reverse.

The following sets of TXM predictions are good for the period 7-11 January. Belize (834 kHz) is the target of the first set, especially chosen because it is easy to hear in North America, speaks English, and operates on a clear channel (dismissing one weak Equatorial station seldom heard even in Miami). The second set features a large number of stations available for easy monitoring, including Jumbo-545, ZIZ-555, Dominica-595, CRL-1165, and Paradise-1265.

The sixteen North-American metropolitan areas were chosen as the largest not closer than five hundred kilometers of each other. The object is to interpolate as necessary for your own particular location; e.g., Boston on the Atlanta-New York line. Be not discouraged, as even

rough interpolation is not likely to produce an error serious enough to be noticed without a chart recorder. To satisfy everybody, some 700 individual groups of TXM calculations would have to be printed herein, but that is obviously impracticable, so please bear with us.

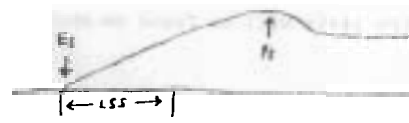
As hinted above, a chart recorder is not necessary for checking out these predictions; just remember that the E and P times are the actual start and/or stop times that the station will fade in or out. Check them out, then let us know how well they work, preferably via the "Musings" section or IDXD.

All times are LOCAL STANDARD TIME for the DX locations given on the LH margin. An inserted "B" indicates that the E control locus nearest the transmitter (as opposed to DX'er) is the one being eclipsed by the terminator at the given times. Here we go:

BELIZE CITY Jan. 7 - 11		LSS = 1730 CST	LSR = 0618 CST	
	Es	Ps	Pr	Er
Montréal	1811	B 1902	0611	0709
New York	1808	B 1907	0558	0704
Toronto	1808	B 1907	0615	B 0721
Miami	1808	B 1901	0630	0715
Atlanta	1821	B 1901	0638	B 0721
LOUISVILLE	1817	B 1907	0632	B 0727
Chicago	1722	B 1810	0530	B 0625
New Orleáns	1723	B 1825	0530	B 0631
Twin Cities	1725	B 1826	0519	B 0632
Kansas City	1730	B 1811	0538	B 0630
Dallas - Ft.W.	1730	1805	0530	B 0630
Denver	1641	1801	0437	B 0546
Phoenix	1708	1823	0447	B 0547
Los Angeles	1638	1738	0358	B 0443
San Francisco	1649	1752	0350	B 0448
Seattle	1614	1751	0345	B 0448

ST. KITTS - DOMINICA Jan. 7 - 11		LSS = 1745 AST	LSR = 0628 AST	
	Es	Ps	Pr	Er
Montréal	1632	B 1733	0449	B 0529
New York	1648	1752	0500	B 0552
Toronto	1700	1753	0501	B 0546
Miami	1730	1809	0507	B 0555
Atlanta	1724	1827	0502	B 0558
LOUISVILLE	1730	1824	0507	B 0548
Chicago	1627	1738	0407	B 0452
New Orleáns	1652	1756	0400	B 0500
Dallas - Ft.W.	1708	1811	0407	B 0455



# MUPHRY'S err...MURPHY'S LAW

By Jim Lovell

ABSTRACT-Consideration is given to the effects of the contribution of Edsel Murphy to the discipline of BCB DXing. This law is stated in both general and specific form. Examples are presented to corroborate the authors' thesis that the law is universally applicable.

## I. INTRODUCTION

It has long been the consideration of the author that the contribution of Edsel Murphy, specifically his general and specific laws delineating the behavior of objects, have not been fully appreciated. It is deemed that this is, in large part, due to the inherent simplicity of the law itself.

It is the intent of the author to show, by reference, that the law of Murphy has produced numerous corollaries. It is hoped that by noting these examples, the reader may obtain greater appreciation of Edsel Murphy, his law and its ramifications in BCB DXing.

As is well known to those versed in the state-of-the-art, Murphy's Law states that, "If anything can go wrong, it will." Or to state it in more exact mathematical form:

1+1 @ 2

Where @ is the mathematical symbol for hardly ever.

Some authorities have held that Murphy's Law was first expounded by Marchese Guglielmo Marconi when he stated, "If anything can go wrong with this #@&@\* wireless, it will."

To show the all-pervasive nature of Murphy's work, the author offers a small sample of the application of the law in BCB DXing.

## II. ANTENNAS

- Any wire out to length will be too short.
- Loops that cannot be assembled improperly will be.
- The necessity of a major design change in a beverage antenna project increases as the project nears completion.
- The more innocuous a design change appears, the further its influence will extend.
- Use in an antenna decreases the tinsel strength of any wire by at least 60%.  
Exposure to the electron field of the "Space Magnet" results in an increase in beer consumption (stated by Atkins and Cooper in the Coors Corollary; also by Wessolowski in the Pabst Promise).

## III. RECEIVERS AND RECEIVER REPAIR

- All operating manuals and schematics disappear whenever needed.
- The availability of a part is inversely proportional to the need for that part.
- All warranty clauses expire one day before receiver failure.
- A dropped tool will land where it can do the most damage (also known as the law of selective gravitation).
- Interchangeable parts won't.
- A transistor protected by a fast acting fuse will protect the fuse by blowing first.
- The most delicate part will be dropped.
- Probability of failure of a part is inversely proportional to the ease of repair.
- After a repair has been completed, extra parts will be found on the bench.

## IV. VERIES

- Typewriters will deposit more ink on humans than on paper.
- Rare verifications will be eaten by copying machines.
- An increase in postage rates is directly correlated to an increase in delivery time.
- Any error that can creep into a report will. It will be in the direction that can do the greatest damage.

Please turn to Page 63.

## THE 1978 FREQUENCY CHECK LIST

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

### FIRST MONDAY

0000-0015	*WVWI	1000	VI	T
0015-0030	*WCNC	1240	NC	T
0030-0045	WEED	1390	NC	T
	WGNX	1150	CT	T
0035-0050	*WNBY	1450	MI	T
0100-0115	KNBI	1530	KS	T
0130-0145	*KFSA	950	AR	T
0145-0200	WMBH	1150	MO	T
0200-0215	KFGQ	1260	IA	T
0200-0215	@KDXU	1450	UT	Ta
0205-0220	@KAWT	1450	AZ	T
0215-0230	@KGUZ	1490	AZ	T
	@KDXU	1150	UT	Tb
0230-0245	@KVISL	1450	AZ	T
0235-0250	KPTA	1340	AR	T
0245-0300	*KQHL	790	MT	T
	SEX TV	1400	AZ	T
0300-0315	@KQIK	1230	OH	TC
	@KNCI	1240	ID	TC
0315-0330	@KVAC	1490	WA	TC
	@KBFI	1450	ID	T
0330-0345	@KMTX	950	MT	T
0500-0515	KXOW	1420	AR	T
0545-0600	@WMTL	1580	KY	T
0615-0630	KIUN	1400	TX	T
0645-0700	KJCF	1400	MO	T

a - Standard Time period  
b - DST period

### FIRST TUESDAY

0000-0015	WHGR	1290	MI	T
0001-0020	*WARD	1540	PA	T
0030-0045	*WIOS	1480	MI	TC
0100-0115	*WVAM	1430	PA	T
0100-0130	KNDK	1080	ND	T
0130-0140	KDMO	1490	MO	T
0145-0155	KWRP	860	AR	T
0200-0215	*KBIX	1490	OK	T
0215-0230	@KINO	1230	AZ	T
0230-0245	@KAYO	1230	AZ	T
0545-0600	WVBN	1340	KY	T

b - 1st Tues. or Wed.

### FIRST WEDNESDAY

0005-0015	WICH	1310	CT	T
0100-0130	KNDK	1080	ND	Tb
0130-0145	*KANE	1240	IA	t
	*KTLU	1580	TX	T
0150-0200	*KNET	1340	TX	T
0215-0230	*WFLI	1070	TN	M
0230-0245	*WMFC	1360	AL	t
0300-0315	WCUG	850	GA	t

b - 1st Tuesday or Wednesday

### FIRST THURSDAY

0100-0115	*WCPC	1280	KY	T
0110-0120	*KROF	960	LA	T
0130-0145	*WPCP	1430	FL	t
0145-0200	*WARI	1450	AL	t
0200-0215	*WZYX	1440	TN	M
	*KBIX	1490	OK	T
0300-0330	WEBJ	1240	AL	t
0315-0330	WBP	1400	MS	T
0345-0400	@SBL	1520	IN	T
0400-0415	@WJT	1590	KY	T
0415-0430	@WCB	1540	KY	T
0445-0500	@TKY	1370	KY	T

### FIRST FRIDAY

0000-0015	*WHBG	1360	VA	T%
	*WBTX	1470	VA	T
0001-0005	WTHO	1530	GA	T
0015-0030	*WWBZ	1360	NJ	T%
0100-0115	*KPV5	960	MO	T
0130-0145	*WRTA	1240	PA	T%
	*WQCK	1600	GA	T
0200-0215	KSLV	1240	CO	T
0215-0230	*WPHG	980	VA	M
0330-0345	*WBNT	1310	TN	t
0445-0500	WGOK	900	AL	t
0545-0600	@WHIC	1520	KY	T
0615-0630	KXJK	950	AR	T
0630-0645	KDDD	800	TX	T

% - Friday after 1st Thursday

### FIRST SATURDAY

0000-0015	WSBS	860	MA	T
0000-0030	*WRUM	790	ME	TM
0015-0030	*WGHN	1370	MI	T
0100-0115	*WATC	900	MI	T



0115-0130	*KNLV	1060	NE	T
	KSNY	1150	TX	T
0145-0200	*KRNH	1160	NE	T
0200-0215	*KZUL	1380	AZ	T
	KPSO	1260	TX	T
0215-0225	*KYCA	1190	AZ	T
0215-0230	*KPGH	1310	AZ	T
	*KHTA	1310	AR	T
0245-0300	*KSID	1400	MO	T
0300-0315	*WIRV	1550	KY	T
0315-0330	*WBVK	1460	KY	T
0330-0345	*WSNV	1570	VA	T
	*WZZJ	1440	KY	T
0400-0415	*WBPQ	1470	KY	T
0415-0430	*WKXO	1500	KY	T
0430-0445	*WFRY	960	KY	T
0445-0500	*WDOC	1310	KY	T
	*WMOV	1360	WV	T
0530-0540	WDDY	1420	VA	T
0530-0545	WHIS	1440	WV	T

FIRST SUNDAY

0100-0115	*KCOI	1380	IA	T
0145-0200	KSOA	1430	MO	Ta
0200-0210	*KBCQ	1020	NM	T
0205-0220	*KSUN	1230	AZ	T
0215-0230	*WMAV	970	IL	T
0430-0445	*WXYW	950	KY	T
0445-0500	*WAIN	1270	KY	T
0500-0515	*WLBQ	1570	KY	T
0530-0535	*WKVE	800	KY	T
0640-0655	KHOZ	900	AR	T

a - 1st or 2nd Sunday

SECOND MONDAY

0000-0015	WELI	960	OT	T
0015-0100	WSGO	1440	NY	Te
0115-0130	*WCAZ	990	IL	T
0145-0200	WNYR	680	NY	Tb
0200-0215	*WIXY	1600	MA	Ta
	KELD	1400	AR	T
	KAWT	1150	AZ	T
0210-0220	KIAX	1150	NM	T
0230-0245	WTCB	990	AL	t
0230-0245	*KPGO	790	ND	T
0300-0315	*KLEK	1340	TX	T
0345-0400	KPRE	1340	MT	TQ2
0415-0430	*WTCO	1450	KY	T
0430-0445	*WJEB	1350	MI	T
0445-0455	*WANY	1390	KY	T
0445-0500	KKOA	1390	ND	T
0500-0505	*WPTO	1400	KY	T

0515-0530	*WVAK	1560	IN	T
	WTNK	1390	MS	T
0530-0545	KRGI	1430	NE	T
0545-0600	*KZNG	1340	AR	T
0615-0630	*WPRS	1440	IL	T

a - 1 min. check during this period

b - MM in same week as 15th

c - MM closest to 15th.

SECOND TUESDAY

0000-0015	WRAA	1330	VA	T
0001-0015	WLET	1420	GA	T
0030-0040	WCVA	1490	VA	T
0030-0045	*WHLN	1410	KY	T
0100-0115	WREL	1450	VA	TQ
0115-0130	KJSK	900	NE	T
0130-0145	WHMT	1190	TN	T
0145-0200	*KCHR	1350	MO	T
0215-0230	*WKEI	1450	IL	T
	*KVOL	1330	LA	T
	KPIA	1480	MO	T

\$ - Tuesday after 2nd Monday

SECOND WEDNESDAY

0100-0115	KGRQ	1230	TX	T
0115-0130	WGUH	1420	MS	t
	WEHH	1590	NY	T
0145-0200	*WHUB	1400	TN	T
0200-0215	*KTYN	1430	ND	T
	*WOLB	1460	MS	t
0215-0230	*WPLI	1070	TN	M
	*WATM	1590	AL	TN
0500-0515	WAMI	860	AL	t
0515-0520	*WBDW	1230	IN	T
0530-0545	*WNBZ	1340	KY	T
0545-0600	*WVCT	930	KY	T
0545-0555	KLYR	1360	AR	TQ2

SECOND THURSDAY

0000-0015	*WLDG	940	MI	T
0115-0130	WLOT	1300	WI	T
	KLIB	1470	KS	T
0120-0130	*WAAC	1300	IN	T
0130-0140	*KAMI	1580	NE	T
0130-0145	*KAYS	1400	KS	T
	KSCE	1470	KS	T
0200-0215	WTNK	1390	MS	T
0215-0230	WNAT	1450	MS	T
	KRBN	1450	MT	T
	KRAD	1590	MN	T
0220-0230	*WABF	1220	AL	t
0300-0315	*WBHB	1240	GA	t

SECOND FRIDAY

0000-0015	*WBSG	1360	VA	T
0005-0010	WSNG	610	CT	T
0015-0030	*WWEZ	1360	NJ	T
0045-0100	WNBS	1360	NY	T
0115-0130	KBIZ	1240	IA	T
0130-0135	WKRG	710	AL	t
0130-0145	*WRTA	1240	PA	T
0145-0150	KFJM	1370	ND	T
0150-0205	WLPB	1480	AL	T
0245-0300	*WBLO	1470	AL	t
0315-0330	WAFT	1490	AL	T

SECOND SATURDAY

0000-0030	*WXIV	1450	ME	T
0001-0015	WNTY	990	CT	T
0005-0015	WNAB	1450	CT	T
0105-0120	*KNLV	1060	NE	T
0115-0130	*KJEF	1290	IA	T
0145-0200	KCHA	1580	IA	T
0200-0215	KDGO	1240	CO	T
0215-0230	*KLMX	1450	NM	T
0230-0245	KPAG	1100	CO	T
0330-0345	KLIB	1470	KS	T
0400-0415	*WSPC	1240	KY	T
0415-0430	*WFDW	1360	KY	T
0430-0445	*WFSR	1470	KY	T
0445-0500	*WSIP	1490	KY	T
0530-0545	*WGRK	1550	KY	T
0545-0600	*WGOR	1330	KY	T
0630-0645	KGRN	1410	IA	T

SECOND SUNDAY

0110-0125	*KTIQ	1350	OK	T
0145-0200	KSOA	1430	MO	Ta
0215-0230	*KAHL	1410	NE	T
0530-0545	*WLCR	1250	KY	T

a - 1st or 2nd Sunday

THIRD MONDAY

0000-0010	*WRRH	1350	GA	T
0015-0100	WGOO	1440	NY	Te
0015-0030	*WBSQ	1340	GA	T
0030-0040	*WCCR	1060	NC	T
0040-0050	*WGOO	1450	GA	T
	WTCB	1240	VA	T
0050-0100	*WHSO	1450	SC	T
0100-0110	WBLV	1110	TN	M
0100-0115	*WLBH	1590	KY	T
	*KSKK	1340	KS	T
	WDAX	1410	GA	T

0105-0120	KXEO	1340	MO	T
0115-0130	WWNS	1240	GA	T
0130-0145	*KWKY	1150	IA	T
	*WAYX	1230	GA	t
0145-0200	WNYR	680	NY	Tb
0200-0215	WORV	1580	MS	M
	WMNZ	1050	GA	M
0205-0220	KSIL	1340	NM	T
0230-0240	KBMY	1240	MT	T
0230-0245	*WGSR	1570	GA	T
0330-0345	*WKIG	1580	GA	M
0345-0400	*KXXL	1450	MT	T
0515-0530	KXIR	1150	AR	T
0530-0545	KMUS	1380	OK	T
0630-0645	KTXJ	1350	TX	T
	*WOKZ	1570	IL	T

b - MM in same week as 15th  
c - MM closest to 15th.

THIRD TUESDAY

0000-0010	WPED	810	VA	T/
0015-0030	*WAHT	1510	PA	T/
	WMLT	1330	GA	M
0050-0105	WGTN	1400	SC	T
0100-0115	*KOLY	1300	SD	T
0115-0130	*WVNA	1590	AL	T
0125-0140	*KERX	1350	NE	T
0145-0200	*WERO	1310	GA	T
0215-0230	WPEH	1420	GA	M

/ - Tuesday after 3rd Monday

THIRD WEDNESDAY

0000-0015	WTVL	1490	ME	T
0015-0030	WATN	1240	NY	T
0015-0025	WNBZ	1240	NY	T
0100-0115	KGRQ	1230	TX	T
	KNAL	1410	TX	T
0215-0230	WFLI	1070	TN	M
0230-0245	*KKIT	1340	NM	T
0300-0315	WPIX	1450	AL	t

THIRD THURSDAY

0030-0045	WNET	1520	GA	T
0100-0115	*WJEM	1400	TN	T
	*WPCP	940	MS	t
	*KNDY	1570	KS	T
0110-0120	*KVVH	940	NE	T
0115-0130	KVRC	1240	AR	T
0200-0215	*WHII	1570	MS	T
0215-0230	KERR	1230	CO	T
0220-0235	*KBRF	1250	MN	T

x - 1 min. check during this period.

0230-0245 \*WJCE 1080 FL t  
 \*WTEM 1400 TX T  
 0300-0315 WAOF 1320 AL tM  
 0400-0415 WBOC 1490 MS t

THIRD FRIDAY

0000-0015 \*WTVL 1490 ME T  
 \*WRDI 1580 NJ T  
 \*WDDL 1440 PA T/  
 0000-0020 \*WERA 1590 NJ TQ3  
 0045-0100 WENS 1360 NY Tx  
 0100-0115 \*WBEH 1260 GA t  
 0115-0130 \*WYHI 1570 FL t  
 \*KEYJ 1400 MD T  
 WKSJ 1270 AL t

0130-0145 WGSV 1270 AL t  
 0200-0215 \*WGAJ 1330 NM T  
 0215-0230 KRTN 1490 NM T  
 0230-0245 WLIQ 1360 AL t  
 / - Fri. or 3rd Friday after 3rd Thursday

THIRD SATURDAY

0000-0010 \*WCBS 1400 ME T  
 0100-0115 \*WXYL 1190 GA TQ  
 0135-0150 \*WDBI 1280 NE T  
 0200-0215 KSRK 1290 NM T  
 0215-0230 KALB 1230 NM T  
 0230-0245 KLMX 1450 NM TQ  
 0545-0600 \*WLOW 1300 SC T

THIRD SUNDAY

0115-0130 \*KPTW 1230 AR T  
 0130-0145 KHUB 1340 NE T  
 KODY 1240 NE T  
 0145-0200 WKLK 1230 MN T  
 0215-0230 KOAL 1230 UT T  
 0640-0650 KSYL 970 LA T/  
 / - Sunday after 3rd Sat.

FOURTH MONDAY

0000-0015 \*WCBS 1050 VA M  
 \*WCBG 1590 PA TL  
 0015-0030 \*WJDY 1470 MD TL  
 \*WCHD 1400 NJ T  
 0045-0100 \*WOCF 1590 VA M  
 0100-0115 KQJB 910 ND T  
 0105-0120 \*KROX 1260 MN T  
 0110-0120 \*KOZA 1230 TX T  
 0115-0130 KPDN 1340 TX T  
 0130-0145 \*WCVS 1450 IL T  
 0145-0200 \*WBCB 1490 PA T

0210-0230 KVOU 1400 TX TQ1  
 0230-0240 KAMA 1060 TX T  
 0230-0245 WMTS 1240 MS T  
 0240-0250 \*KEMT 1240 MT T  
 0330-0345 KTHM 1400 NM TQ3  
 0350-0400 KICK 1340 MO T  
 0400-0415 \*KLEO 1480 KS T  
 0525-0540 WANV 970 VA T  
 0530-0545 WBFD 1310 PA TL  
 0540-0555 WPED 810 VA T  
 a - Monday after 4th Sunday

FOURTH TUESDAY

0000-0010 WPED 810 VA T/  
 0000-0015 WVPO 840 PA T  
 0000-0030 WQTK 1310 NJ T  
 \*WGLB 1400 NY T  
 0010-0020 \*WKVT 1490 VT T  
 0030-0045 \*WCHE 1520 PA TL  
 0100-0115 \*WFTR 1450 VA T  
 0230-0245 KASL 1240 WY T  
 0315-0330 KSCB 1270 KS T  
 0500-0515 KBJT 1570 AR T  
 0645-0700 KCAD 1560 TX T  
 / - Tuesday after 3rd Monday

FOURTH WEDNESDAY

0005-0010 WASH 1420 NH TQ  
 0110-0125 \*KPEL 1420 LA T  
 0115-0130 \*KILE 1400 TX TQ3  
 \*WCGW 1290 WI T  
 0130-0145 KVRG 1240 AR T  
 WBFN 1500 MS T  
 0200-0210 \*KLTN 1560 MO T  
 WLSM 1270 MS t  
 0200-0215 KEMM 1510 MO T  
 0215-0230 \*WFLI 1070 TN M  
 0230-0245 KHAC 1300 AZ Tm

FOURTH THURSDAY

0000-0015 \*WIVN 1360 GA T  
 0010-0025 WWSB 1600 WV TM  
 0135-0150 WDWS 1400 IL TQ1  
 0245-0300 \*WHYY 1530 AL t  
 0400-0415 \*WMSG 1450 TN t  
 0430-0445 \*WRGS 1370 TN M  
 0640-0650 KYMO 1080 MO T

FOURTH FRIDAY

0000-0005 \*WICY 1490 NY T  
 0000-0015 \*WCDL 1440 PA T/  
 \*WIKI 1490 VT T

0115-0130 KEJD 1400 AR T  
 0130-0140 \*WKRG 710 AL t  
 0130-0145 KGVL 1400 TX T  
 0145-0200 \*KSIW 1450 OK T  
 0215-0245 WPRN 1240 AL M  
 0230-0245 KFCB 1380 SD T  
 0245-0300 \*WBOX 920 LA t  
 WEPA 710 MS t

/ - Friday after 3rd Thurs.

FOURTH SATURDAY

0130-0145 KBRS 1340 AR T  
 0140-0155 \*WABD 1370 KY T  
 0215-0230 \*KIML 1270 WY TL  
 0230-0245 \*KPLN 960 MT T  
 0345-0400 \*KWYS 920 MT TL  
 a - 3rd or 4th Saturday

FOURTH SUNDAY

0115-0130 KWON 1400 OK T  
 0200-0215 KSCJ 1360 IA T  
 WHBU 1240 IN T  
 0245-0300 KINN 1270 NM T  
 0640-0650 KSYL 970 LA T/  
 / - Sunday after 3rd Saturday

ACKNOWLEDGEMENTS

Special thanks go to the following members who contributed information on regular checks;

Scott Mentzer, Forest E. Osborn, Skip Dablestein, Ron Musco, Ernest J. Wesolowski, Rolland L. Lindblade, Bill and Nancy Hardy, Ernie Cooper, Russ Edmunds, Ron Schiller, Dave Schmidt, Don Davis, Wayne Heinen, Harry Hayes, Phil Boersma, Karl Jeter, and Jim Renfrew.

Several monitoring companies also supplied their list of checks.

If sufficient new information is received, an updater will appear about March 15th. Please send any additions, corrections, or deletions to -

Joseph Fela  
 150 Robert Place  
 So. Plainfield, N.J. 07080

KEY TO SYMBOLS:

- @ - Regular check per monitoring service.
- \* - Regular check per constant reception and/or station
- T - Station checks with Tone.
- t - Station checks with dial tone
- M - Station checks with Music
- O - Station checks with open carrier
- C - Station IDs in Morse Code
- Q - Quarterly check (every 3 mos.)
- Q1 - 1, 4, 7, 10 months only
- Q2 - 2, 5, 8, 11 months only
- Q3 - 3, 6, 9, 12 months only
- m - bi-monthly check, odd months (1, 3, 5, etc.)
- m - bi-monthly, even mos. (2, 4, etc.)
- L - check made during the last week of the month
- Other symbols defined in the list.

SCADS - Southern California Area DXers will meet on Saturday, February, 11, 1978, between 10 a.m. and 5 p.m. at the Valley View School Auditorium, 5361 Sisson Drive, Huntington Beach, Calif. Doors will open at 8 a.m.; the informal program will start at 10 a.m. with door prize drawings and discussions of DX topics by such well-known DXers as Jim & Karen Young, Grant Manning of RADIO WEST, H. John Clements and any others who may offer. Dave Browne of ANARC will serve as M. C. Donation of \$1 will help pay the expenses. There will be plenty of soft drinks and donuts and probably chicken and pizza for lunch. Advance registration is appreciated. If you have questions or would like to be added to the SCADS mailing list, please write: Donald E. Erickson, 6059 Essex Street, Riverside, Calif. 92054, or call (714) 687-5910 early evenings and weekends.

\*\*\*\*\*

TEANECK, NEW JERSEY GET-TOGETHER-JAN. 15, 1978

Host is Paul Mount of IRCA and NRC. Things start around 11 a.m. and last as long as you want. Bring receivers, veries and whatever else you thing would be of interest. A buffet type meal will be served around 2 p.m. Activities include general talk, meeting other DXers...a pool table and a card table (Hearts) will be available. Phone number is (201) 836-1137 and please let Paul know if you plan to attend.

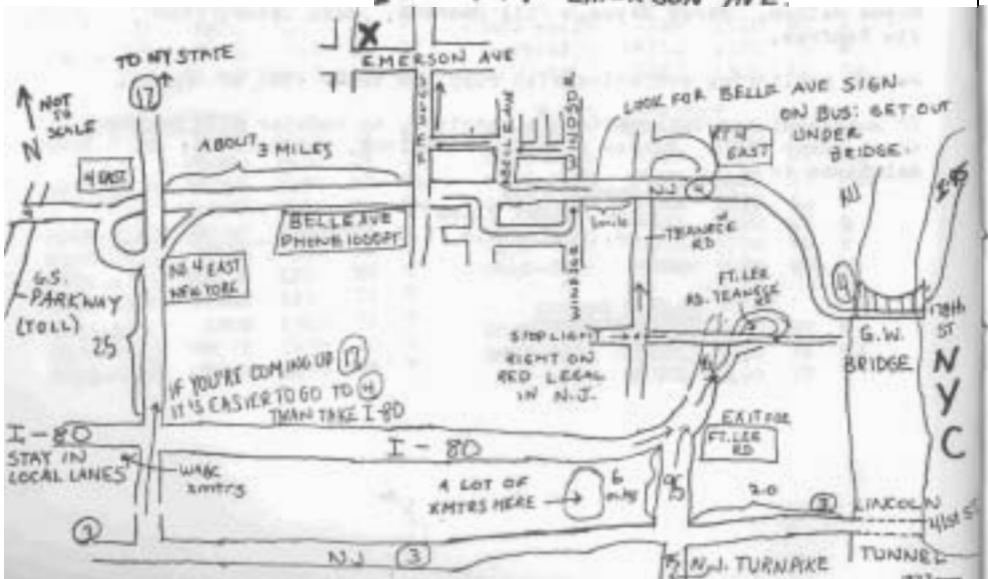
DIRECTIONS

By Bus from NYC take the 11, 21 or 22 bus from Platform 24 at George Washington Bridge, or #40 or 45 from Platform 33/4. -OR- Take the 11A bus from Platform 155 at 41st Street Terminal. IN ALL CASES ASK FOR GARRISON AVENUE TEANECK. When you get off bus, go up the stairs and continue North one block, then turn left. The house is across the street, white with black.

By CAR you will eventually be coming from either East or West on NJ 4.

- \*\*\*\*NORTH- I-87 to route 17, change over in Hillburn, NY. Take route 4 Eastbound to Belle Avenue, Teaneck. After turning off, make first left and go down 2 blocks to Windsor Road, turn left, go one block under highway, make another left. See "EAST".
- \*\*\*\*WEST- Take Garden State Parkway or NJ 17 to route 4 Eastbound. See above or if you take I-80, see "South".
- \*\*\*\*SOUTH- Take New Jersey Turnpike towards NYC, I-95. Look for Fort Lee Rd., Teaneck, Leonia, Fort Lee exit sign. Take this exit, you will parallel the highway for a while. Take 2nd right to this roadway, for Teaneck Rd., Teaneck. Go 2 lights to the top of the hill, turn right onto Teaneck Rd. Proceed about 2 miles, go under highway, then take Route 4 West. See "East".
- \*\*\*\*LOWER NYC- Lincoln Tunnel puts you on NJ 3. Get off for NJ Turnpike Northbound, follow "South" directions.
- \*\*\*\*EAST- Get to George Washington Bridge. Look for signs for route 4, a 4 in a circle. Go west about 4 miles, then look for signs for Belle Avenue, Garrison Avenue, Sussex Road. Make a right before underpass (by a PAL building), then a left at Billington Road. Go west 2 blocks, left at Emerson Avenue.

471 EMERSON AVE.



REVIEW OF THE PANASONIC RF-2200

Michael A. Sapp

The Panasonic RF-2200 is a multi-band portable radio covering AM, FM, and 6 shortwave bands, 3.5 - 28 MHz. It features double conversion, RF amplifier, BFO, separate bass and treble controls, adjustable selectivity, 2 crystal calibrators, and fairly good frequency readout. It is available for between \$115 - \$150, depending where it is bought. The one the author bought cost about \$125, including 4% local sales tax.

This review is non-technical, and the subjective opinion of the author. It also contains a comparison with two other well known portables. The basis of this comparison is mainly on the BCB, although other bands are noted.

Lately Panasonic and Sony have both brought out portable double conversion receivers, with accurate frequency readout. Being in the market for a receiver of this type, I was very interested in the comments on both of these receivers that have appeared in several DX club bulletins. It was these reviews that helped me make up my mind to get the Panasonic. The only reviews, at this writing, to appear in DXN concerned the Sony ICF-5900. I hope this review will be of some use to the BCB dxer.

Since owning the RF-2200, I have been pleased with its performance on the BCB. In the author's opinion, the receiver is aesthetically pleasing, with the controls well laid out. Below you will find a description of some of the features.

BFO. The BFO can be used for the reception of SSB and CW signals. It is very unstable when first turned on, and is very hard to keep SSB signals tuned in. According to the operating instructions, it stabilizes after about 5 minutes. It has been the authors experience that it takes longer than this.

S-Meter. The S-Meter is basically just a tuning indicator. It tends to pin on any half way decent signal, and is not calibrated in either S-units or decibels. One thing that takes some getting used to is that the meter deflects to the left when receiving a signal, rather than to the right as with most S-meters.

Tuning. Tuning is close to being linear. There is a very slight bunching at the top of the band, but it is very slight. The linearity is achieved by using a network of nylon reduction gears to drive the main tuning capacitor. Using the "SW Spread Dial" and crystal calibrators, you can read out to 10 kHz on the short wave bands, with interpolation to 5 kHz. The main BCB dial is calibrated every 20 kHz and using the SW spread dial you can interpolate to 5 kHz. The tuning can be calibrated from the front panel while using the 500 kHz calibrator. One switch disengages the SW spread dial at the same time it engages the 500 kHz calibrator. There is also a 125 kHz marker. The tuning dial has 2 speeds, as well as a spinner knob for fast tuning.

RF Gain. On the BCB slightly stronger reception was noted on some stations, with the RF gain backed off slightly. Advancing all the way caused the signal to be weaker. This normally only happened on strong stations.

Selectivity. There are 2 steps of selectivity, both ceramic filters, with wide skirts. While no match for an R-390A, the narrow position helps selectivity greatly.

BCB Antenna. For BCB reception, an 8 inch or so ferrite rod antenna is used. It is mounted on top of the receiver, and is capable of being rotated 180 degrees. The antenna is termed the "Gyro Antenna" by Panasonic, and appears to be very sensitive. Nulls are also very good.

Audio. Audio quality is very good. Separate bass and treble controls can adjust the audio to varied conditions, however the power output leaves something to be desired. There is no noise limiter or noise blanker.

# DOMESTIC DX DIGEST

Eric Rittenhouse  
2545 Hillegass St. #7  
Berkeley, CA 94704

**Power Supply.** The unit operates on 6 volts DC (4 "D" cells) or 120 volts AC. The power cord is detachable and does not have a storing compartment as do most portable receivers made today. This creates a problem as the power cord can be easily misplaced or lost.

**Carrying Strap.** There is a black shoulder strap that comes with the unit for carrying. While it performs a useful function, it is very cheap looking compared to the rest of the receiver. It also gets in the way of the gyro antenna. It can be easily removed and replaced again, but something better could be made.

In the following paragraphs, the Panasonic RF-2200 will be compared with two other well known portable receivers. The Realistic TRF, which needs no introduction, about 6 months old, and a Sony TFM-1600. The Sony covers AM, FM, and short wave in 4 bands from 1.6 - 27 MHz. It was bought while in Viet Nam 7 years ago, and has never been realigned. Both the Sony and the TRF have tuned RF stages.

**Sensitivity** - The 3 receivers are very close in the area. Possibly a slight edge to the TRF.

**Selectivity** - An edge in this category to the RF-2200. The TRF ends up last in this one. With bad conditions the RF-2200 was able to separate Radio Cayman-1555 from WQXR-1560 and CBE-1550 both who put extremely good signals at this location. The TRF and the Sony could not separate it from WQXR. Most of the other easy splits (834, 1165, 1265, etc.) were heard on all three, however.

**Frequency Readout** - The RF-2200 wins this one easily. The main dial is calibrated every 20 kHz, and is easily calibrated and interpolated to 5 kHz. The TRF and the Sony cannot be calibrated from the front panel, contain no internal crystal markers, and do not have accurate markings any closer than 50 kHz. They also suffer from extreme high band bunching.

**Audio** - Quality of the Sony and the RF-2200 are similar, both very good. The Sony, however, has a decided edge in power output. While the TRF has good power output the quality is lacking. When DXing, the audio quality can make some DX stations more readable.

**Antenna nulling** - About the same in all 3 sets. The gyro antenna makes the RF-2200 slightly easier as the receiver itself does not have to be rotated. The TRF has its good points here too, as it is light enough to be easily tilted, to produce a deeper null.

**Overall** - The nod goes to the RF-2200. Despite comments the TRF and the Sony come very close. Frequency readout is really the only major difference.

The Sony and the RF-2200 were also compared on FM and short wave. The RF-2200 came out way ahead on shortwave. The Sony is in need of alignment, I guess, and only being single conversion, has images all over the last two shortwave bands. Frequency readout in the RF-2200 is again superior, as well as selectivity. FM is a close race. With just a whip antenna, reception is better than either my JVC 5040U, or Kenwood DR-7400 stereo receivers with an outside antenna. Sometimes the RF-2200 is susceptible to images on the FM band. You may find one strong local all over the band.

In conclusion I would have to say that the Panasonic RF-2200 is a very good portable receiver for the price. It has a lot of features not found in portables in that price range until recently. If you DX the ECB, short wave, or FM this just might be the backup receiver you are looking for. For the ECB unless you have a super location, it won't bring the TA's or TP's in, but for the domestics it can do a very good job. Reading other reviews on this receiver, there have been complaints of images on the ECB from powerful locals. While I do not live in an area such as New York or Chicago that has many 50 kw transmitters, I do not live in a rural area either. I have not noticed any image problems at all on the ECB.

Hi All,

Another hectic week in the west, with a student Senate election and the onset of finals. Vacation is sounding better and better. This is being typed at 0300 PST, so expect anything, hi. I'll take just a small place here to plug SF '78 the all-new SAN FRANCISCO NRC Convention. Please remember to vote--make your voice heard! The preceding paid for out of the slush fund left over from SF '76... Hi...

## SUNSET to MIDNIGHT Western Zone

- 730 KSVN UT OGDEN, 11/26 1900 "Super Country Wkend", ID, C&W, g/f w/GKLG nulled. Vy strong for 1kw. (BH-WA)
- 910 CJDV AB DRUMHELLER, 11/23 2256-2300 ending "Voice of China & Asia" rlgs pgm using Vancouver, BC address, then 2300 ID. O/u KALL w/KNEW nulled. (BH-WA)
- 1060 KBCN ID CALDWELL, 11/25 1840-1845 rlgs mx/rlgs, spots, 1842 promo "Christian Rx fr the Boise valley", 1845 ID into rlgs, gd w/10kw CFCN nulled, ex-910. (BH-WA)
- 1300 KMFB CA MENDOCINO, 11/26 2005 ID end nx/wx. On past LSS shown on Nov. SR/SS map. Excellent w/KMPS nulled. (Guess we just live right, Eric.) (NH-WA) Grrrrr. ECR.
- 1370 CFOK AB WESTLOCK, 11/23 2240-2245 C&W "OK Country," many lcl spots for Westlock, Southern AB. Popping KAST/KEEN on gd AB opening. (BH-WA)

## Central Zone

- 570 WVMI MS BILOXI, 11/24 o/WFAA w/IDs/lcl ads 1750. (SHP-IX)
- 580 WELO MS TUPELO, 11/24 o/KALB/WIBW w/WELO Final Edition Nx 2350. (SHP)
- 590 WOV NE OMAHA, 11/26 o/WPLO w/Omaha wx 2107. (SHP-IX)
- 610 WSGN AL BIRMINGHAM, 11/26 o/WDAF w/SIDs, P-40 2151. (SHP-IX)
- 740 CBL ON TORONTO, 11/26 o/KCMC/KRMG w/CBC "Anthology" pgm 2213. (SHP)
- 1000 KPOK OK OKLAHOMA CITY, 11/24 o/WCFL w/Traffic nx, OK wx 1824. (SHP)
- 1270 KIOX TX BAY CITY, 11/19 w/Louisiana Hayride (KWKH feed), ads 1754.
- KADL AR PINE BLUFF, 11/7 ID, s/off 1800 (JK-KS) (SHP)
- 1480 KJOE LA SHREVEPORT, 11/5 1815 ID, s/off info, no SSB hrd. (JK-KS)
- 1500 KTXO TX SHERMAN, 11/4 1816 w/"K-Pex" nx/ads, s/off 1832, no SSB. (JK)
- KBGG TX MERKEL, 11/4 1832-45 w/new call, C&W, s/off. (JK-KS)
- 1510 KANS KS LARNED, 11/6 1831 ID/movie ad. (JK-KS)
- 1600 KCRG IA CEDAR RAPIDS, 11/25 w/K-16 wx 1654. (SHP-IX)

## Eastern Zone

- 670 WKAR MI EAST LANSING, 11/26 s/off fr 1715 no SSB. (NK-RI)
- 1130 WCAR MI DETROIT, 11/26 fr u/WNEW w/ID 1643, MoR. (NK-RI)
- 1270 WDLA NY WALTER, 11/26 fr/pr u/WSPR, ID 1631. (NK-RI)
- 1280 WFOC NY FOCHESTER, 11/25 fr w/WADO 1640, lcl ment, (NK-FI)
- 1470 CKO PA PONT CLAIRE, 11/24 gd w/CKO Ex Nx 1639 w/WSAN. (NK-FI)
- 1550 WVAB VA VIRGINIA BEACH, 11/24 fr/gd at 1700 s/off w/WXVA. (NK-RI)
- WXVA WV CHAPELSTOWN, 11/5 fr w/1649 wx. (NK-FI)
- 1580 WIDI IN HAMMONTON, 11/5 1646 s/off fr. (NK-FI)

## MIDNIGHT to SUNRISE Western Zone

- 710 WGBS FL MIAMI, 11/28 0431 ID L&C on ET/OC. Another ID 0431, at first I thought they were KIRO, they were so strong. Had been hoping for WOF! (NH-WA) Let's not get excessive, Nancy, hi--ECR (aarghhh)
- 730 CKDM MB DAUPHIN, 11/24 0100 nx/wx 0104 devotional, 0106 s/off, poss GSQ after. Av/pr thru loud CKLG. (BH-WA) KMPS I'll believe; this I can't stand! They're stronger than KCBS down here... Get me to a medic... Aaargghh--ECR.....
- 920 KITN WA OLYMPIA-LACEY, 11/26 0459 ID following MBS' "Long John Nebel" (what?! He ought to get a Nebel Prize for that name--ECR), lcl ad, 0500 "KITN Sports", back to Nebel 0506, av/pr thru strong KGAL. (BH-WA) (NH-WA)
- 1140 KLUC NV LAS VEGAS, 11/28 DX L&C 0349 simulcasting FM w/T-40, ads.

# GY ACHIEVEMENTS

Harry Hayes  
Star Route, Box 226C  
Gouldsboro, Penna. 18424

Now, for the "all important" grand totals column which you all have been waiting for! I even put on a new ribbon to celebrate typing it up. **No, not in my hair, dummeest!**

YB	Dkr & loc.	1230	1240	1340	1400	1450	1490	TOTAL
39	Gene ALLEN Vallejo CA	76	98	*116	*117	*129	*102	638
	Stan MORSS Braiford MA	84	*114	101	102	108	98	607
50-52	Don KASKEY Galva IA	*85	77	104	105	121	93	585
	Bob KNOX Newton NJ	50	80	64	73	86	50	403
	Frank WHEELER Erie PA	27	68	35	37	65	32	264
	Stephen FRANCIS Alcoa TN	26	34	20	25	42	44	191
61	Alan IMPRESCIA New York NY	29	30	27	32	28	34	180
	Dan PHILLIPS Jacksonville AL	25	19	37	25	24	36	166
	Russ EDMUNDS Parsippany NJ	14	26	20	28	22	34	154
	Andy RUGG Pointe Claire PQ	26	27	24	22	20	24	143
67	Rich EDDIE St. Louis MO	15	20	22	30	23	22	132
62	Ron MUSCO Windsor CT	19	25	19	23	26	20	132
62	Tim KERFOOT Weston ON	19	19	30	23	14	23	128
57	Don KASKEY Sacramento CA	15	17	22	25	29	17	125
	Geoffrey PARRISH Memphis TN	17	21	20	22	23	20	123
	Neil DICKERSON Sharptown MD	21	19	32	16	19	15	122
	John KROMKA Montville NJ	16	23	19	21	21	15	121
	Dave SCHMIDT New Castle DE	17	24	21	16	12	23	113
60	Bill HARDY Aberdeen WA	18	22	17	18	18	18	111
69	Jeff FALCONER Clinton ON	17	20	21	21	19	9	107
57	Tom SUNDSTROM Wallingboro NJ	13	26	17	23	20	8	107
70	Harry HAYES Gouldsboro PA	15	21	17	13	21	19	106
	Michael SCHEEL Davenport IA	5	11	23	13	23	29	104
73	Nancy HARDY Aberdeen WA	16	20	13	11	13	14	87
73	Brett HANAVAN Chula Vista CA	13	3	10	11	14	6	57
	Forest OSBORN Hooker OK	9	8	7	10	12	8	54
74	Rick CARB Bloomington IL	1	7	9	11	9	14	51
73	Paul MOUNT Teaneck NJ	5	7	8	8	8	5	41
73	Bob WESSOLOWSKI Milwaukee WI	9	3	4	5	9	11	41
	Michael HOGAN Highland IN	2	6	4	13	7	6	38
	Ken ONYSCHUK Hazel Crest IL	6	6	5	7	10	3	37
72	Bill LACKEY Kingsville TX	6	9	4	3	5	4	31
76	Gene NIX Billings MT	3	5	5	5	4	3	25
	Don DAVIS Warner Robins GA	5	4	3	2	4	2	20
70	Kon. RYCHALSKY Bridgeport CT	3	2	4	3	2	3	17

The stars at the top of the page stand for top honors on a particular channel. I'm happy to say that we added a lot of new names with this column with its short, short deadlines. Sorry about that, but I meant to have a longer deadline for this column. The problem seems to have been my negligence in getting the column in the mails on time.

Now you can compare your GY progress with others and get on the ball to improve your standings for next year. Looking at this column, it seems as though we have sort of a "bottleneck" in the 120's.

DEADLINE for 1230 will be Saturday, January 21, 1978. 1978 already, boy I'ma gettin old. Anyway, send your best two loggings from each of the six Graveyard channels in order to get on the listings. Stations in Canada, the U.S., Mexico, Cuba and Bahamas only are eligible. Also the power of the station must not exceed 1 kw at the time of reception. Send in your grand totals also with year began. Remember, no more than two locations.

That concludes it for this column, the first column, of GYDKA. Tune in again next year for column two.

1140 WFVA VA RICHMOND, 11/28 0318 1/2 wx/ID fr w/CKXL nulled. Per N&C Log updaters, this on MM, off SM. If you need VA, this is the time, as KLUC likely NSP when fulltime. (NH-WA) Yes, SM does refer to Sunday AM. My mistake--ECF.

1310 CIOK AB ST PAUL, 11/25 0124 automated C&w, 0125 promo for "Know Your Government" on CIOK. Atop surprisingly good. (BH-WA)

1470 KWSL IA SIOUX CITY, 11/28 0656 1/2 call ID into lcl nx, fr thru CJVB OC. (NH-WA)

Central Zone (SHP)

570 WNAX SD YANKTON, 11/25 o/WFAA w/Midwest temps, Yankton wx 0110.

590 WFTH IL WOOD FIVE, 11/25 o/WPLO w/"WRTH mx for the gd Life", ID 0139. (SHP-TX)

Eastern Zone

550 CFNB NB FREDERICKTON, 11/11 fr/gd 0256-0305 C&w into nx 0300 (0400 ASF) then Atlantic Jamboree show 0305. QFM WGR/other C&w.

560 WQAM FL MIAMI, 11/18 finally hrd in AU w/rr 2307-2330, spots (PFM) for Happy's on Biscayne Blvd, fr/gd mostly o/wFIL. (PRM-NJ)

620 WTMJ WI MILWAUKEE, 11/21 fr at best 0305, jx 0312 w/end NBC nx, jx ID, 6 past 2 IC by YL DJ, pop oldies. QRM de nulled WHEN, loud TPer. (PFM-NJ)

730 CHYR? ON LEAMINGTON, 11/25 way u/CKAC w/ID 0251 after sports. (NK)

850 WJW OH CLEVELAND, 11/24 ID 0145 u/WHDH w/T-40. (NK-RI)

910 WHNV VT WHITE RIVER JCT, 11/23 DX fr u/WRCQ/WABI. (NK-FI) \*\* 11/23 0012-0101 t/out w/IDs 0021, 0101. Pr/gd w/WFCQ. Lotsa OC, infrequent tones. (FM-CI)

940 CJGX SK YOKKION, 11/24 gd w/fades, ID 0255. (NK-FI)

960 CFAC AB CALGARY, 11/24 gd w/slight WELI/CHNS QFM, nx 0330, sports 0345, C&w, (NK-RI) Nice--ECF

1030 KTWO WY CASPER, ET/TT/OC 0345-0405, ID 15 min intervals per ERC tip. QSLed prev, but not every night we can hear WY. (PD) I'll trade it to ya for WIIIC--ECF

1070 WFLI IN CHATTANOOGA, fr w/ID 0234. (NK-RI)

1090 WILD MA BOSTON, 11/5 "EF on main XF" w/TT u/WBAL, ID 0059. (NK-FI)

1150 WRUN NY UTICA, 11/18 noted in car in Emerson, NJ 1925. Then hrd in Teaneck 0113-0130 w/T-40, DJ sez "on r-u-n" nx 0124. New, just a bit of trouble from WNEW. (PRM-NJ)

1230 WINF CT MANCHESTER, 11/21 among many 0318-0400 ID finally hrd. DJ Gary Arnell, rr, st/lcl nx 0400. (PRM-NJ)

UNID VT 11/21 NBC nx 0400, ID like WYSS/WYNZ/WYNE, not WINF. (PFM)

1400 WICK PA SCRANTON, 11/21 gd w/movie theme 0055, s/off 0057. (PRM-NJ)

WLLH MA LOWELL, 11/21 pr/gd 0104-0159 w/rr, Radio 14 promos, few spots, fadey, QRMed, pest. (PFM-NJ)

WHMP MA NORTHAMPTON, 11/21 pr/gd simulcasting FM, jx IDs as "FM-99" using Drake-Chenault auto-rock mid-6AM per call. PSA for lcl event, ABCiNx. NSP now, new. (PRM-NJ)

WOND NJ PLEASANTVILLE, 11/21 0113 w/"WOND Rx 14", back under. Rr.

WLIS CT OLD SAYBROOK, 11/5 ET/TT/ID 0212 o/u WBSM/CKTL. (NK-RI)

1440 WNCB MA WORCESTER, 11/19 new frmt, change from EZL to WNBC-type 9per call, 14-Q IDs, want to change to WFTQ. (PRM-NJ)

1450 WCTC NJ NEW BRUNSWICK, 11/5 gd atop w/s/off, SSB 0208. (NK-RI)

1560 WTFQ NC WAFSAW, 11/21 loud TT 0239, ID, looking for Millen, GA. (PF M-NJ)

Must get this off; reporters next time.....ECF.....

Reporters for the Nov. 29, 1977 DX test conducted by WCHE-1520, West Chester, Pennsylvania. These include: Harry Adelman, Belleville, N.J., Warren Brown, Ashway, R.I., Konstantine Rychalsky, Bridgeport, Conn., Andrew Rugg, Ile De Soeurs, Quebec, Andy Kwaitkowski, Chicago, Ill., Jim Wallace, Whitehall, Ohio, Ray Arruda, Acushnet, Mass., Thomas Bull, Washington, D.C., Pat Flanagan, Columbus, Ohio. WCHE was on from 12:15 to 3 a.m. Their regular f/c is the last Tuesday, 0030-0045. WCHE was also heard in Louisville by Pat Hartlage, who will send Dave Schmidt a delayed report via tape.

## MEMPHIS

Logos for various radio stations and networks: WMPs, KWKH, Canadian Broadcasting Corporation, NRBA, WQAM, KORK 920, WDXR, WJRC Louisiana network, and KFIZ.



# INTERNATIONAL DX ACHIEVEMENTS

NORM MAGUIRE  
2877 KALAKAUA AVE.  
APT. 703  
HONOLULU, HAWAII 96815

DXer	Location	Countries	T.V.	FOR.	North America	Best
B. Dangerfield	Pennsylvania	117 VAC	430	553	115	R. Antigua 644
H. Gustafson	Illinois	106 VAC	849	303	67	WXLS Greenland 850 1kw
R. Anderson	Virginia	105 VAC	1448	514	227	AHD Puerto Rico
H. Robie	Massachusetts	90	263	148	62	HOK Panama 250w
R. Schiller	Texas	86 VAC	2133	375	256	ACE Puerto Rico 1200 50w
D. Reynolds*	California	84 VAC	1366	491	279	R. Montserrat 885 250w
N. Maguire	Hawaii	76 VAC	2994	517	265	WXLQ Bermuda 1240 50w
H. Wilkinson	California	71 VAC	395	371	126	St. Pierre 1375
C. Freeman**	California	67 VAC	1571	368	232	AFRS Thule 1425 1kw
A. Imprescia	New York	67 VAC	1573	253	102	CKRW Yukon Terr. 1kw
C. Allen*	California	65 VAC	2876	540	336	WUNS Ohio 1560 5w
A. Rugg	Quebec	60	1441	1247	1144	WKFE Puerto Rico 1550
R. Sperry	Connecticut	42	1669	249	216	ACA Canal Zone
S. Waterman	Massachusetts	39	239	89	51	R. Anguilla 1505
S. Dellit**	Australia	36 VAC	262	127	49	KOMY California 1340 250w
R. Pistek	Illinois	34	1141	121	108	St. Vincent 705
B. Reynolds*	Missouri	28	1103	121	111	HON Panama 1501
R. Carr	Illinois	25	546	41+	33+	CMKV Cuba 600
F. Wheeler**	Pennsylvania	24	1694	189	179	KFAR Alaska 660 10kw
E. Weselowski	Nebraska	24	1898	168	153	ZEM Bermuda
W. Powis	Virginia	20	264	199	8	CEK Saskatchewan 540 50kw
K. Rychalsky	Connecticut	11	225	46	45	R.Lighthouse, Antigua 10kw
P. Mount	New Jersey	v6	216	24	22	WKAQ Puerto Rico
J. Kay	Ontario	3	212	154	153	WADC Alabama 1kw

Welcome to Rick Carr. Decided to list in order of Countries Verified this time. Norm Maguire finally snared a verie out of WXLE, Canton Island and noting Hank Wilkinson's Sarawak in last issue, realized that W. Malaysia was not counted, so gave him an additional country. Will be spending the Holidays in the Land of Enchantment. Hope those listed as (\*\*) will update your totals. Next issue will feature Asia totals and best verie. Happy Holidays, good DX and good health. Aloha,



# NOSTALGIA

Beginning in the October 14, 1975 issue of DX News, Ernie Cooper through his "Mothball Memories" sought to capture for all time the exciting and wonderful early days of DXing. This issue, dubbed the "Nostalgia Issue", is intended to supplement Ernie's efforts.

Elsewhere is a letter from former publisher Richard H. Cooper. Illness and lack of time prevented Dick from fulfilling his wish to contribute a wide variety of materials. However, he was able to furnish nearly a dozen excellent photographs.

Contributions regarding old stations were slim, except in the form of station lists. Accordingly, we'll rely on past and future "Mothball Memories" for this type of historical information. Perhaps all the "Mothball Memories" can be retyped and included in the Nostalgia booklet which Dick Cooper indicated will follow.

Much of the "NRC-Looking Back" is taken from the 1960 Muse of Warren Routzahn and notes compiled by Skip Dabelstein.

Among those who contributed are Bob Lazar, Ron Schiller, Ernie Cooper, Richard H. Cooper, Neil Zank, John D. Bowker, Harry Adelman, Jerry Starr, Paul Swearingen, Bob Walker, Eric Fader, Ross Hansch, Russ Edmunds, Frank Dailey, Miles Bredvold, Mike Heppe, Jim Critchett and W.E. Gittings. Typing assistance was by Glenn Cooper and Yves Morisette. Some of the material we received will appear later in DX News.

PAT HARTLAGE



Since its inception NRC had been governed by either a Board of Directors or an advisory board. However, a three man governing body came about in 1959 with the resumption of publishing by Ray Edge. The Publisher, Musings editor and editor of International DX Digest were in charge. DX News at this time appeared 34 times a year, limited to 20 pages mimeograph, with annual dues of \$4.

Over the next few years differences arose between some members and Ray Edge over the way NRC was governed and publishing policies. Out of this conflict arose The National Radio Club, Inc., later renamed the International Radio Club of America (IRCA), in 1964. Shortly before the formation of IRCA, NRC membership was over 300.

Effective Labor Day, 1964, Dick Cooper of Kittanning, Pennsylvania assumed publishing duties. (Ray Edge was killed in an automobile accident in 1965). Dick Cooper published until 1966, when John Callarman held the reigns for two years. In 1968, the Boston Publishing Committee, headed by Gordon Nelson, began a five year term as publisher. During their tenure, the present offset booklet format was adopted. In 1973, the North Jersey Publishing Committee took over. A marked increase in membership to over 700 members occurred over the next few years. In April, 1977 responsibility for publishing was transferred to the Louisville Publishing Committee.

\* \* \* \* \*



## "139 West Coast Veries from Brooklyn?" Condensed from Chapter I of Mothball Memories

In the thirties, there were virtually NO all-nighters on the dial. Stations almost never broadcast past 1 a.m. local time, and most, even in big cities, signed off at midnight. This meant that virtually every frequency - yes, even the graveyard channels - were clear from the East Coast, straight across to California, Oregon, Washington and British Columbia, seven mornings a week! So, by 2 a.m., EST on a good morning, it was not only possible to hear West Coasters on regular schedule- it was in reality run-of-the-mill reception! With better equipment and more available time, it could have been 200 or more Western verifications, in fact! Most New York, Chicago, San Francisco and Los Angeles stations stayed on until 1 a.m. their time. After 1 a.m. then, in the East, it was easy to log Chicago and other CST stations, and by 1 or 2, things were open through to the MST zone, and to some PST stations as well. It was something like the Networks' coverage of New Year's Eve these days - they follow the New Year Westward. And that was how it was so comparatively easy for us who were active in those exciting days to log and verify so many 3,000-milers. It worked in reverse, of course, for the West Coast DXer - he could get EST sign-ons, then an hour later, the Centrals, and then the Mountain Zone stations - before any of his locals opened up! Ah yes - 'twas fun - but coast-to-coast reception was actually ROUTINE in the Good Old Days! ERNIE COOPER.

## "Conventions I Have Known" Chapter XVI

Back in the early days of NRC, when its HQ was in Erie, Pa., that was the site of the annual Convention. Then, the Club moved to Buffalo, N.Y. and



Erie, Pa. 1939. Front row, extreme right is Harold Burstrohm of Cleveland, who designed the official club emblem. Top row, second from left is Ray B. Edge.

the Convention moved along with it, and was held every year at the home of the late Ray B. Edge. I can recall my first Convention - 'twas on Labor Day weekend of 1941. I had just turned 21, and was somewhat nervous at the excitement of my first Convention, and meeting the "stars" of the NRC of that day. I arrived by Lehigh Valley RR, and was met by a group of the NRC stalwarts of that era, led by the one and only Joe Becker, the President of the Club, and the host, Ray B. Edge. Joe shook my hand and immediately asked if I had any matches, and he took them and gave me another pack to replace them, as it was a hobby of his to collect matches from around the world. In those days I was a staunch Dodger fan, and wore a baseball cap with a large fancy "B" on it for Brooklyn. The liveliest group of NRCers then was the Cleveland gang, with Steve Mann (now a noted ham) and Fran Gmeiner and others whom I can still visualize, but whose names have escaped me. One

year, they put all the hotel furniture out on the balcony! Then, one year it was held in nearby Williamsville, at the home of Joe Brauner and his wife Marty, who prepared a still-remembered outdoor banquet for us in their spacious back yard. DXing was done by many at the 23 tube Scott of Ray Edge. I recall it used to be a "tradition" that at least one new station would be testing prior to going on regular schedule during Convention time, and we tuned about, and came upon music on 1050 - remember, in those days, the all-nighter was as scarce as clear frequencies on a weeknight are today! Suddenly the announcer said, "This is Radio Station WWGP in Sanford, North Carolina, testing on 1050 kilocycles." And it was a blast to see about eight DXers scrambling about looking for paper and pencils to make notes on this newie! The first Convention held away from Club HQ was, I believe, the Wheeling Convention, and I have alas, forgotten the year. It must have been around 1950 or thereabouts. We had an outdoor meal again, a huge picnic in a state park overlooking the (muddy!) Ohio River and Wheeling Island. This was hosted by NRCer Sid Rosenbaum. Like the previous Conventions, there was no hotel or motel HQ for the weekend, but rather, the home of the host DXer. To the best of my knowledge, the first NRC Convention which was centered in a hotel was the Cedar Rapids one in, I believe, 1955. That was before I would dare to fly, so I missed out on that one. But, when the Convention was set for Omaha in 1957, I believe it was, or could it have been '59, (note it was 1959), I decided I was cheating myself out of a lot of fun and enjoyment by refusing to board a plane, so I made the break, and flew "United" out to Omaha, where I managed to lose my return flight tickets! But, a good (wealthy?) NRCer lent me the money to get back, and upon opening my baggage, I found the tickets, so all was not lost. Something always happens at our Conventions, what will happen next? ERNIE COOPER.

nrnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrcnrc

Just as they are today, get together were very popular in the early NRC days



Shown above is a 1940 meeting of NRC members at Kittanning, Pennsylvania. Those attending (left to right):

Robert Botzum, Reading, Pa., (unknown), Daniel Yapp, Kittanning, Warren Routzahn, York, Pa., Dick Cooper, Kittanning, Bruce Button, Kittanning, Frank Schmidt, Pittsburgh, Max Demuling, Erie, Pa., Ed Feichtner, Erie, Bill Stone, Toronto, Ontario, Harold Wagner, Erie and Harry Gordon, Erie.

\* \* \* \* \*

Early call letters (1923) for New York City included KDOW, WBAY, WDT, WEA, WJX, WLAW and WWZ. In Chicago one could hear KYW, WAAF, WBU, WDAP, WGAS, WJAZ, WMAQ, WNAJ, WPAD and WQX. Out Denver way there was DD5, DN4, KDZQ, KFAF, KFDL and KLZ. San Francisco had AG1, KDN, KDZG, KDZW, KDZX, KFDB, KLP, KLS, KPO, KSL, KUO and KZY. Up Alaska way, the only station was WLAY in Fairbanks.

**RICHARD H. COOPER**  
P. O. BOX 223  
KITANNING, PA. 16201

December 2, 1977

TO THE MEMBERS OF THE  
NATIONAL RADIO CLUB:

Quite some time ago I promised Pat Hartlage that I would prepare some material for the "nostalgia" issue. Time has expired and I have had only ideas. Today, however, I have sent him a few pictures and a bit of material but probably not in time for his deadline.

As many of you know, I am in the printing business. It is my sincere offer at this time to prepare a supplement for later distribution with the bulletin that I will give to the club. Such a publication will be the same size as the bulletin and can either be stapled as part of an issue or distributed seperately.

I have in mind including something of the history of radio in the first days, some of the more interesting stations that have been heard, some of the people that I have met over the years, some of the experiences of the few old-timers that are left, if I can get in touch with them. I have in mind Joe Brauner, Kermit Geary, Warren Routzahn, Bob Botzum, and several others, some of whom are probably deceased.

I have almost all of the club bulletins stored away in my attic. It was my intention to pick out the first NRC letterhead, reproductions of the cover of several old radio publications, reproduce some old DX reports to "DX News", recollect for this issue such things as the SINGLETON/ELIMINATOR CONTEST. There is little use to make excuses that health and lack of time have kept me from my intentions. But I sincerely promise that I will commence such a project with this letter.

I will be getting in touch with Ernie Cooper (I knew him when we called him Lefty). I believe there is sufficient interest in reproducing such things as old DX reports to stations. I have some reports sent to WACB, WPME, WCPA and perhaps a few others. I think I have a DX report that Jim Critchett sent to WPME for a DX program that we had when Joe Pelletier was a member of NRC and Chief Engineer at WPME.

Also, I think I can prepare a series of items on unusual stations, such as TJW Hamilton, Bermuda who used 7½ watts and was verified by Joe Brauner, Joe Becker (first NRC president) and the late Hank Tyndall of Vermont.

I shall get in touch with my old friends, the Brauners, and try to arrange a visit. Maybe I can let the tape recorder run while I chat with Joe Brauner who was a Buffalo, N. Y. DXer from the 1920's. I am sure Joe has many verifications that should be copied and reproduced for the record. Maybe I can work that out with him.

I'll look for your response to this first attempt of Pat Hartlage and be guided in my project by what you seem to be interested in.

Very best DX to one and all. I wish you young fellows could have experienced the "thrills" of the early days -- but on the other hand you have an abundance we old-timers only could wish for. I guess each man is blessed according to his own time in history. You'll hear more!

RHC



Many magazines were devoted to radio in the early days. A page from the first issue of "What's On The Air", November, 1929 appears below. Its format was much the same as "TV Guide" and contained feature stories about NBC's early radio successes (Philo Theater, Atwater Kent Concerts, Amos 'n' Andy, Billy Jones and Ernie Hare, The Voice of Firestone, and others), as well as articles on the Winter Radio Season and Sports on the Air. Among the stations listed were WBZ-Springfield and WBZA-Boston, both on 990 khz, WKCY-Covington, Kentucky on 1480 khz, KYW-Chicago on 1020 khz, and KLZ-Denver on 560 khz. Note that the wave guide listed meters, khz and the 0-100 scale found on the earliest radios. (Book loaned by Paul Swearingen)

**WAVE LENGTH GUIDE**

WAVELENGTH (M)	FREQUENCY (KHZ)	WAVELENGTH (M)	FREQUENCY (KHZ)
300	1000	300	1000
290	1035	290	1035
280	1070	280	1070
270	1105	270	1105
260	1140	260	1140
250	1175	250	1175
240	1210	240	1210
230	1245	230	1245
220	1280	220	1280
210	1315	210	1315
200	1350	200	1350
190	1385	190	1385
180	1420	180	1420
170	1455	170	1455
160	1490	160	1490
150	1525	150	1525
140	1560	140	1560
130	1595	130	1595
120	1630	120	1630
110	1665	110	1665
100	1700	100	1700
90	1735	90	1735
80	1770	80	1770
70	1805	70	1805
60	1840	60	1840
50	1875	50	1875
40	1910	40	1910
30	1945	30	1945
20	1980	20	1980
10	2015	10	2015
1000	3000	1000	3000
900	3333	900	3333
800	3667	800	3667
700	4000	700	4000
600	4333	600	4333
500	4667	500	4667
400	5000	400	5000
300	5333	300	5333
200	5667	200	5667
100	6000	100	6000

**WHAT'S ON THE AIR**

(Registered in U. S. Patent Office)

MAGAZINE FOR THE RADIO LISTENER



YOUR GUIDE TO THE BEST ON THE AIR

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PATENTS APPLIED FOR COVER BASIC FEATURES OF PROGRAM LISTING SERVICE OFFERED IN THIS MAGAZINE.

**HOW TO USE**

**"WHAT'S ON THE AIR"**

To Double the Benefits from Your Radio Set

NEVER, never "Just tune in!" You do not go to the first station you pass, nor read the first book you pick up. To it you just as carefully to the first station in your chain of radio entertainment! The hours you spend with your radio are really more important because they constitute a very substantial part of your entire leisure. WHAT'S ON THE AIR tells you with almost no effort on your part what the big chains and powerful nationally popular stations may be expected to offer at any moment. You not only learn what features are available, but also know what kind of entertainment to expect. For example, if your mood calls for a symphony concert, WHAT'S ON THE AIR tells you where to look for a symphony concert; if your guests want to dance, it immediately gives you a list of dance orchestras on the air at the time—in short, it tells you where to find what you want exactly when you want it.

**HOW TO FIND WHAT CHAIN PROGRAMS ARE ON THE AIR AT ANY GIVEN MOMENT**

8:30 o'clock, Tuesday evening. Turn to the spread at the top of which is the caption "8 to 10 P. M., Eastern Time." You will find that the stations are listed alphabetically, according to State and then according to city. Locate the stations in the cities nearest to you. If you live in Eastern Time territory, use the time listings at the top of the schedules, and if you live in Central Time territory, use those at the bottom of the schedules. In the column under 8:30 (if you live in the East), or above 8:30 if you live in the Central Zone, you will find the programs of the moment. If your favorite station happens to be broadcasting a chain feature, you will find a white symbol superimposed on a red circle, and a corresponding footnote at the bottom of the page will tell you briefly who is sponsoring the feature and give you a general idea of what type of entertainment to expect. In the same column you will find other symbols, telling you what chain features other stations are broadcasting at the same time. Choose one of these features and tune in. If the type of entertainment offered does not appeal to you, try one of the other chain features. WHAT'S ON THE AIR tells you not only what stations are broadcasting chain features, but also, by means of the wave-length guide on this page, how to tune them in.

**HOW TO USE THE WAVE LENGTH GUIDE**

This guide (at the left) is designed to enable you to use your knowledge of stations with which you are familiar to tune in others with which you may not be familiar.

The numbers in the "Cross-reference" column are those appearing before the stations listed in the program schedule pages of this issue. For example, the numbers in the first column (48, 56, 71, 89, or Stations KSD, WGR, WKRC, WEA, N, as a glance at any schedule page reveals) broadcast on the 550 kilocycle channel.

Whenever you find it convenient, draw a few lines from the arrows opposite the wave lengths of the stations you tune in frequently to the points on the representation of a detector dial to the right, corresponding to points at which these stations "come in."

Naturally, stations having intermediate wave lengths must respond at points between and parallel to the lines you have drawn for guidance.

**TO MAKE A LONG DISTANCE TEST (DX)**

Ascertain which of your local stations are broadcasting chain features at the moment. Tune in one of these and find out what number is being rendered. Then start your detector dial at either end of its arc and turn slowly. As soon as you hear the same number, note your dial setting and check back from your scale to the wave length to find the wave length of the station to which you are listening. In this manner you will be able to know, without being obliged to wait for call letters, just what station you are receiving. If two cross-reference numbers are listed, an appropriate chain color index will guide you in making the identification. By turning back occasionally to your local station to verify the number being sung or played, you can go through the entire list and identify many stations in a less time than would be necessary if you were to wait for call letters.

DX NEWS  
"CONDITION OF FREQUENCY" LIST  
(As appeared Nov. 12, 1955) (All times EST)  
Compiled by Len Kruse

550	KOY Off Sun & Mon AMs	870	WWL Off Mon AM only	
	WSVA S/on weekdays at 4AM	880	WCBS Off Mon AM only	
	KMVI On daily till 4 AM	890		
	KENI On daily till 5 AM; Sun 6 AM	900	CJVI On daily till 4:05 AM; on ALL Sun AM; off Mon at 5 AM	
560	WIND Off Mon only at 3:35 AM	910	WABI Off only Sun 6-7:30 AM	
	KSFO On daily till 4 AM		KPHO On daily till 3:30 AM	
	WQAM On daily till 4 AM (incl Mon)		KVAN On daily till 5 AM; off all Mon	
	CFRA No Silent Period	920	WOKY Off Mon AM only	
570	WMCA Off Mon AM only		KRAM Off ALL Mon AMs; Sun at 4 AM	
	KLAC Off Mon AM only		KELP On daily till 3:05 AM	
580	CKEY No Silent Period		KAHU On daily till 5 AM	
	CKUA On daily till 4 AM ex Mon	930		
	WCBS No Silent Period	940		
	KMJ Off Mon only at 4:05 AM	950	KIMN Off Mon AM only	
	WDBO		KJR Off Mon AM only	
590	WOW Off Sun AM only		WPEN Off Mon AM only	
	WARM Off Sun 3-8 AM only		WNJ Off Mon AM only	
	WEEI Off Mon AM only	960	KROW Off Mon AM only	
	KUGN On daily till 3:05; Sun 4:05		KALE Off Mon AM only	
	KGMB On daily till 5 AM	970	WNSW Off Sun AM only at 6 AM	
	XEPH On daily till 4 AM		KBIS Off Tues AM only	
600	WICC Off Mon AM only		KREM Mon till 2; Tues thru Sat 4 AM Sundays till 6 AM	
	CJOR Off Mon AM only		KAKC	
	KFSD On daily till 3:05	980	KFWB	
610	WIP No Silent Period (1 KW Tues)		CKWX On daily till 4 AM; off Mon 3:05	
	KDAL Off Mon AM only; Sun s/off 4:05	990		
	WIOD	1000	KOMO (TT) ALL AMs odd months	
620	WSUN		WCFL Off Mon AM only	
630	CKOV On Sun ONLY till 5 AM	1010	WINS Off Mon AM only	
	KPOA On daily till 6 AM ex Mon 5		CMBQ No Silent Period	
640	KFI Off Mon AM only		KAMQ	
650	WSM (TT)	1020	KDKA Off Mon AM only	
660	WRCA Off Mon AM only		KPOP On Mon AM only	
	XEBZ On daily till 4 AM	1030	WBZ Off Mon AM only	
670	WMAQ (TT) On Sun AM only		XEQR Off daily at 3:30 AM	
680	CHLO Off Mon AM only	1040	WHO Off Sun AM only	
	KNBC (TT) Off Sat & Sun AMs only	1050	XEG No Silent Period	
	WCTT	1060	KXOC On daily till 5 AM	
690	KULA On daily till 5 AM		WNOE	
	KGPH Off Mon AM only	1070	KNX Off Tues AM only at 4:20 AM	
700	WLW Off Mon & Tues AMs only		CKLG On daily till 5 AM; Mon 3:05 AM	
710	KMPC Off Tues AM only	1080	KRLD Off Mon AM only	
	KIRO On daily till 4:30 AM except Sunday & Monday; TT even months		CHED Off Mon AM only	
	WOR No Silent Period	1090	WBAL Off Mon AM only; s/off Sun at 4	
	WKRG Off Mon AM only		XERB On daily till 3:30; Mon 3 AM	
	WHB		KING Off Mon AM only	
720	WGN (TT) Off Sun AM only	1100	KJBS No Silent Period	
730	KFQD On daily till 5:05 AM		1110	KFBF Off Mon AM only
740	KCBS Off Tues AM only		KIPA On daily till 5 AM	
750	WSB Off Mon & Tues AMs		XXLA Off Mon AM only	
760	KGU On daily till 4:15 AM		WBT On daily w TT ex Sundays	
	WJR No Silent Period	1120	KMOX Off Mon AM only	
770	WABC On with TT Mon AM only		1130	KSDO On daily till 3:15 ex Mon
	WBBM Off Mon AM only		WNEW Off Mon AM only irregularly	
780	KABC On daily till 5 AM	1140	KGEM Off Mon AM only	
800	CKOK On daily till 4:05; 3:05 Mon		WRVA Off Mon AM only	
810	KGO On Sun AM only		CKXL Off Sun & Mon AMs	
	WGY Off Fri AM only		WITA S/on weekdays at 4 AM	
	KCMO	1150	KRKD Off Mon AM only	
820	WBAP/WFAA (TT) 24 hours ex Monday Tuesday & Wed AMs		XEJP No Silent Period	
830	WCCO On Sun AM only		KAYO Off Mon AM only	
840	WHAS Off Sun AM only		KANI On daily till 5 AM	
850	WHDH Off Tues AM only		CMCA Off Mon AM only	
	CKVL Off Mon AM only	1160	KSL	
	KILA On daily till 5 AM	1170	HWVA Off Mon AM only	
860	KIKI 24 hours except off Mon at 5 AM		KVVO No Silent Period	
	KONO Off Tues AM only	1180	WHAM (TT) Off Fri AM only	

1190 KLIF Off Mon AM only  
 KEX Off Mon AM only  
 CMK

1200  
 1210 WCAU Off Mon AM only

1220  
 1230 WGOR No Silent Period  
 WCRO Off Sun & Mon AMs  
 KNUZ Off Mon AM only  
 KGFJ Off Mon AM only at 4 AM  
 KGON Off Mon AM only  
 KLAS Off Mon AM only at 3:07  
 CMCO No Silent Period  
 KRIZ On daily till 3:30 AM ex Mon  
 KERO On daily till 4 AM incl Mon  
 WITH Off Mon AM 3 - 5 AM only  
 KLAN On daily till 4 AM, ex off Sun,  
 holidays and mornings after

WMMT

1240 WEDC On all AM every AM  
 KAKE Off Mon AM only  
 WKDA Off Mon AM only  
 KOLD Off Mon AM only  
 KSON Off Mon AM only  
 CJAV On ALL Sun AM only  
 KRNO On Sun till 3:30AM only  
 KSMA On Sun till 5 AM only  
 WMMB  
 KBYR

1250 WEMP Off Mon AM only  
 KTW On Sun & Mon AMs only

1260 CFRN Off Mon AM only  
 WWDC Off Mon AM only  
 KYA Off Mon AM only  
 WNDR Off Mon AM only  
 WDOK On daily till 3:30 AM ex Mon  
 KGIL Off Fri 5-8 AM only  
 XEMF No Silent Period (?)

1270 CHWK On Sundays till 5 AM only

1280 KTLN Off Mon AM only  
 WTCN Off Mon AM only  
 CKDA On daily till 4:05; Off Mon 3  
 KFOX On daily till 4 AM incl Mon  
 KNAK

1290 KOIL Off Mon AM only  
 XEDA On daily till 5:30 only  
 CMCW

1300 WLEX Off Mon AM only  
 WERE Off Mon AM only  
 KROP On daily till 4 incl Mon  
 KOL On daily till 5 ex Mon  
 KWKW On daily till 4  
 KYNO

1310 CKOY Off Mon AM only  
 WKMH Off Mon AM only  
 KFKA Off Mon AM only  
 KWBR Off Mon AM only  
 WCAM Off Tues AM only  
 KLIX On daily till 3:30 ex Mon  
 XEC On daily till 4 AM

1320 KXYZ Off Mon AM only  
 CKNW No Silent Period

1330 KFAC No Silent Period  
 WL0L Off Mon AM only  
 CMCB No Silent Period

1340 KRUX Off Mon AM only  
 KSPO Off Mon AM only  
 KATO Off Mon AM only  
 WHHM Off Mon AM only  
 WRIT Off Mon AM only  
 WKGN Off Mon AM only  
 KORR On daily till 5 AM ex Mon  
 KSET No Silent Period  
 CJOB No Silent Period  
 XEAA Off daily at 4:05 ex Sun 5

1340 WMID  
 KOCY  
 KDUB  
 WBBQ

1350 WADC Off Mon AM only  
 XEQK No Silent Period

1360 KXOL No Silent Period  
 1370

1380 WTSP Off Mon AM only  
 KSBW On daily till 4 AM; off Mon  
 KHON On daily till 5 AM

1390 KCBC Off Sun only at 4:05 AM  
 KSLM Off Mon AM only  
 KGER On daily till 4AM  
 WCSC Off Sun & Mon AMs

1400 KBMI Off Mon AM only  
 KWIN Off Mon AM only at 3:30  
 WELM Off Sun AM only  
 CKFH Off Sun AM only, but carrier on  
 WLOW Off Sun AM; Off Sun at 4:30 AM  
 KDTA On Sun AM only  
 KRE On daily till 3:30; Mon 3:15  
 WJLB  
 KTUC  
 KRPL On Mon thru Fri till 3:30

1410 WING Off Mon AM only  
 CFUN On daily till 4:05 incl Mon

1420 KSTN Off Tues AM only  
 CKOM On Sun AM only till 4 AM

1430

1440 KPRO On daily till 4; ex off 3:05 Mon

1450 WTIK No Silent Period  
 WMFJ No Silent Period  
 WWPB Off Mon AM only  
 WIBM Off Mon AM only  
 KONE Off Mon AM only  
 WROX Off Mon AM only  
 WLEU Off Sun & Mon AMs  
 WINA On Sun AM only till 4 AM  
 KEYY On Sun AM only till 5 AM  
 KORE On Sun till 4:05; daily 3:30  
 WLAY On daily till 4 AM  
 KSAN  
 WJXN

1460 KENO Off Mon AM only

1470 XESM No Silent Period  
 WKMF Off Mon AM only

1480

1490 WTCS Off Mon AM only  
 CJIC Off Mon AM only  
 WLOX Off Mon AM only  
 WHAV Off Mon AM only  
 WOPA Off Mon AM only  
 KBLA Off Mon AM only  
 KTOH On daily till 3:30 AM  
 CMOX No Silent Period

1500 WJBK Off Mon AM only  
 WTOP Off Mon AM only  
 KSTP Off Mon AM only  
 KRRX No Silent Period

1510 WLAC Off Mon AM only

1520 KOMA On daily till 4 AM  
 WKBW Off Mon AM only  
 WWWW S/on weekdays at 4:30 AM

1530 WCKY No Silent Period

1540 KXEL Off Sun AM only  
 1550  
 1560

1570 XERF No Silent Period (Of- days)  
 CHUB On daily till 4:05 AM

1580

1590 XEMC No Silent Period  
 KSJO On daily till 5AM; off Mon AM  
 CMOA

1600 WWRL Off Mon AM only

Radio Broadcast Station

374.8 Meters **KNRC** 500-1000 Watts Capacity


Ocean Park, Santa Monica, California

1-31-1958

We thank you for your expression of appreciation of our Radio Program  
 of 1-2/58 and have conveyed your wishes to the artists mentioned therein.

**KNRC**  
 Owned and Operated by  
**KIERULFF & RAVENSCROFT, INC.**  
 Distributors of  
 CROSLBY RADIO RECEIVERS, BURGESS BATTERIES, CUNNINGHAM TUBES  
 Los Angeles San Francisco

Early verifications received by Eric W. Crusier of Lakehurst, New Jersey.

**KHJ**  **KPRO**

LOS ANGELES, CAL. SAN FRANCISCO CAL.

Don Lee Jan. 12, 1958

We thank you for your communication of recent date and  
 are pleased to verify reception of our program January  
 12, at 1:30 a.m., E.S.T.  
 We appreciate your interest and hope you will write us

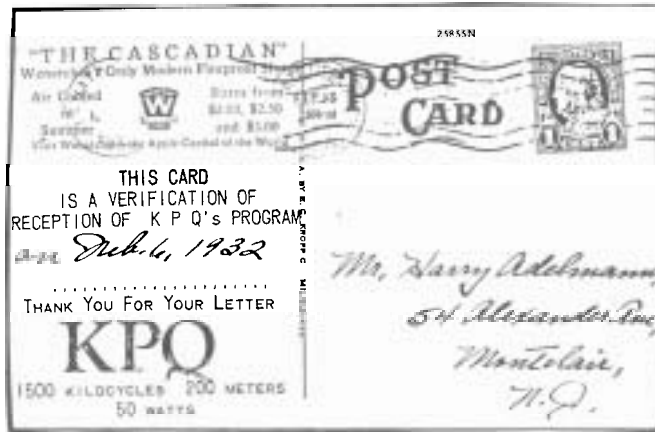
Yours very truly,

K H J  
 Owned and Operated by  
 DON LEE - LOS ANGELES

(Left) KV00-Tulsa used to reply with a sticker, red feather and a small bottle of oil, symbols of their state. (From Dick Cooper)

(Below) Montana State Network Stations sent a copper watch fob and a buffalo sticker, along with nice verie cards and letters.

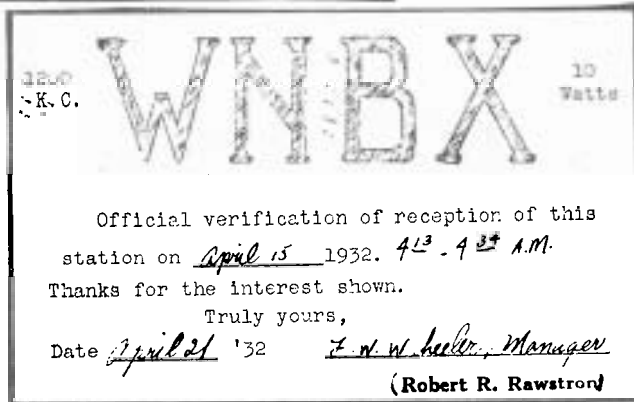




Verifications from Harry Adelmann, Montclair, N.J.

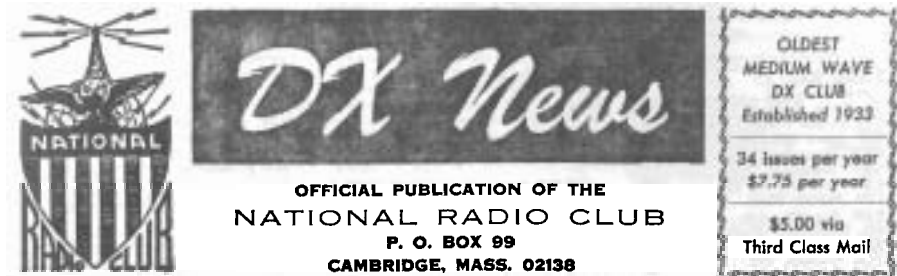
(Left) KPQ, then a graveyarder on 1500, Wenatchee, Washington

(Below) WNBX, in Claremont, N.H.



Proof that excellent DX could be heard well into the 1950's is borne out by Ron Schiller's 1954 verification shown below. From these QSLs, one might believe the only good DXing was in N.J. (hi).

For 36 years, until January 11, 1969, DX News appeared in the mimeograph 8 1/2 x 11 format. The first issues using the photo-offset were 8 1/2 x 7 in size. Due to postage considerations, the size was soon changed to the present 8 1/2 x 5 1/2. The January 13, 1968 cover is shown below.



VOLUME 35, NUMBER 14 January 13, 1968

**DUES INCREASE REVISITED ...**

Effective February 1st, per announcement last issue, dues have been increased to \$10.00 first class and \$7.50 third class. We note with interest a post office announcement that within the next two years, all first class mail will be sent out via air mail, as some now is. Headquarters has been gratified by the response so far, which has (surprisingly) all been favorable. All, at least, that we have received. Typical is the note from Bill Hutchinson, which was written part before and part after receipt of the January 6th bulletin. Bill types: "With Broadcasting Yearbook now selling for \$10.00, why not print addresses of stations in DX News once a year, plus supplements, then raise DX News to \$10 and make it all first class? Go first class. It's a first class club and it deserves first class mailing." Then, Bill has written free hand: "Your bulletin arrived today and incorporated the above idea. Bravo!!!" Jerry Starr writes "The entire 1/6 DX News was the best I've ever read, and if all issues could be as interesting as this one, I'd gladly pay twice \$10.00." Headquarters is not so euphoric as to believe that the 100% favorable comment will continue, but it's nice while it lasts. Thanks! - JAC

**DX CALENDAR ...**

Sat January 20	WMCS	Machias, Maine	1400 kc.	1000/250 watts	0000-0030 EST	NARC
Mon January 22	WILI	Williamantic, Connecticut	1400	1000/250 watts	0130-0300	NARC
	WPHN	Liberty, Kentucky	1560	250	0300-0330	NRC/test
	KAPS	Mount Vernon, Washington	1470	500	0300-0500	IRCA/test
	KOPY	San Mateo, California	1050	1000	0300-0n	IRCA/test
Fri January 26	KIBE	Palo Alto, California	1220	5000	0300-on	IRCA/test
Mon January 29	KRRR	Roseburg, Oregon	1490	1000/250	0300-0400	IRCA
Sat February 3	KIRV	Irvine, Kentucky	1550	1000	0100-0130	NRC/IRCA/test
Mon Feb 5	KOFO	Ottawa, Kansas	1220	250	0300-0400	NRC/test
Thurs February 8	WTSN	Dover, New Hampshire	1270	5000	0200-0300	NARC
Tues February 13	WSAJ	Grove City, Pennsylvania	1340	100	0230-0300	NRC

**DETAILS ...**

**WMCS** -- A very rare graveyarder will broadcast a special test on this crowded channel for the NARC. It will be a difficult logging, but should make it into some Northeast locations. Reports go to Winston D. Chapman, President and General Manager, 12 Cooper St., Machias, Me. 04654 (Roger Greene)

**WILI** -- Reports for this special program for the NARC go to Michael C. Rice, Chief Engineer, WILI, P.O. Box 498, Williamantic, Conn. 06226. (John Tweedie)

**WPHN** -- Mr. Carlos Wesley, manager, has notified NARC'er Dave Whatmough of a test broadcast to be conducted this date. Mr. Wesley would appreciate hearing from NARC'ers on how his signals are heard across the country. Address: P.O. Box 378, Liberty, Ky. 42539. (Dave Whatmough)

**KAPS** -- program will include light and hard rock. Chief Engineer Dave Hebert says "I would like very much to receive calls (Prepaid) at (206) 424-1322 and (206) 424-6185 to let me know from time to time how we're coming in." Reports to Mr. David P. Hebert, CE, KAPS, Box 70, Mount Vernon, Washington 98273. (Jon Parkins)

**KOPY & KIBE** -- Will both test via a special conducted by Western Broadcasting Services. Reports to the individual stations' engineers. (Frank Kennedy)

**WSAJ** is a good one. It's regular schedule consists of five hours per week. There'll be more details on this exceedingly rare DX Test. Hope everyone will be able to get same, and thanks for phoning in the information thereupon, Jerry Starr.

1340 ON YOUR DIAL

**KPKW**

A WESTERN RADIO CORPORATION STATION

PASCO, WASHINGTON

March 7, 1954

AMERICAN BROADCASTING COMPANY

"The Voice of the Tri-City Area"

Ron B. Schiller  
Avenel, New Jersey

Dear Ron:

This is to acknowledge and thank you for your reception of KPKW's DX program on December 28, 1953.

Regards,

*Walter Mott*

Walter Mott CE

Mimeographed issues were usually limited to 20 pages. Editor of the above issue was John Callarman.





Numerically by Kilocycles

Stations in each frequency having same prefix share time. Lightface type in power column denotes daytime.

Table with columns: Station, Location, Power, Station, Location, Power, Station, Location, Power. Includes entries like WBIA Madison, Wis., WJBI Red Bank, N. J., WJBY Gadsden, Ala., etc.

1200 kc.

Table listing stations at 1200 kc, including KBTM Paragould, Ark., KFHA Gunnison, Colo., KFJB Marshalltown, Iowa, etc.

1140 kc.

Table listing station KWY at 1140 kc, Chicago, Ill.

1130 kc.

Table listing stations at 1130 kc, including KV00 Tulsa, Okla., WAPI Birmingham, Ala., etc.

1120 kc.

Table listing stations at 1120 kc, including KFJG Los Angeles, Calif., KGFK Hallock, Minn., KGH Little Rock, Ark., etc.

1110 kc.

Table listing station KMOX at 1110 kc, St. Louis, Mo.

1100 kc.

Table listing stations at 1100 kc, including KGDM Stockton, Calif., KSOO Sioux Falls, S. Dak., etc.

1090 kc.

Table listing stations at 1090 kc, including KSL Salt Lake City, Utah, WJJD Chicago, Ill.

1080 kc.

Table listing station WTAM at 1080 kc, Cleveland, Ohio

1070 kc.

Table listing stations at 1070 kc, including KJBS San Francisco, Calif., KRLD Dallas, Texas, etc.

1180 kc.

Table listing stations at 1180 kc, including WWOV Fort Wayne, Ind., WVVVA Wheeling, W. Va.

1060 kc.

Table listing stations at 1060 kc, including KWJJ Portland, Ore., WBAL Baltimore, Md., etc.

1050 kc.

Table listing stations at 1050 kc, including KFKB Milford, N.H., KNX Hollywood, Calif., etc.

1040 kc.

Table listing stations at 1040 kc, including WBT Charlotte, N.C., WCBZ Zion, Ill., etc.

1030 kc.

Table listing stations at 1030 kc, including CFCE Montreal, Que., CJOR Sea Island, B. C., etc.

1020 kc.

Table listing station WHAS at 1020 kc, Louisville

1010 kc.

Table listing stations at 1010 kc, including CFCL Prescott, Ont., CKCR Waterloo, Ont., etc.

1000 kc.

Table listing stations at 1000 kc, including KFVD Culver City, Calif., WOC-WHO Des Moines, Iowa, etc.

990 kc.

Table listing stations at 990 kc, including WBZ Springfield, Mass., WBZA Boston, Mass.

980 kc.

Table listing station KDKA at 980 kc, Pittsburgh, Pa.

970 kc.

Table listing stations at 970 kc, including KJR Seattle, Wash., WCFE Chicago, Ill.

960 kc.

Table listing stations at 960 kc, including xCFER Regina, Sask., CFCY Charlottetown, P. E. I., etc.

Numerically by Kilocycles

Stations in each frequency having same prefix share time. Lightface type in power column denotes daytime.

Table with columns: Station, Location, Power, Station, Location, Power, Station, Location, Power.

950 kc.

Table listing stations at 950 kc, including KFVB Los Angeles, Calif., KGHL Billings, Mont., etc.

940 kc.

Table listing stations at 940 kc, including KGU Honolulu, Hawaii, KOIN Portland, Ore., etc.

930 kc.

Table listing stations at 930 kc, including CHNS Halifax, N. S., CKIC Wolfville, N. S., etc.

920 kc.

Table listing stations at 920 kc, including xKFEL Denver, Colo., xKFXF Denver, Colo., etc.

910 kc.

Table listing stations at 910 kc, including xCFQC Saskatoon, Sask., xCJGC London, Ont., etc.

900 kc.

Table listing stations at 900 kc, including KGBU Ketchikan, Alaska, KHJ Los Angeles, Calif., etc.

890 kc.

Table listing stations at 890 kc, including CFBO St. John, N. B., CKCO Ottawa, Ont., etc.

880 kc.

Table listing stations at 880 kc, including xCHCS Hamilton, Ont., xCHML Hamilton, Ont., etc.

870 kc.

Table listing stations at 870 kc, including WENR Chicago, Ill., WLS Chicago, Ill.

860 kc.

Table listing stations at 860 kc, including KFQZ Los Angeles, Calif., KMO Tacoma, Wash., etc.

850 kc.

Table listing stations at 850 kc, including xKWKH Shreveport, La., xWVL New Orleans, La.

840 kc.

Table listing stations at 840 kc, including xCFCA Toronto, Ont., xCHCT Red Deer, Alta., etc.

830 kc.

Table listing stations at 830 kc, including KOA Denver, Colo., WHDH Boston, Mass., etc.

820 kc.

Table listing station WCAU at 820 kc, Philadelphia, Pa.

810 kc.

Table listing stations at 810 kc, including WCCO Minneapolis, Minn., WPGH New York, N. Y.

800 kc.

Table listing stations at 800 kc, including WRAP Fort Worth, Texas, WFAA Dallas, Tex.

790 kc.

Table listing stations at 790 kc, including KGO San Francisco, Calif., WGY Schenectady, N. Y.

780 kc.

Table listing stations at 780 kc, including xCKY Winnipeg, Man., xCNRW Winnipeg, Man., etc.

770 kc.

Table listing stations at 770 kc, including xKFAB Lincoln, Nebr., xWBBM, xWJBT Chicago, Ill.

760 kc.

Table listing stations at 760 kc, including KVI Tacoma-Seattle, Wash., WEW St. Louis, Mo., etc.

750 kc.

Table listing station WJR at 750 kc, Detroit, Mich.

740 kc.

Table listing stations at 740 kc, including KMMJ Clay Center, Nebr., WSB Atlanta, Ga.

730 kc.

Table listing stations at 730 kc, including xCHLS Vancouver, B. C., xCHYC Montreal, Que., etc.

720 kc.

Table listing station WGN at 720 kc, Chicago, Ill.

710 kc.

Table listing stations at 710 kc, including KMPC Beverly Hills, Calif., WOR Newark, N. J.

700 kc.

Table listing station WLW at 700 kc, Cincinnati, Ohio

690 kc.

Table listing stations at 690 kc, including xCFAC Calgary, Alta., xCFGN Calgary, Alta., etc.



**Numerically by Kilocycles**

Stations in each frequency having same prefix share time. Lightface type in power column denotes daytime.

Station	Location	Power	Station	Location	Power	Station	Location	Power
<b>680 kc.</b>			<b>610 kc.</b>			aKSAC	Manhattan, Kans.	1000-500
440.9 Meters			491.5 Meters			aWIBW	Topeka, Kans.	1000-500
KFEC St. Joseph, Mo. .... 2500			KFRC San Francisco, Calif. .... 1000			WOBU	Charleston, W. Va. .... 250	
KPO San Francisco, Calif. .... 5000			WDAF Kansas City, Mo. .... 1000			WASAZ	Huntington, W. Va. .... 250	
WPTF Raleigh, N. C. .... 1000			WFAN Philadelphia, Pa. .... 500			WTAG	Worcester, Mass. .... 250	
<b>670 kc.</b>			WFIP Philadelphia, Pa. .... 500					
447.5 Meters			WJAY Cleveland, Ohio .... 500					
WMAQ Chicago, Ill. .... 5000								
<b>660 kc.</b>			<b>600 kc.</b>			<b>570 kc.</b>		
454.3 Meters			459.7 Meters			526.0 Meters		
WAAW Omaha, Nebr. .... 500			CFHM Iroquois Falls, Ont. .... 250			KGKO	Wichita Falls, Tex. .... 500-250	
WEAF New York, N. Y. .... 50000			CJRM Moosejaw, Sask. .... 500			KMTR	Los Angeles, Cal. .... 500	
<b>650 kc.</b>			CJRW Fleming, Sask. .... 500			KXA	Seattle, Wash. .... 500	
461.3 Meters			CNRO Ottawa, Ont. .... 500			aWEAO	Columbus, Ohio .... 750	
WSM Nashville, Tenn. .... 5000			KFSD San Diego, Calif. .... 1000-500			aWKBW	Youngstown, Ohio .... 500	
<b>640 kc.</b>			WACAO Storrs, Conn. .... 250			LWMAC	Cazenovia, N. Y. .... 250	
468.5 Meters			WCAO Baltimore, Md. .... 250			xWMCMA	New York, N. Y. .... 500	
KFI Los Angeles, Calif. .... 5000			WWSYR New York, N. Y. .... 500-250			xWNYC	New York, N. Y. .... 500	
WAIU Columbus, Ohio .... 5000			WMT Waterloo, Iowa .... 500			bWSYR	Syracuse, N. Y. .... 250	
WOI Ames, Iowa .... 500			WLAN Lawrenceburg, Tenn. .... 500			WVNC	Asheville, N. C. .... 1000	
<b>630 kc.</b>			WREC Memphis, Tenn. .... 1000-500					
475.9 Meters								
CFCT Victoria, B. C. .... 500			<b>590 kc.</b>			<b>560 kc.</b>		
CJGX Yorkton, Sask. .... 500			508.2 Meters			535.4 Meters		
CNFA Moncton, N. B. .... 500			KHQ Spokane, Wash. .... 1000			KFDM	Beaumont, Texas .... 1000-500	
*KFRU Columbia, Mo. .... 500			*WEAL Lincoln, Nebr. .... 500			KLZ	Denver, Colo. .... 1030	
*WGBF Evansville, Ind. .... 500			WEEL Boston, Mass. .... 1000			KTAB	San Francisco, Calif. .... 1000	
WMAI Washington, D. C. .... 500-250			WEMC Berrien Sprgs., Mich. .... 1000			*WEBW	Madison, Wis. .... 500	
*WOS Jefferson City, Mo. .... 1000-500			*WOW Omaha, Nebr. .... 1000			*WFI	Philadelphia, Pa. .... 500	
<b>620 kc.</b>						*WIBO	Chicago, Ill. .... 1500-1000	
483.6 Meters			<b>580 kc.</b>			WLTI	Philadelphia, Pa. .... 500	
KGW Portland, Ore. .... 1000			516.9 Meters			WNOX	Knoxville, Tenn. .... 2000-1000	
KTAR Phoenix, Ariz. .... 1000-500			xCHMA Edmonton, Alta. .... 250			WQPC	Chicago, Ill. .... 500	
WFLA Clearwater, Fla. .... 2500-1000			xCJBC Toronto, Ont. .... 500			WQAM	Miami, Fla. .... 1000	
WLZB Bangor, Me. .... 500			xCJCA Edmonton, Alta. .... 500					
WWSUN St. Petersburg, Fla. .... 2500-1000			xCJSC Toronto, Ont. .... 500			<b>550 kc.</b>		
WTMJ Milwaukee, Wis. .... 2500-1000			xCJCL } .....			545.1 Meters		
			xCJCF } Toronto, Ont. .... 500			xKFDY	Brookings, S. Dak. .... 1000-500	
			xCJCN } Toronto, Ont. .... 500			xKFUO	St. Louis, Mo. .... 1000-500	
			xCJCUA } Edmonton, Alta. .... 500			xKFYR	Bismarck, N. D. .... 1000	
			xCNRE } Edmonton, Alta. .... 500			KOAC	Corvallis, Ore. .... 1050	
			KGFX } Pierre, S. Dak. .... 200			xKSD	St. Louis, Mo. .... 500	
						WGR	Buffalo, N. Y. .... 1000	
						WKRC	Cincinnati, Ohio .... 1000	

**BROADCASTING STATIONS CUBA AND MEXICO**  
ALPHABETICALLY ARRANGED BY CALL LETTERS

Station	Kilocycles-Meters, Location and Owner, Power	Readings
CMC	840-356.9 Havana, Cuba Cuba Telephone Co. .... 350	
CM1	787-376 Havana, Cuba Instituto Provincial .... 300	
CMK	736-410.7 Havana, Cuba Cuba Broadcasting Corp. .... 5000	
CMW	600-499.7 Havana, Cuba Distrito de Marianas .... 1000	
CM2HP	1428-205.4 Havana, Cuba C. W. Voz de Cristo .... 200	
CM2J	877-342.5 Havana, Cuba Francisco Lavis .... 250	
CM2OK	807-822.8 Havana, Cuba M. G. Velez .... 100	
CM2UF	1318-228.9 Havana, Cuba Radio Voz de Cristo .... 100	
CM2WX	836-748.7 Havana, Cuba Bijagal Troncoso .... 150	
CM2XA	1300-230.6 Havana, Cuba Luceola Mendez Co. .... 200	
CM5EV	837-380 Colon, Cuba Leydielo V. Figueroa .... 100	
CM6BY	1150-200.7 Cienfuegos, Cuba Jose Gaudioso .... 200	
CM6KW	815-368 Tallahassee, Cuba T. H. Jones .... 100	
CM6LO	926-325.5 Cienfuegos, Cuba M. A. Alvarez .... 250	

Station	Kilocycles-Meters, Location and Owner, Power	Readings
XEA	1200-249.3 Guadaluajara	100
XEB	885-335 Mexico City El Surco Temo	1000
XEE	960-312.3 Puebla	100
XEF	1130-265.3 Oaxaca	100
XEH	160-311 Monterrey	100
XEI	1000-290.8 Morelia	100
XEN	736-410.7 Mexico City General El. Co.	1000
XES	1200-249.3 Lorde	150
XEX	920-325.5 Mexico City Excelsior Cia Editorial	500
XFC	630-470.9 Salapas	250
XFF	920-325.5 Chihuahua	250
XFG	582-587 Mexico City Garcera	2000
XFI	590-508.2 Mexico City Departamento Industriales (Gov.)	1000
XFX	815-325.5 Mexico City Mexican Rally News	1000

**MUSINGS**

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

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

PAUL MOUNT - 507B Carman Hall - Columbia U. - New York, N. Y. - 10027 212-280-6925  
One doesn't have to live near Youngstown to attend the annual Youngstown Area DXers QTY held at Jerry Starr's home. I boarded a Greyhound Bus @ 8am Fri. 11/4, still not quite believing I was going. Our bus stopped in Bristol, Pa., then Philadelphia. 990 has been WZZD "Wizzard 100" since at least 10/31. They sound a lot like WENC. After that, stops in Breezewood, Monroeville, & Pittsburgh. A second bus to Youngstown, in @ 7:55pm. George Greene picked me up, & we went to Starr's. Early arrivals were Alan Merriman from Fairfax, Va. and Ed Krajny from Middleburg, Heights, Ohio. Later John Sillman, Frank Merrill, and Gary Siegel arrived. The turnout may have been small, but it was fun (playing Hearts) anyway. I stayed at George's with Frank & Gary. Saturday George, Dave Grim & I went to Pittsburgh in search of 96-KX's Blake Lawrence. We didn't find him, but I did get to see Pittsburgh & WLOA Braddock. Back to Starr's that night. Sunday morning I did some DX in Akron & had KFGO-790 Fargo w/c w 3:09-3:17am, an unusual catch per Ohioans Frank & Gary; CHIC QRM. Sunday I got a tour of Akron & saw many XR sites. I saw ex-NRCer John Sally Sunday night & went to his place in Strongsville, Ohio, not too far from a lot of XRs. We went to Cleveland Monday. I was amazed at hearing WNBC, WABC, WCBS, WZL on his car radio @ 3:50pm 11/7 at Lake Erie in Willowick. I met ex-NRCer Tim Davison Monday night; he's back at WCUE from Q-105 in Tampa. We had a good time there. A bit of DX from John's 11/8 found WHBQ-560; KFI-640; WDW-590 around 3 am. Dave Grim has a five-sided loop, competition for the Wedge & Boxloop, hi. Thanks to these fine DXers of NRC fame for their kindness, etc., friendship through DXing!

MARK CONNELLY - 52 Amsden Street - Arlington, Massachusetts - 02174

I've often wondered if anyone has established a "listeners' club" as opposed to a DX club. I listeners' club would still cover DX, but to a more limited extent. Such an organization would delve into greater discussion of programming content, radio personalities, and variations in popular music from one area to another. This would include survey charts from several U.S., Canadian, British, & Australian stations. Exchanges between members would be encouraged: this would entail swapping of programme tapes, DX tapes, car stickers, SCs, news paper radio sections, CMs, etc. The main thrust of the club would be the free exchange of ideas pertinent to the arts of radio programming & engineering. Through tape exchanges, DJ's & program directors in New York could be made aware of the work being done by their counterparts in San Francisco or London. Ratings charts for different cities might be a periodic feature. The listeners' club could be AM only or AM & FM; it would complement, not compete with, existing DX clubs. Through occasional DX articles, the club could introduce the concept of DXing to people involved in radio programming & station operation who would not be otherwise inclined to join a radio club. An attempt to act as a liaison between DX clubs and broadcast professionals would be made: this would not be a "gripe sheet" with witless poetry & chicken drivl about pests, AN/NSP stations, notorious non-verifiers, & other issues where DXers find themselves at odds with the goals of broadcasters and the needs of the audiences being served. The club, however, should consider legitimate criticisms of poor technical quality of signals: excessive splatter, parasitics, drifting, poor audio, sloppy record & tape cueing, etc. Hopefully the image of the DXer as a positive asset to broadcasters will be played up; improved verification policies would have a common forum to air their opinions; perhaps the listeners' club could even be of use to the FCC & other communications authorities. I'd be interested to know if such a club exists or if anyone is trying to start one. 73 for now & Happy New Year.

DOUG ALLEN - Apt. 64 - 15 Lafayette Street - Schenectady, New York - 12305

The first three weeks of November brought a new state, a new country, a new RX, & 70 new stations! My goal of 500 stations for this Winter season was exceeded with the addition of four new ones Nov.22 AM. I'm moving my goal up to 600 & will probably cease & desist when I reach that goal in order to catch up on a few things, including sleep! As a marathon runner I need at least eight hours' sleep a night in order to run ten miles a day. My new RX, responsible for most of the new ones, is the TRF, an exceptional portable. In comparisons with my HQ-180 and SM-2 I find the TRF almost as sensitive, but with inferior selectivity and overload rejection, though still good. The TRF is superior to the other combo in nulling ability and in convenience of operation. Also, the TRF's audio is excellent, better than my other set up even when using earphones. In general, I use the HQ180 for splits and the TRF for everything else. The new country was Surinam-725 first noticed on Oct. 31 & IDed on Nov. 15 with signal peaking 25db over noise. Other stations heard 11/15 under AU CX included R. Nacional de Colombia-680 with Big Ben sound & ID @ 8pm. Other new ones were R. Melodia-730, Ondas Portenas-640, & R. Rumbos-670. Other foreign DX was Sudan-764, with good signal @ 2:07 11/2 with man in AA. UnID SS include La Voz de ??? a couple of hundred heard off 1170 on Nov. 7; an SS sports event on 890 11/14, a tentative R. Sutatenza-960 11/15 & very weak SS-1205. Keep it up! I will catch up on domestics next week. 73.

O.K., KIDS - WE NOW GO BACK TO THE ALREADY TRADITIONAL MONDAY PROVINCETOWN DEADLINE! MUSE!

MIKE HEPPE - Box 7 - Houston, Mississippi - 38851

When is the f/c list coming out? I pick up WHBB test Nov. 26. If the headquarters needs typing done, let me know. I have some free time on the weekends. I will be glad to help. On my R-392, I get bets on 490, 527, 529, 765, 775, 787, 876, 925, 945, 965 & 1225 kc/s. That is with all TV off & @ 1:30-3:30am. If you think that Musing is a hard thing to do, well it isn't. Just say what you feel like saying. The method I use is, every night or whenever, put whatever you think down on the paper. Then later, elaborate more on what you have on paper. That Thanksgiving Dinner with the pumpkin and pecan pie was scrumptious. By the time you read this, it will be Christmas. I hope I get something useful. I got an ARRL network directory last week. I hope that NRC will get a listing. I am still working piece by piece on my frequency counter. Maybe I can get it completed by the frequency measuring portion of the DX contest. I like to fell over when I came home from work. My brother from Texas was here, with a gift to the family, a new 19" color TV. Now I can watch the old black & white "good" movies on a color TV. Now, I'm tearing out shelves in my room to find me more room for freedom of movement. If you need any shelves, go to the local grocery store & get some of those sturdy plastic milk cases and stack them in any combination you want. Hank Wilkinson, on your SP-600 what is your receiver log listing for 540? If your setting is the same as mine, I might have you a new DX listing. Whenever you look at it, be sure to zero beat your 540 station at .2kc/s selectivity. Anybody else who has an SP-600 please do the same. I might have a new country for you. Be sure to Muse to Ernie & please give the log number in the Musing. According to AM Switch (few issues back) WSWG-1540 has been told to be off the air by a certain date, I can't remember. The license was denied. The station is still on the air, what goes on. I have radio car tags to swap for whatever. I was listening to 1490 and Tupelo was booming in. I turn the LW on & completely got rid of Tupelo and Philadelphia, Miss. came in. That antenna is amazing. I have 200 more CB QSLs to give away in 50 card lots. I picked up R. Omega-575 on Nov. 27 with no difficulty.

BILL COLEMAN Jr. - 114 Circle Drive - Rocky Mount, N.C. - 27801 - 1-919-443-7282 WDX4DNO  
DX has been kind of down here too, almost zilch! I tried for the WCEW-1520-TEST but WKEW was too strong for me to hear it. Can anybody confirm that WEEZ, Chester, Pa. is now WQIQ? (They have been for over a year now, Bill - ERC) I heard WHOO-990 test on 11/14. They sent v/l, CM, photo of the tower site. Has anybody received a verie from the WCAZ TEST yet? Kind of slow getting here, another copy sent. Also another slow one is WEYY-1580, & WEZQ-1550. If anyone needs a verie out of WDNC-620, the CE is a personal friend. Let me know & I will pass it along. I just bought a used HQ-180 with clock, so maybe DX will pick up soon. So now I use two Hammarlunds, Super-Pro, & the HQ-180. I may be going out to the WC sometime in January '78 for a little vacation. DX should be interesting out there in L.A. I'll probably be gone 4-5 weeks or longer; depends on if I get a job. 12/5- No sign of the WMTR-TEST yet. I've been monitoring on one RX while tuning around on my HQ-180, so probably it will show next MM. Too much WRVA & hetrodyne from the Cuban jammer on 1140 to try for KLUC. UnID weak tester on 1580 @ 1:15. I've been noticing that CHIC is dominant on MMs on 790, along with WMC down under. Also R. Clarin-860, is very distorted here on the modulation, but dominant. Ex-WGPR has been back on the air with phone calls, etc, using different call sign, and a Manhattan-New York phone, 212-399-????, same frequency, 1620k. I will exchange cassettes with anyone, anywhere. Foreign correspondence is most welcome any time. My DX Chat Line is still open, calls prepaid, from 10pm to 3am EST. I appreciate any tips, etc. Peace. 73

THOMAS H. BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D. C. - 20020

We did want to try and get our first Muse of the season in in time to extend the Season's Greetings to one & all, so here goes with a quickie. We finally got some smart and retired in April, spending most of our time now trying to tape previous loggings. No luck again on the KLUC TEST, & we need this one badly. I didn't check very long for WMTR as we have him veried from the TEST in October '75 but would like to get him on tape. We've sent Chuck the details on my unID Cuban on 1213 (plus or minus) heard late on the 4th, & again this morning signing on @ 5:29. Other recent things include 12/3 @ 10:27pm, taping of Panama's R. Ondas Tropical on 1197. 12/2, 12:30am on 1480 brought us a newie in WRDW, Ga. Still on 1480, @ 12:38am another new taping on WHBC, O. & @ 1:35 on 1240 a taping of WRGV, Va. At 3:30 am I taped the f/c of WENT-1310, another newie. Earlier, still 12/2 @ 2:21am I had an unID carrier on 1501, faint patch of mx, but too weak to do anything with. On 11/29 we did catch Dave Schmidt's WCEW thing starting w/CIDs @ 12:47am & a real good VID completely in the clear @ 12:54am. It does pay to be like a good doctor, and have a lot of patients, don't it? For example, the much-needed WNHV-910 Vt. TEST 11/23. We started listening for him at midnight but WKEW nearly put us to bed. (?? -ERC) Lo & behold, @ 2:13am they started sneaking through & @ 2:22 he owned the frequency briefly for a real fine taping. I also got a tape of WQAF, Ga. during this period. Who might the station on 1030 u/WTIC be, announcing "contemporary music" @ 10:14pm 11/24? On Nov. 26 a taping of Barcelona, Spain on 737 @ 10:53pm, first time heard on this frequency for us. Nov. 27 @ 12:48am on 760+ brought us what we believe was Barranquilla, Colombia. He was on 760.5 if I wasn't reading the spots on my glasses! I see we are nearing 30 so I will close for now. I had hoped to make LINCOLN, but after our annual July trip to Minnesota we were prevailed upon to pay a visit to my sister and her husband in California, so LINCOLN was out. Maybe next year in Atlanta? Well, to all the NRC family, a very Merry Christmas and a Happy New Year to all.

ONE WAY OF RETAINING THE GOOD WILL OF STATION PERSONNEL IS TO SEND THEM A THANK-YOU CARD AFTER THEY SEND YOU A VERIE. YOU SHOW THEM YOU APPRECIATED THEIR TIME AND COURTESY. WHILE IT'LL NOT AFFECT YOU PERSONALLY ANY LONGER, IT WILL GO A LONG WAY TO PERPETUATING THEIR FRIENDSHIP FOR OTHER DXers AND FOR THE NATIONAL RADIO CLUB! MAY WE HAVE A MUSING FROM YOU, PLEASE?

JIM WALLACE - 4719 East Broad Street - Apt. D - Whitehall, Ohio - 43213

This morning was the pits for DX with storms making December sound like July. I did get one new station this 12/5 - WJAR-920 with a jazz show. That's my first R.I. station from this location, so it made the night worthwhile. Interesting DX since last Muse includes CKJD-1250. On 11/4, I got home from work & gave the band a quick check. I didn't think I was going to find anything interesting until I happened to be on 1250 and heard "Hi! This is John Keel, program director of CKJD." It went on to say that CKJD was now the "New 1110", it told how to find it, and gave several phone numbers. The same announcement repeated continually every minute or so. So I sent a report off to CKJD, hoping to be one of the last DXers to verify it on 1250. Ten days later, I received a large envelope w/a CKJD-1250 folder bumper sticker, CM, & a nice letter from Ron Sibbitt, the CE & an NRC member, thanks Ron! He said they signed the 1250 frequency off forever @ 9am 11/4, just seven hours after my reception! So I may have the last verie for CKJD-1250. I haven't received them on 1110 yet. Ron said they're very directional N at night. Speaking of nice veries, try WIZO-1380, Franklin, Tenn. They sent a short letter, but included two WIZO pencils, maybe so I could write more reports? DXers Pat Flanagan, Dave Hammer, & George Greene visited me at WSYX on 11/20. George, who has visited many stations, said WSYX is in the running for dumpiest station he's seen. I'm just biding my time until I find something better - and that could be just about anything. Best of DX to all and to all, a good night.

JERRY STARR - WSRD-FM - Youngstown, Ohio - 44505

Greetings again. First of all, thanks to all who made it to YAD this year. Although the turnout was somewhat small, the 15 who made it had a good time with the traditional DX talk, card games and the beer smorgasbord, serving over 40 different brands. In addition Gary Siegel, Frank Merrill, Alan Merriman, Ed Krejny, Harry Waldron, Dick Troyer, Dave Grim, & Bob Hlivak who set a new YAD distance record; he's from Redondo Beach, California! Next time we'll have to go back to the traditional holiday weekend since many said a two-day weekend was not enough time to get away from work/school, etc. ERC's mention of WRVA still using this call evidently came from an error in another Muse in the 12/5 DX NEWS that said they were changing to WKIE. Actually this is the new call for WRGM-1540 in Richmond. 12/5, I was snowed in, so got a chance for some SSS DX. At 5:13 WJOR-940 was heard with s/off & SSB; WLFA-1590 atop WAKR @ 5:30 s/off, closing with jingle "We believe in America; we believe in you." WEYY-1580 loud with 5:45 s/off mentioning the new 2,500w. Then @ 5:49 WKXA-900 (ex-WOME) in Brunswick. Me. was heard very loud atop CHML w/FM programming & spots with "Stereo 99" jingles & c/w until 5:52 fadeout; musta forgot to turn the AM XR off, wonder if they'll verify? Recent veries from meager DX: WJLK, KGJJ, & WNEY, all v/l. Anybody get a verie from WAEN-1590-TEST yet? 73 and good DX!

JOHN S. BOWKER - 327 Brandt Hall - Valparaiso, Indiana - 46383

Hi gang, it's time for the long-lost DXer from the North country to report in from the drift - that's drift, not draft! Anyway, to re-intro, for the new season, I'm 21, single, & a Senior Journalism/Political Science Major here at Valpo-Rain-Snow, Windiana. Recent DX has been rather limited thanks to school, and odd shifts at WAKE-1500 & FM affiliate WLJE-105.5, and early morning on WVUR-89.5 FM, the ten-watt super power of Valpo! WCAZ-TEST came in poorly up here (about 50 miles from WLS). KLUC-TEST of 12/5, may have been on, WRVA was all over the central 11's, & I went to bed. TT heard on 1250, but no IDs surfaced under 12/5 TEST from WMTR. WAKE will be doing another PoP some time in the near future, exact date unknown. If you happened to miss the one we did 3/21/77, write me & I'll see what I can do to get the date well ahead of time & get another feather in the cap of the NRC CPC. Otherness, I am interested in hearing from any of the members who have run a trivia competition on the air. I have tried several different attempts and there have to be better ways! I am willing to share my ways, in exchange for yours. Other otherness, recent unns', but bizarre enough to report: KNBR-680 every night this week! WMT-600 late afternoons all week; CBK o/u KEWA w/ID @ 10pm 12/7; KSD w/WKRC w/WGR (550 was busy) all AM 12/8. I leave you with this thought: The TRF is a Terrific Radio Friend! (clever, huh?) Frees and Apes.

PHILIP BOERSMA - 15570 Cleveland - Spring Lake, Michigan - 49456

Time for a Musing! I'm long overdue. My DX has been nil, due to the fact that I'm working two jobs - full-time at a local gas station, and part-time (weekends & holidays) at WGHN-1370 and its FM affiliate, WFMG-92.1. My airshifts are: Saturdays 6-9am on WGHN & WFMG (simulcast), & Sundays 6:30pm-midnight on WFMG. To get to a question that I know Ernie will ask - a WGHN TEST is not too good of a possibility right now. The CE is also the Morning Drive Time DJ, & he must be up by 5am. Thus, he doesn't test for anything, unless he has to. WGHN's PoP will be held some time in May though, & the CE says I can help him with this, so maybe I can throw in a bunch of IDs during the Test. Also, in case Ted Fleischaker has not yet printed this in the bulletin: WGHN's r/c is held the first Saturday morning of each month, from 12:15am to 12:30. This may change soon, though, because the frequency check company that we use is opening a local branch in Grand Rapids, and thus could check our frequency during regular operating hours. Welcome to new member Jack Faulkner of Rockford. Everyone have a Merry Christmas and a Happy New Year (and a Happy Chanukkah too!). 73s.

JEFF COHEN - 1110 Tanbark Lane West - Jackson, Michigan - 49203

Greetings! I decided to Muse at the advice of another Michigan DXer. Nothing is really happening here; I did get the WAEN-1590-TEST very well, with an incredible signal. I tried to DX SSS, which was super last year, & for some reason, there's nothing! I can't figure it out. I tried different radios, but it seems like somebody threw a blanket (continued)



(Cohen, con'd.) on the house. This has been going on for weeks. Sometimes at night I can't even get the Bruins' games on NEZ. Now that's terrible! What would change CX from great one year to the worst the next year? I just don't know. I'll keep trying though. No veries have struggled in for the last five months. I took my novice exam today, and my examiner assured me that I passed. I hope so. I will Muse, and include my letters when I get them. As 7" of snow falls on Jackson, I wish you all a good season, and holiday. 73s.

RICK CARR - 208 1/2 West Graham Street - Bloomington, Illinois - 61701

Listening has been too infrequent lately due to poor CX. Only stations logged since last Muse have been: 11/17- WJOE-1080 2:23am w/test (tentative), report sent, though. 11/18- KWOO-1560 6:24pm, KGBC-1540 6:33pm. 11/21- KRBB-1560 3:01am w/test. 11/28- WCHE-1520 12:16 w/TEST. 12/1- KPOF-910 2:20am w/religious program. Veries in since last Muse have been from: WOOA, KCII, KVET, WEYI, WHIC, WCNW, KCUZ-AZ for test, KFSA, WJMT, WJWJ, CJME, WGST, WPRS, WFMB, FKGQ, KWAM, WKYR, WQCM, KVNU-TEST, WSGN, CKNS, KMTX, KZNG, KTKO, WCOH, WERE, KKLL, TOMY, R. Antilles-740, HCFPA2 (also sent pennant) & WTRU, all sent v/l's. TIFC, TIAC, & R. Trinidad sent cards. I also received a verie from CHMM, an FM station that relayed their program over CJRL-1220, Kenora, Ont. I sent a report to CJRL in hope of their official verie. In response to Kelly Andrews' 12/5 Muse, Cuban ECB stations will verify. They have one card that I know of. They just type in the slogan and time for the station you heard. If possible, send an SS report for best results. Also CKFH sent a card along with an assortment of junk & a promo button to me about five months ago. Are there any Central or Southern Illinois DXers that DX TA's & South, Central America & the Caribbean? If so, I would more than appreciate some correspondence. I am interested in the best bets for TA's from this area or within 200 miles. See ya next time.

HARRY J. HAYES - Star Route - Box 226c - Gouldsboro, Pennsylvania - 18424 EST

Mark Connelly's Musing about the nostalgia issue of DX NEWS, coming up, has sparked me to make a few comments. As a DXer who got his start in the 70's I know little about what the band was all about before 1970. All the suggestions that Mr. Connelly mentions sound very very interesting. His mention of the CONELRAD system of the 50's & 60's caught my eye. All I know about it is that 60's car radios as well as my very first clock radio (which I still have) bear Civil Defense signs at 640 & 1240. Also in my high school sophomore health class they made passing notice of this system. It would make interesting reading to know what DXing was like with this system but more importantly if someone could explain the mechanics of the system. Did the existing 1240 stations have the facilities for these special government rigs or were they separate? Why was just 640 & 1240 picked? Also, when & why was the CONELRAD system dismantled? Mr. Connelly's request for contributions of DX during hurricanes & eclipses from days gone sound interesting too. I also want to say I enjoy Mothball Memories lately with its late 50's & 60's features. Jerry Starr's was very interesting, especially the part about special programs in the wee hours before PA. deer season. Keep it up, & all us new tenderfoots informed. I'm sure everyone is wondering where his WAREN verie is - I am too, & I'm about to check it out. I think they have had more than enough time. DX: 12/3- Excellent CX to SA this AM. R. Rumbos-670 Caracas & HJED-820 Cali both were blasting in. A new country was added @ 1 in the form of YNOW-540 Managua s/off at this time. They had light vocals & "Radio Corporacion" IDs. I was looking for Horizonte here also, but no sign. 2am, HJBL-1160 Brranquilla w/"R. Aeropuerto" IDs. At 5:02pm I found WPAL-730 SC holding the channel w/typical high pressure soul format. CX AU tonight, also lots of E skip on TV tonight. M: 12/5- I did a short stint on 1400 this morning & added WPCE Va. w/black church revival services @ 2. I'm also fairly sure I got an ID from WSGC in Ga. but not quite clear enough to count. (WSGC is more likely, Harry, they're NSP-MN -ERC) Also a too-weak ID of WWIN Baltimore but I'll wait for a better reception before I count them. Also it must be the insane WPTJ-1440 who is IDing as just 14-q MMs here w/T-40. I thought they just changed calls anyway. They are no pleasures when I'm trying to get WQOK down in S.C. I heard a strong c/w on 690 w/WAPE that turned out to be WVOK. I thought they were still T-40. Log is now at 994 heard. 73.

TEX STOUT - 9720 Thor Avenue - Louisville, Kentucky - 40229

Needless to say, DX has vastly improved over the Summer months. I've finally reached the 500 mark with the addition of 29 stations since 11/14 so I guess that's grounds for a Muse. 11/14 was a good night; WSW-770 @ 7:01pm, WQOQ-1000 @ 7:05 w/NX folo by c/w mx @ 7:10, WKYK-1540 @ 7:14, WILY-1210 @ 7:19 with TC & Carol King record, KCTA-1030 @ 7:29 "Gospel Giant of the Southwest" (Should these times be AM instead of PM, Tex? -ERC) CFOR-1570 @ 5:54 w/rr - not new, but it has been coming in very good here lately. 11/15- WGTG-540 @ 5:30 s/off, WOKI-1550 @ 5:43pm, KOKY-1440 @ 5:58 w/rock or soul mx, KKOW-1420 @ 6:04pm, WYNN-1380 @ 6:15pm s/off. 11/28- KWTO-560 @ 5:36pm w/c/w, CKRC-630 @ 7:05 w/rr, CFCL-620 (?) @ 7:09 w/FF; CBJ-1580 @ 7:14 in FF, an SS on 1197 @ 7:41pm, 4VB-895 in FF. 12/4- Station #500 in YSKL-765 @ 1am in SS, CMKC "R. Revolution"-840 @ 1:45am in SS w/WHAS off; KFRQ-1370 @ 2:40am with talk about the Dallas Cowboys Network. 12/5- Local WQBS-1570 s/off @ 5:30pm, WUPU-1190 @ 6:01 "Gulf Radio", WOOD-1300 @ 6:08 w/NX, WOOA-1370 @ 6:18pm w/WX about a tornado watch, CHNR-1600 @ 10:43pm - I caught part of an HNR, there was talk of something - they were using kilometers instead of miles. 12/6- WQTT-680 s/off @ 12:05am, WRHC-1550 @ 5:28pm s/off in EE & SS, WAMY-1580 @ 5:37pm NX & rr, s/offs (?) @ 5:45, WTQX-1570 @ 5:43pm, sounded like black gospel mx, & s/off @ 5:45pm.

NEW YEAR'S RESOLUTIONS MAY BE A THING OF BY-GONE EPOCHS, BUT PERHAPS THERE'S ONE YOU COULD MAKE WHICH WOULD BENEFIT YOUR NATIONAL RADIO CLUB, AND THAT IS TO BECOME A PART OF THE ACTIVE PEOPLE WHO PROVIDE YOU 700+ WITH THIS LIVELY AND EXCITING INFORMATION EVERY ISSUE. WHY NOT GIVE IT A HEALTHY 1978 TRY? THROW OFF YOUR ANONYMITY AND JOIN THE DX NEWSERS! MUSE, PLEASE!

BILL HARDY - 2301 Pacific Avenue - Aberdeen, Washington - 98520

NRC Contest #2 seemed to be sked perfectly for this DX location. Contest DXing brought me seven new loggings, plus a few surprise reloggings. WX in the Western U.S. may have had something to do with D. CX. Early Thanksgiving Week there was snow in much of Oregon & the mountains of N Cal. By Turkey Day, temperatures had moderated in W Wash., Ore. & Cal. possibly suppressing QRM from stations in these areas & allowing DX to come through from colder Alberta. This is just a hunch with no scientific basis, but both CFCK-1370 & CIOK-1310 came through stronger than I would have expected - unless everyone up there stayed on day pattern, hi. As the weather fronts pushed further E, by Fri. 11/25 CX had changed completely & stations from the SE such as Idaho & Utah, came in. DX by dateline: 11/23- 10:40-10:45pm CFCK-1370 "OK Country" atop KAST KEEN w/c/w, many spots for Westlock & So. Alberta. My atlas says Alberta has the only "Westlock" anywhere in the world! 11pm, CJDV-910 gave an ID & into NX, u/o KALL w/KNEW nulled. Before the 11pm ID, CJDV had the religious show "Voice of China & Asia" giving a Vancouver address. 11/24- 1am CKDM-730 average-to-poor u/loud rocker CKLG, giving NX & WX, 1:04 devotional, 1:06 s/off possibly folo by GSQ. 3/off gave s/on time but I didn't hear what it was. 11/25- 1:25am CIOK-1310 running a promo for "Know Your Government" on CIOK, then back to automated c/w, topping 1310 surprisingly well. 11/25- 6:40-6:45pm KBGN-1060 Caldwell, Id. on its new frequency, ex-910, now 10kw D, still all-religious format, strong signal w/CFCN nulled, no KPAY. KBGN could become an SSS pest, hi. 11/26- 7pm KSVN-730 c/w & ID "on a Super Country weekend", good-to-fair w/CKLG nulled, seemed quite strong for 1kw! 5:05pm KMFB-1300 ending NX & WX, AM-FM ID, into album rock till past 5:20. My map shows Mendocino sunset 5pm, so a foul-up? MM 11/28 while looking for KLUC-1140-TEST, I relogged WRVA 3:18am ID & WX. KLUC-TEST was on by 3:40. KLUC has a CP to go fulltime & KLUC-FM is already AN MMs, so if you need Virginia better get WRVA now! WRVA is possible after KRAK's 2:30am s/off w/CKXL nulled (KGM and/or KRAK may test MMs). Another surprise relog, WGBS-710 (my only Fla. logging) on OC ET possibly on day pattern, IDs @ 4:31 & 4:31am during KIRO's & KMPC's SPs. KMPC was back by 6:09. I hope there's a lot of support for Musings this issue, & if there is, I'd like to see it continue! 73.

JAMES E. CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 96080

I have not heard any new stations since reporting Nov. 28. I have been checking KCRL-780 and they have gone off @ 3 ELT. I tried for the four SW f/c's, nothing on KDAP or KDXU. Local KBLF-1490 was still on, so no KCUZ. I did hear a tone on 1450 from 2:30 to 2:45, I assume it was KWSL, but no IDs. At 3 on 1230, KQIK was using tone & code for their Q-3 r/c. I tried for KMCL-1240 from 3:04 to 3:08, but if on, they were very weak. At 3:15 on 1490, KVAC came on & IDed for their f/c. I forgot to try for KMTX-950, but I have heard them. At 3:31 on 1140 I heard "This is KLUC-AM conducting transmitter and antenna tests". The same was repeated, and they continued w/mx and advertisements, possibly a re-broadcast of their FM station. After 4 I tried 710, but there was at least one loud one there, so no chance for KGNC; maybe next week, if the West Coasters are off again. The chief reason for reporting this week is to advise friends that Frances is recovering rapidly, and hopes to be home in a day or two. Bill Hardy, how about sending some of that rain at least this far South? All for now. I will continue to DX & report. Season's Greetings.

CHARLES GEORGE - 6407 Howard - Dallas, Texas - 75227

I received only one verie this week from KFRQ. I heard KFBK on Dec. 2 at 1:55 ELT with sports coverage & ads for Deck Lewis and Lombard Stereo, just audible u/WCKY. The only station from Cal. I have heard besides KFI. I heard WDAK on Dec. 2 @ 6:03 w/c/w and gospel mx. The announcer was so folksy that it was hard to tell who the advertisers were even though they had a local-like signal. I lost the signal due to XEMA changing pattern and/or power. I was wondering where Frank (Little David) Jolle is who was with KBOY, KVIL, WNOE, & KLIF. I was wondering where Ron David McCoy is who used to be at KVIL. The other Sunday I heard a tribute to Gene Ammons, the saxophonist, on KOKA. They have a good jazz program. I used to listen to KATZ because they had a good jazz program back in 1971-73. When I lived in Nacogdoches I could hear WINZ every night on a \$30 Nobility portable; however in Dallas I never have been able to hear WINZ & I have better equipment than I did when I was going to school in Nacogdoches. I enjoy listening to the folk music on R. Jumbo in Dominica; I hope they send me a verie. I like the way ECR has started arranging DDXD by areas of the country. For Christmas my parents may get one of my SSR-1's fixed so it works better. The receiver plays until I change the band, then I have to play with the dial a while, the one that got stolen works better than the replacement.

MARK BAILEY - 1414 Biaden Crescent - Norfolk, Virginia - 23502

My DX season officially began on 9/18 when WAYC-1600 broke through @ 7:30pm w/s/off u/WINX "with best of N., mx, & SX for Bedford County." Also @ 7:45 s/off of WTNS-1560 O. Jumbo-545 came in on 10/15 w/various songs in EE. On 10/22, R. Cayman-1555 @ 7:51 in EE w/ various rock songs. 10/23 brought CFQY-630 in fair @ 4:07am, & also CKNX-920 Ont. @ 5:07am, & also WIFR-940 in fair @ 5:32, second in P.R., WHMT-1190 Tenn. in w/s/on 10/24 u/WOWO. On 10/25 I had 4VEH-1035 w/religious sermon & s/off @ 8:35pm, & @ 8:06 I noted R. Omroep-725 w/rock songs in EE. At 8:50 R. Paradise-1265 in good w/religious program in EE. On 10/26 I snagged TWR-1466 w/fair signal & s/off @ 8pm. WLSQ-1410 Ga. in on 10/30 @ 2:30am. R. Lighthouse-1165 was heard 11/4 w/religious program in EE. 11/11 brought R. Vision-950 w/SS songs & ID. V/c-FCO. WANN. v/l- WMOG WROP WBC WILA WEYI WTQX WTOP. 73s & good DX to all. Totals: 960/58.

AS THEY SAY IN GREENWOOD, MISS., "WWSG-1540". "WONDERFUL SUPPORT WE'RE GETTING!" AND AS THEY SAY IN MARIANNA, FLORIDA, "WTYS-1340" - "WE THANK YOU SINCERELY!" OTHERS - PLEASE MUSE! -ERC

CHRISTIAN F. HANSEN - Saint Joseph's Seminary - Dunwoodie - Yonkers, New York - 10704  
914-968-6200 A couple pf points here. Our last Metropolitan Area DXers meeting was on Nov. 13, and NRCers Kromka, Williams, & Wurtzel gathered, along with myself, at the home of NRCer Malcolm Kaufman. Various topics were discussed, and among them was the site of the next meeting - it will be on Jan. 12, 1978, at the home of NRCer Paul Mount in Teaneck, N.J. (Paul also attended the 11/13 meeting). For more information, call or write me at the address/phone above and I'll try to help you. NRCer Bruce Conti, in his Mus-ing in the issue of 11/28, wanted some information on FM SCA reception. In brief, SCA stands FOR Subsidiary Communications Authorization, and is an FCC-authorized subcarrier carried over many FM stations in the country. Most receivers filter this subcarrier (68kc/s. in frequency) out of the signal just before it goes to the amplifier; however, with the use of an adapter, this subcarrier can be detected, amplified, and piped into your home. Muzak, among other companies, uses this service to broadcast its background mx service to its customers in an area - therefore, if you own a bar, DON'T use the adapter to put Muzak into your bar, because this is theft of services and against the law. However, you may use it in your home for personal, private, enjoyment. In New York, several stations (WJNC, WPIX among others) carry background mx; WEVD (The Station that speaks your language) also speaks the language of doctors - it carries the Physicians' News Service, which is a commercial service keeping your GP up to date on the latest techniques. Other stations carry Greek & Chinese ethnic programming. Several stations only use the service to monitor their transmitter (the SCA carrier is modulated with meter readings, & this carrier is monitored by the station at their studios). WKCR (Mount's pride and joy) is planning a Talking Book Service for blind people, which will transmit literature for the blind. I've already gone too long on a non ECB subject, so anyone who wants what other information I have can contact me. I was in Mass. over Thanksgiving, but could not get to Ernie's GTG because of a technical problem (lack of transportation). So, until the next Muse, 73s to all.

MICKEY THEROUX - 41 Mill Street - West Warwick, Rhode Island - 02893

I participated in the New England Table Tennis Championships this past weekend so I have yet to try my luck at SSS DXing in December. For some reason I received my first two "dud" replies to reports on 12/3. WFER-1300 said they would only verify reports with VERY specific program details and they like the use of the SINPO code. (Most stations NEVER HEARD OF IT, though, Mickey -ERC) WKEP-1080 sent me a nice sticker, a hit list, and a blank letter! Oh well! Another weird thing happened last May when I got double QSLs just three days apart from WLKW-990 and WILM-1450 (heard when WKRI was off). I sent each station only one report. Too bad that doesn't catch on. My latest veries are from WARE-1250, WGRP-940, WCVR-1320 & WCJW-1140 from a nine month old report. In WCVR's letter the Mx & PSA Director says he doesn't get hardly any reports so he didn't make up any cards, but will verify any accurate reports. Come on NRCers, let's write him some reports. I wrote WKRI a letter about a week ago so there is a small chance he might be interested. On to the DX. On 11/8 I heard WCAT-1390 @ 3:30pm w/ID & local NX. Later @ 6:14pm WKER-1500 was announcing that WKER was requested to stay on the air after sunset because of local flooding by the mayor of Pompton Lakes. They were noted giving WTOP some stiff competition, making this an easy logging. On 11/15 WVAB was heard @ 5pm s/off w/WVVA. On 11/19 WEEP-1080 was caught @ 7:30am w/ID, then c/w, w/WTIC in the null. WOTT-1410 was heard @ 4:20pm on 11/20. WCVR-1320 was heard at 4:15pm on 11/21 w/NX/MX, & ID, good w/WARA. Time to go. 73s.

KONSTANTINE RYCHALSKY - 22 Carroll Court - Bridgeport, Connecticut - 06607

XXIII. Two new veries in: WSAW-1470 Pa. w/v/c & WKIE-1540 Va. w/v/1 & CM. I heard WKIE the morning of 11/23 on ET. The CE was announcer & surprised to hear signal got this far. Totals are now 248 (big thrills!) with more creeping in each week. Now on to DX: 11/28- WCKY-1530 s/off @ 12:30am and announcing to return @ 4:37am; CKGY-920 Ont. ID @ 1 with "the original with contests where you can win a KI20 radio." 11/29- WCHE TEST heard here @ 12:50am. 11/30- WFIF-1500 ETing here w/WTOP SSB under @ 1:30am, WFIF off @ 1:35; WFOR-1490 Me. here again @ 1:40am w/T-40 mx; CHOO-1390 Ont. way w/WFTL (Ft. Lauderdale-14001?-ERC) w/Jingle & c/w. So begins the December DX month: 12/1- WLAM-1470 Me. in @ 1:55am w/"LAM" IDs. I sat on this frequency for several minutes for no reason at all, evidently it paid off for at 2:05 till:10am WAZL-1490 Pa. came on for ET "This is a program test from----" & full into at s/off. 12/2- WHIO-1290 Ohio ID popped through @ 2am - not in long enough for a report; coincidentally I ran down to 980 & sure enough WONE Ohio ID also popped through, also no report due to time-out; WCSC-1390 here again @ 1:20am w/Batles album, easy report, but do they verify? WRC in @ 2:07. I haven't done much DXing since then due to work, side jobs, Christmas shopping and lack of sleep. Thanks Ernie & R. Tuggle for correct address for WKTY. This report was sent out three times, the last time with the correct address BUT - the post office STILL returned it. It remains a mystery! (I'm referring to the 100 Forbes Avenue, 15222 address). Maybe someone from that area can check it out (please?) I'll be down in Fredericksburg, Va. again after Christmas itching to send out reports to my local non-verifiers: WNEC, WCBS, WOR & maybe a few others. I don't think it's cheating - it's just another means of obtaining a verie. (Sent to Va. address, of course). I couldn't make ERC's GTG due to work. Well, if the veries are not upon us then the little white flakes are, so have a Merry & a Happy. 73s & ZZZ.

WARREN E. GREENBERG - 145 Cottage Road - West Roxbury, Massachusetts - 02132

Recent veries are WPAT (f/up) & CJGJ Woodstock, N.B. Only nine more reports to be received. Most of these are from November with two from October. I haven't been at the dial for about a week now, but I hope to get back by this weekend, plus with school vacation starting on 12/16 & going to 1/3, I should have plenty of time at the receiver. With luck I should be getting a TRF for Christmas. I just hope it is as good as they say it is!

WALT BREVILLE - 9127 Coral Drive - St. Louis, Missouri - 63123

The big news from here is that I finally acted on my big RX purchase. I now have an HQ-180A, which I got from ex-NRCer & fellow Missourian C. R. Weinstein, who got the ham bug & gave up DXing on ECB. So far it seems to be a fine performing rig, even though I've had no luck yet chasing TAs. I have done some daytime & evening DXing with it, like the SX-122 I used to have it is excellent in selectivity & spurious rejection, but it has much better sensitivity and frequency readout than the SX-122. On Thanksgiving Day I got WSB-750 at mid-day. 12:30 local time despite the image from KXOK there, which appears on every rig I ever tried. The first DX station I caught on it was KDY-1570 Kan. @ 6:20pm on 11/19. MM 11/28 I was on 790 catching an up-tempo country-rock tune & almost tuned away, thinking it was WAKY. Gazooks, it turned out to be XFGO in Fargo, a surprisingly hard state to hear from here! It had a modern c/w format w/femme DJ, & was well on top around 4-4:10am. They sent a v/q back in six days. On 11/30 my latest new one was caught in a traffic jam on my '72 Lemans radio: WMO-1550 Mobile s/off @ 6pm. I'll still be doing some listening with my TRF portable & cheap Drake. I feel like I'm shooting squirrels with an elephant gun bagging 5kw'ers 300 to 600 miles away with the HQ-180! MM 12/5 was NG, just a whole lot of static. I got a kick out of the write-up on gooe ol' XERF. I vividly remember it & radio back in 1951-54 when I was in 6th-8th grade. It filled a programming gap, because at that time, radio was extremely dull, especially popular mx, which was bland, stale, mostly third rate warmed-over stuff from the Big Band era. St. Louis offered c/w & rhyt m-&-blues on daytimers KSTL & KXLW, nothing but Eddie Fischer & Patti Page & their ilk at night, so I roamed the dial & sometimes caught good c/w mx on WJJD & WKY, but XERF had the best & most reliable signal. In those days XERF put a local-like signal into St. Louis most nights, not t.e.yr puny signal of today that is sometimes mixed with CFOR. XERF did a good job livening up the airwaves with its music, Paul Kallin er (who did the fine "All Night Long Show") & bizarre commercials, until at long last in early 1955, Elvis Presley & Co. came on the scene! A few years later XERF came up with a unique, cool DJ named Wolfman Jack, but he went on to other places before long, and ever since the Big X simply lapsed into being more or less plain country-gospel. 73s.

STEPHEN J. McINTIRE - 2225 Searle Street - Des Moines, Iowa - 50317

I'm back in the NRC after a six-year absence, so a brief re-intro is in order. I'm 28 and a PhD candidate in philosophy at the University of Rochester. I was active during the 1965-67 seasons, with best catches being Dakar-764, KORI-650 & KFQD-750. The RX is now a TRF w/a "Select-a-Tenna" loop (from Edmond Scientific) inductively coupled to its built-in loopstick, providing about 1-3 S-unites more gain. CX have been great lately for LA's, details in IDXD. MM 11/28- KVFC-740 Col. in surprisingly well after CHL s/off w/ID @ 1:15. KLUC-1140-TEST in very poorly @ 5:20, no report sent. SSS brought KCCV-1510 Mo. w/ID @ 6. 11/29- CHEX-980 made it through the usual crowd here @ 6:30pm. 11/30- First station heard on the TRF was KLEE-1480 Ia. through KSO-1460 slop, 3:39pm. KCLO-1410 Kan. (#750 logged) 6:00 & .XKO-1300 Okla. 6:03 added on SSS. 12/1- KREI-800, 5:35pm. 12/2- Daytime DX was highlighted by KFRM-550 Kan. @ 3:30pm. That evening, KFYO-790 at 7:25. 12/3- Another afternoon session found WRMS-790 Ill. in KFOO's null at 3:45 w/BFL mx and KJSK-900 Neb. in KFAL's at 4:00. MM 12/5- KMAG-630 Tex. s/off 1:02. WTSO-1070 Wis. on top w/c/w 1:18. KLUC-TEST atop WRVA 3:51-4:01 w/NX (simulcasting their FM RS) with enough detail for a report. Staying up for SRS proved worth it w/KLEA-630 N.M. topping KHOW long enough for s/on-SSB at 8, KMPL-1520 Mo. o/KOMA 8:35, KMMD-1300 Mo. 8:45, & WILY-1210 Ill. 5:51. SSS on 900, looking in vain for Barbados, I caught two newies: KHQZ Ark. @ 5:30 & WDDT Miss. s/off @ 6. 12/6- After many attempts, I finally logged WPRE-980 Wis. in KMBZ's null 3:35pm. 12/7- While typing this, I heard KWMB-1190 Minn. o/HAYG long enough for an ID @ 4pm. 73 from QRM Valley. (Hi, Stephen, & welcome back to NRC! Please Muse often! -ERC)

BOB WALKER - 2220 West Highway 524 - Westport, Kentucky - 40077

With freezing rain & snow falling outside my window, I thought it would be a perfect time to write a Muse. Little DXing has been done but I am hoping to get caught up and finally hit the 500 heard mark in domestics before Christmas. I've got about 19 more to go so I must get to it. I'm now using a TRF in place of the HQ-129-X. Personally, I think the TRF is very comparable to the HQ-129-X - and much smaller too! I've noticed some telling a-bout bout using an SM-2 with their TRF. I thought I had heard that you couldn't use an SM-2 w/a TRF. Are there any special connections that have to be made? I read in a recent Radio Shack mail sale flyer that a new catalog was coming out in January. This could be when the TRF is dropped from the catalog, as the rumors have been saying. If Radio Shack drops the TRF, it will undoubtedly be a loss to the DXing community. It seems to me that if Radio Shack had promoted the TRF a bit more, & possibly not had an AM/FM portable in the same type of case, they would have sold more of them. (It's difficult to sell an AM-only portable today, Bob, to the general public -ERC) I know talking to various Radio Shack managers and employees they've told me that most stores only have one, and that's the one on the shelf. Just a couple of veries in from last season - KDTH and WETE (it took this one over one year to reply). I've sent the signers to ERC. (Thank you, Bob, & we suggest the rest of you do likewise! -ERC) The WETE was on WRJZ stationery with an apology for it being placed in the files by the old owners and not answered. My impression is that they want reception reports very much, so--- I noted WHAS was off last Sunday morning (12/4) from 1 to 5am. This may be interesting to watch out for, since they seem to go off in a series of Sunday mornings. Till next time, 73s.

HAVE YOU VOTED YET FOR THE SITE OF THE 1978 CONVENTION? THAT DEADLINE IS SNEAKING UP ON YOU YOU KNOW, SO IF YOU HAVE A PREFERENCE, USE THE BALLOT FURNISHED A COUPLE OF ISSUES AGO AND MAKE YOUR WISHES KNOWN. AND WHEN PICKING YOUR VACATION TIME FOR THE COMING YEAR, KEEP THE CONVENTION WEEKEND IN MIND - IT'S LABOR DAY WEEK-END, OF COURSE! SAN FRANCISCO OR ATLANTA?



ELLIOT R. STRAUS - 72 Sweet Briar Drive #4 - Clark, New Jersey - 07066 201-574-1199  
 Greetings all, a Merry Christmas & New Year's to all. I'll tell ya, this apartment ain't all it's cracked up to be. Reception is OK, but I'm within 20 miles of the XRs of eight 50kw XRs & probably about a dozen 5kw-ers, so you think you got it bad huh? For me 700, 720, 730, 760, 890, 1060, 1140, 1420 1440 are all absolutely dead. I'm gonna haveta get farther away from N.Y.C. but probably not till we get a house, two years I hope. On to DX: MM 11/28- WUNR-1600 2am s/off, CHIN-1540 4:58pm reported, WPUV-1580 5:15pm s/off, WRHC-1550 5:27 s/off. 11/29- WAAK-1550 on w/5kw due to floods 1:15am. A very unusual event on 12/7, WNEW-1130 was off from at least 3-4am, allowing me to report WGAR & log & report WISN, no sign of WDGJ though. Before this season started, I decided to concentrate more on increasing my veri total in relation to my heard total. Since 10/1 I've only 25 new loggings but I have 21 veries back to totals 1,315/530. I think I've heard maybe two or three TAs this season and at this time last year I had logged at least 40 or so. Twenty-eight reports out in November. Recent veries are: WRHC-1550, WPUV-1580, WEZQ-1550, WGVA-1240, CKEC-1320. That's about it from this end for now. I'm still waiting for my loop - maybe it will help with those 50kw locals. 3's.

JOHN C. HERKIMER - 180 North Street - Caledonia, New York - 14423  
 This being my first Musing, an introduction is in order. I am 23, married and work as a layout artist in a local printing firm. While my main interest is SWBC DXing, I do enjoy ECW DXing, particularly TA's. My main BCB RX is an old Hammarlund HQ-129X while I use an FRG-7 for SWBC. I was very disappointed with the Yaesu on BCB, though my FRG-7 is unmodified. I understand that a modified one will work on ECB if not overdriven, but selectivity proved to be a problem, particularly isolating splits from strong domestics. From my own experience, I think the older Hammarlunds (either the 121X or the 150) are excellent BCB receivers. Randy Tomer's suggestions on correcting the parallax problem with the FRG-7 proved to be very effective. For those like myself, who balk at the idea of opening up their receivers - have no fear! The results are worth it. As an antenna I am using an 3M-1, though I'm looking for something better. I am a bit disappointed at the season so far. I was hoping for more TA activity, though we have had several good nights with good signals from the Caribbean. I hope things improve, at least here. 73s. (Welcome to the NRC, John, and we hope to hear more from you - and often! -BAC)

JOHN KROMKA - Box 86 - Montville, New Jersey - 07045  
 At 5:03pm EST on Dec. 9 I had the extreme pleasure of hearing my 1,000th station in my MW DXing career. I've been driving towards this goal for a while now & never thought I'd achieve it before the end of this year, but the last couple of months have been very productive enabling me to average about 13 new catches per week. That 1,000th station was WSLM on 1220 in Salem, Ind. w/5kw which at time of reception was totally dominating the frequency with no sign of WGAR. I think I'll let WSLM know they were my GRANDest station heard and request a verie. I believe that getting that first thousand stations is an initiative and an achievement that most everyone would feel proud of, after that the stations don't come too easy I've been using a 300' LW for DXing but unfortunately it overloads my DX-160 with spurs of my closest station WTKX-1310 and WABC on many frequencies which proved to be very annoying. I wrote to Steve Bohac asking him what I could do to remedy the problem & he said to either shorten the antenna or build a good HI-Q loop to null out the spur-causing pests, so I did shorten the antenna to 150' and the spurs have almost totally been eliminated. I guess my hopes for a Beverage are shattered due to it would only aggravate my problem. I hope the WCAZ TEST that I arranged was heard by many as I had received them mixing w/WZZD with six IDs so a report was sent. Thanks to Peter Clarius, Ed Lawlor, Bill Wurtzel, Steve Bohac and John Fetman for their interesting letters & I'd also appreciate any other correspondences as I have much free time for this activity. Till next time. (Nice going, John! Congrats! -ERC)

WILLIAM GILBERT - 26 Terrill Lane - Kings Park, New York - 11754  
 Hello fellow BCB DXers. This is my first time Musing. I am 31 & have been BCB DXing since the early 60's. At that time my best catch was KSL-1160 Salt Lake City on a Pilot Junior RX. Recently I moved from New York City to Kings Park about 40 miles from the locals. I hope to get into QSLing when I get the NRC Domestic Log. Until now I had to rely on White's Log. SSS & SRS are new to me as I have always DXed in the evening or early mornings. The booklet "Getting started in MW DXing" is very useful, the record keeping & systematized DX methods are new to me. With all the news about the TRF I just had to get one. The HE-30 along with an eight band GE portable have been my receivers until getting the TRF. Aiming at the 50 states, I have 23 so far, most E of the Mississippi. Here is the DXing from here: 11/29- PJB-830 w/EE ID at midnight - I nulled out CKLW. On 910, CKLY, Lindsay, & WLAS Jacksonville w/teletalker. 12/2- WWL-870 w/ID @ 1am EST. On 1140, WRVA Richmond "Mountaineer State" @ 1:52. 12/4- WZZD-990 w/femme "Wizzard-100" @ 11:45pm. WHO-1040 ID @ 9:14pm. 12/6- CKTS-900 w/ID & TC @ 5:08pm. WNOX-990 Knoxville & KWAM w/s/off @ 5:46pm. 12/4- WMAZ Macon Ga. w/ID 5:30pm. (This wasn't possible before the TRF). KWAM Memphis was right after @ 5:47 w/ID. Some regulars from here: KJLM-1570 KEWA-540 WCCO-330 St. Paul, CMQ-640 Havana, WQWO-1190 & a new state KMOX-1120 St. Louis. Does anyone know what became of Jean Sheppard on WOR-710? I heard him on WTOP one night. He's the one who got me interested in this hobby. Can anyone give me a tip on getting Vermont from here? The only way I can see getting it is at SRS (WPNO-1530) for two minutes, think of that. Well, it's a great Club and thazit from here. 73s. (Welcome to the NRC, William! We hope you'll be a regular here. WPNO-1530 isn't Vermont - they're in Auburn, Maine - try WSYB-1380 at SSS or WHWB-1000, also SSS-ERC  
 A HAPPY 1978 TO EVERYBODY! MAKE OTHER MEMBERS HAPPY THIS YEAR BY MUSING REGULARLY! -ERC

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360  
 When WSUF-1580 goes back on the air, as WYFA or anything else, I'll let all you guys know who've been asking. They're still silent as of 12/2 though. WIGC-600 is almost a local here days, often lost u/LA's at night. Only DX done this week has been @ SSS: 11/29- WKOW-1420 Va. a newie logged without trying after many tries in the past (serendipity DX, hi) s/off 4:59pm. 11/30- WPAR-1470, first time @ SSS, w/5pm NX. WMAS Mass. & WTSA Vt. battling it out on 1450, each w/local NX @ 5:05, un. 12/1- UnID-1590 w/femme doing s/off 5pm, only seven possibilities, hi. CHOW-1470 in like a ton of bricks w/NX 5:05, WHHH-1330 Ohio has 1/2 hour of NX @ 6, including AP Radio NX. With all due respect to the standard format of most members' reports to this section (DX by dat & time) I feel it would be a much more interesting Musings section if there were more "discussion" type material. I'm too young to write Motball Memories, but how about this: How I first got interested in DXing. It was an outgrowth of a sudden overwhelming interest in music when I was 12 (in 1971). Before that I knew & cared very little about any facet of radio, but when I became a music fanatic I wanted more stations to listen to. My first logbook was a booklet I assembled with station-frequency-location (sometimes wrong, as I had no station guide of any kind) & I included subjective evaluations (good or bad) as to the type of music each station played. Eventually, I stumbled onto a Vane Jones Log, & joined IRCA after ordering one of their Foreign Logs from Gilfer Associates. (Europe on AM? Impossible! I thought previously). I joined NRC in 12/74, partly on the urging of one Rick Shafran. I would be very interested in reading others' accounts of how they became DXers, especially the recently-joined members. In addition, if anyone reads what I say, I'll bring up a DX-related topic whenever I think of one, giving my account of it. Maybe some of you who are non-Musers because you're inactive DXers, or don't know what to say in a Musing (like me when I started out) or are just tired of listing your relogs by day and time, will follow my lead. (Not TOO close, hi). So, on behalf of ERC I invite you all to editorialize on how you became DXers. New topics in the future, but don't forget to report your loggings too, like this: 12/7- UnID s/off on 1590, 5pm, w/femme vocal "America the Beautiful". 12/8- Newie WPVA-1290 Va. 100% clear w/ad for Petersburg car dealer @ 4:55pm, then into OMM. WHPY-1590 is my UnID 5pm s/off w/girl doing announcement, reported above. WSRF-1580 Fla. in well o/u CBJ a/MOR & ads, 5:05-5:20. WRHC-1550 Fla. o/CBE 5:21. Last dew are Winter pests. 73s.

BRUCE A. CONTI - 39 Bayberry Drive - West Warwick, Rhode Island - 02893  
 After carefully reading & comparing the BARF and GAAD presentations, I dast my vote for Atlanta as the 1978 NRC Convention site. While they both have radio station tours sked, Atlanta offered tours of an FCC monitoring station & a frequency measurement company. I've seen the insides of many broadcast stations, but I've never seen the other two operations which GAAD offers (& I've seen San Francisco, but I've never been to Atlanta). So my vote is in, how about yours? Now down to DX. The following was all heard at my Glen Cove, NY address: 12/1 DX-WXYZ-1270 rr heard u/FB game from an unID @ 8:14pm. 12/3 DX-WIMA-1250 heard @ 7:14pm w/rr & "Musicradio" jingle. I thought I had Cololmbia on 1350, but it turned out to be un WNLK's SS broadcast on this Saturday evening. I caught Worcester's 14-Q @ 1440 u/QRM 9:30pm. I didn't catch the call letters, though, I'm wondering if they dropped WNCR for WFTQ yet. New call letters means a new catch in my book. I continued listening to 1440 w/14-Q n. I'd caught Warren, O. w/a FB game from Mutual, solo by NX @ 11pm & EFL mx. I continued listening until 11:55pm, but couldn't catch the call letters. Was this WHHH? During all this, CFCO IDed as Musicradio in Ottawa through the QRM @ 11:30pm. "Did you know 14-Q makes enough 1440 for one night. SM 12/4 DX: I heard WING-1410 w/a sports report @ 12:17am u/WPOP Long John Neville-Candy Jones Show. WHEW "Honey Radio 1350" made it through WNLK's Long John Neville-Candy Jones Show @ 12:53am. At 1:07, I heard WTOG-1290 w/contest info & c/w. The contest is one of those where you send in your name and listen for it to call in and win. There's an unID u/WBZ-1030 I couldn't pull in @ 1:34am. After a valiant try to null SS QRM on 1160 so I could listen to KSL, I decided to find out where the SS was from. I got R. Aeropuerto ID @ 2am from Barranquilla, Colombia on 1160 w/SS mx; call letters HJ--? There was also another un-ID SS playing EE disco u/the Colombian on 1160. End of DX. I would like to acknowledge correspondence from Chris Hansen and Eric Fader concerning past Musings - thank you! 73s.

BRUCE TINDALL - Box 404 - Chaoel Hall, North Carolina - 27514  
 I recently made two good investments: a TRF & a year's membership in NRC. I'm age 21, single, a computer programmer, law student, Democratic Party official, & fan of the #1 basketball team, UNC. My first MW listening was 12/5, & I logged mostly what y'all would consider pretty ho-hum regionals. But two TTs showed up which I was unable to ID; can anyone help? One was 3:15-3:20am on 1430 u/WIRE; the other @ 3:33 on 1500. Later on 1500 I heard c/w but I'm not sure if it was the same station; anyway, no ID. Anybody know who those testers were? Thanks & 73. (Welcome to the NRC, Bruce! We invite you also to become a regular Muser - I think the 1500 tester was WDEE -ERC)

MIKE SAPP - 1902 York Drive - Woodbridge, Virginia - 22191  
 I haven't Mused in such a long time, I figured I better check in. Not much DX was done until just recently. I'm very busy at work, but am on vacation this week. I'm trying to catch up on a lot of loose ends. I purchased an SB-620 Scanalyzer some time ago, but have yet to convert it to 455k IF from the 3395. The R-390A was down for a couple of weeks, but some new tubes did wonders. LA's have been the rule lately. TA's are scarce. If I only had room for a 2,000' beverage! WKAQ-580 in on 12/9 for my first P.R. No trace of the Cuban on 590 on same day. I tried for WOW Omaha, but couldn't separate it from the jumble on the frequency. That's all for now. I wish everyone the best of DX.



BILL HARANG - 811 Nevada Avenue - San Jose, California - 95125

Because of its warm and sunny climate along with its reliance on the automobile, Los Angeles is a unique case in all-news radio. People drive farther to work - and to play - so they listen to the radio longer & more frequently. They also spend more time outdoors - working or relaxing in the yard or playing on the beach or in a park - where radios are the most convenient form of companionship and/or entertainment. KFWB's Ken Draper was the person who devised the "You give us 22 minutes, we'll give you the world" format. Even driving 45 minutes on the Freeway, from Woodland Hills to downtown Los Angeles, a person will be distracted by traffic or by one's thoughts. The same news story may come on the radio two or three times but that person may really only hear it once. That is the theory behind the 22-minute NXCast, again in the body of each NXCast. KNX-1070 also repeats some stories within any given hour, but their repetition is less frequent - partially because of a difference in programming philosophy and because of the KNX commitment to use CBS network material at specific times every hour.

JOHN OLDFIELD - 7135 129 A Street - Surrey, British Columbia - V3W 6T4

Our new home and extra work has kept me inactive in DX (I always have some excuse). KFWB-930 is of course stronger here vs. North Vancouver, but KTKN Ketchikan still creeps through at LSS. It's tougher now that CJCA is 50kw, but CJCA isn't very much stronger. KARI-550 is almost at spitting distance though. Most Seattle to Bellingham stations now arrive with less slop from things like ck-WX Country & c-FUN as I'm not quite in their main lobes. Only CJJC-800 & CFVR-850 are louder here. The CHWK-1270 twin, CKGO, is now on 1240 & is here days with CJAV. I hope to try a longwire; I have just the loop now. A big surprise the last three nights was X-TRA through local CBU. This was the reason that CBU went to 50kw. as they even had x-tra trouble on the outskirts of Victoria then. Remember CKAY-1500 Duncan getting East so well? Apparently the DJ was fired for smoking the wrong brand and forgetting to change pattern & power for a few weeks. This unproven story from, as the media says, "A reliable source." CKO is FM here (no room on AM) but in Edmonton FM is not out of the baby stages yet so CKO wants AM there (1550 or 1480) for the all-NX station. Another group wants 1070. CJJC-800 "West Coast 'country'" now has Hindu-Punjab programs nights for about two hours, paid for by the over 35,000 followers in Greater Vancouver. I did DX, but nothing really new; the easy TPs 830/870/880, the KORL/KYAK/KBYR/KFAR stuff, & the Belize/Cuba-880. I wonder if CHR8-1280 is on? Also the CHAT-owned CBR relay on 1460? Phone is 596-1427 fir those passing this way. Best of the season to all. I noted CJVA-810 heard by LK in DX NEWS #6. I'm just reading that they may lose their license for failing to get on the air??? Maybe he heard SS & not FF u/WGY? (CJVA is INDEED on, John, & tops WGY here at SSS-ERC?)

RICH SEGALAS - Bx 26,254 - San Francisco, California - 94126 (Via telephonel)

Greetings all. I went to Phoenix last weekend & visited KOY & looked at reception reports & noticed some good ones and some bad ones from members of both Clubs, and non-members of either. Some are on postcards - one was on a 3x5" piece of notepaper! KOY's CE gives the guys the benefit of doubt if at all possible and sends a write. He has reports in his files dating back to 1936! Merry Christmas to all & I hope you all vote for San Francisco! It was good to meet everybody in LINCOLN, especially ERC, whom I had met in Indianapolis too, at IRCA's Convention. DX here lately? I'm getting a wedge Rick Heald says is THE original - I'm buying it from Charles Wolff for \$5 - he's no longer interested in DX.

KEN ONYSCHUK - 16771 Shea Avenue - Hazel Crest, Illinois - 60429

Here goes three cheers for a wonderful, sensitive portable, the Realistic TRF. In six days, I heard 12 new stations for overall total of 726. On to it: 11/30- WAWK-1140 Ind. w/s/off @ 5:15 u/WSIV WRVA, one of my toughest catches. WTVB-1590 Mich. @ 5:45-5:48, in very good on night pattern I presume w/local SX plus promo for H.S. BKB at night on WANG-FM, then ad for local oil company, first time at LSS. On 1200, unID SS w/variety program in good w/WOAI looped from 9:45-10pm. I tried hard for slogan of call but faded, I presume QMKL? 12/1- KRVN-880 Neb. @ 4:55-5pm. I was very surprised to hear it w/SID, WX, c/w song, then Ae NX @ 5. I did a good null job on WLS for that one, then faded. WHSY-910 Wis. un. w/Lennon Sisters song & ID 5:05-5:08. WGTI-870 N.C. s/off alone @ 5:15, N.C. #9 w/WKAR looped. WFIA-900 Ky. w/religious progrm 5:20-5:30 in well in WLS null to 5:30 s/off. Then KFAL Mo. popped in with regional NX, first time heard since day reception in Springfield, Ill, last April, Mo. #36. KSB0-750 Okla. w/ID very weak during SX re ort w/WSB looped @ 6:06pm, trying for KMMJ, much splash from CBL & WJR. 12/3- WTAY-1570 Ill. w/promo for H.S. BKB on FM at night @ 5:25, Ill. #95. That completes the Ill. stations at LSS on 1570-1580, only 23 daytimers in Ill. to go. 12/5- WMOO-1550 Ala. w/religious programming & WX 5:50-6pm, not to be confused with another religious station in same area, WLUX-1550 La. w/s/off 15 minutes later. XELA-830 w/SS ID 10:45 pm in good, WCOO unusually weak at time. CMDQ-620 Cuba w/ID @ 11:45 u/WTMJ, sorry, I kinda misplaced my SS details. I don't know much SS so I wait for IDs, slogans, as best I can, with my trusty WRTH at hand. WERN-1460 Mich. #44 w/TT, ID 12:15-12:20am, unexpected Mich. daytimers here, 15 heard. 12/6- After Earl Finkle's hourly WX on WOWO @ 8:20am, I looped it & got c/w & a nice ID from WHMT Tenn. @ 8:30. One other station heard weak yet, I'll get it another time. Finally, 12/7 HJCY-810 Colombia, w/ID @ 9:30pm. I've heard it before w/WGY looped but never I'ded it, a nice signal at this time, S.A. #2 IDED. Finally 12/8, KWKH La. in good 9:45-10:05am giving WISN Milwaukee fits, before fading. Locally, WCFL carries Illinois BKB, WGN with DePaul & Loyola, sked permitting. I sent along some clippings for general interest. Season's Greetings. (All clippings should be sent to our LOUISVILLE address, Ken -ERC)

PLEASE REMEMBER TO USE A.M. & P.M., E.L.T. IN YOUR MUSINGS REPORTS. PLEASE DOUBLE SPACE!

BILL ANDRES - 101-25 115 Street - Richmond Hill, New York - 11419

This is the inaugural Muse of the season for me. I've been an NRCer (second time around) since 1974. I started DXing in 1962. I am 30, work as 10am-2pm jock at WBAB-FM, Babylon, an AOR station. DXing is done every MM or so in Richmond Hill, where my equipment (HA-600 & an old Zenith plus a homemade loop) is set up at my in-laws'. Two questions before I start with loggings. One, is CFLS now on 920? I caught FF rr there one Sat. AM in early December, sure sounded like CFLS. (Aye, Laddie, they are on 920 now, ex-1240 -ERC) And two, are Canadian stations considered (by U.S. DXers, natch) as foreign? It's a difference of 107 stations for me, hi. The MM of 12/5: WCNW O. ETing, ID 1:55, after some c/w. Second newie of the morning, thanks to IDX tip, R. Aeropuerto-1160 HJEL, ID sounds like "Eye-ro-puerto." I couldn't raise the ELUC TEST, as WNSW & they are sort of co-linear. A swatch of unID mx u/WRVA & the jammer, but nothing reportable. I still need Nevada! Two SS mysteries, maybe ERC can help with these: 1600 SS, I thought I heard "Veracruz" but nothing in '76 WRTH from there, right around 5:45am. The other was 790. I don't know if it was a man or woman announcer! No slogans on this one either, caught around 6:25am. I ended the session with two newies, first WDJZ-1530 s/on w/no SSB @ 7:15, quickly drummed out by WJMJ s/on seconds later. WJMJ's s/on in turn was smothered by WCTR Md. s/on seconds later. All in all, a horrible morning CX-wise, really noisy. I didn't hear one het. I decided this year to run my own "condition of frequency" list, on the style of the old NRC format. I just have to remember to write everything down, no matter how local. Totals now show best frequencies are 1240 & 1400 (what a surprise) each with 26. N.Y. & Pa. each show 122 logged. Can any EC DXer give me a tip on how to hear B.C.? (Yes, Bill - Go West, young man - go West! -ERC) (No guess on the two SSES above, Bill; I never DX at that hour of the day - ERC)

BILL COLEMAN Jr. - 114 Circle Drive - Rocky Mount, North Carolina - 27801 1-919-443-7282

Well, DX has picked up some. I just bought a used HQ-180A fro Freck Radio Supply, they said was owned by an SWL before I got it, & he was from the Asheville area; I wonder who it was? And R. Margarita was just powering in here with James Brown mx of "Payback" song, mentioned R. Margarita just as soon as WGAR cut carrier! This was on 12/12, on 1220, as WGAR went off. (Margarita is on 1020, Bill! -ERC) UnID tones on 990, 1420, 1460, 1550. WKIX was on with test music & 10kw, by the way, if you live in N.C. they have a toll-free number of 1-800-662-7647. It would be nice if someone would make up a listing of toll free numbers for radio-TV stations only. Another good 800 number you can dial nation-wide is 1-800-424-8807 Dept. of Transportation, or 1-800-424-8805 for Associated Press (answers live). If anyone knows any other, please mention it in your Muse. Also on 12/12, I heard WOOF-560 Ala. on with TT & ID. I called CE & he said he would verify, he was running PoP. Correspondence is still most welcome, & prepaid calls to DX Chat Line from 10pm to 4am EST. Only verie received was from WBZQ which wasn't on station letterhead. They sent CM & bumper sticker. They will also exchange air checks on cassettes with anyone. WCAZ verie finally came in today's mail w/QM. 73s & best DX for the holidays.

MEL BERNSTEIN - 8 William Drive - Rockaway, New Jersey - 07866

In my last Muse (DX NEWS 8/22) I said that my next Muse would discuss my first mini-DX season. I call it a mini-DX season because I sent out my very first report to KFI on 3/14 when most people were getting ready to pack up their rigs for the Summer. I call it a mini-DX season, others may call it ancient history this far into the new season. So anyone interested in a mothflake memory from eight months ago can read on. Probably my best catches of the year had come earlier when I was browsing the band on 12/30/76 and found WAVS & WAPE in Fla. & WBAM & WMOO in Ala. bombing in like locals. After my 3/14 beginning I sent out reports to 109 stations before 9/1. 9/1 is my arbitrary beginning of the new DX season. I have received 77 veries so far, for 70.6%. I say so far because we all know you can never tell how long some stations take to answer. My longest so far is CHUM, veried after 192 days without a f/up. I sent out 16 f/ups & received only four of the 77 by that route. My first 16 reports were sent without return postage (foolish neophyte DXer that I was). Nine of the 16 sent back verifications. I sent three of those missing seven stations new reports with return postage & two of them veried. My biggest disappointment of the season has been my hometown stations in Hartford, Conn. I sent reports to WDRG, WPOP & WCCC & none has veried. Has anyone gotten veries from any of these three? In addition to the v/s column Ernie should have a verie non-signers column to list un-co-operative stations.

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720

I guess that a few lines are better than none at all, right, ERC? (Write! -ERC) Anyway, DX at this end is very slow, with the following the latest out: 11/21- WWOI-1420 1:38-1:50am w/announced f/c, very low tone w/ID @ 1:41am, rough w/WHK & new pest in these parts, WJVS. 1:58am, a tune down to 850 found non-stop oldies going, so I stuck with it and found it to be WJW, evidently with a new format. And a f/up went to WHNR-1350, to the attention of the v/s listed in that respective column. The only feries back are a nice v/l from WWOI-1420, & a mimeo v/q from WCJW-1140, reported dated 2/18/74, received on 12/5/77, no f/up sent. Total is now at 912. Thanks to all who reported the WCHE TEST, and keep in mind that our f/c is done now at 912. Thanks to all who reported the month from 12:30 to 12:45am, w/900 hertz tone. I will also be having a PoP sometime in January if t'ings go right. I should be able to get back into some more serious listening after the holidays. I hope you have a good one. WFER-1300 is still off MMs only; WERE after 1:30 here.

SEVERAL OF YOU HAVE SUBMITTED MORE THAN ONE REPORT FOR THIS ISSUE. OUR RULE IS ONLY ONE MUSE OF NO MORE THAN 30 LINES PER ISSUE - BUT, WE'LL GET YOU ALL CAUGHT UP WITH OUR NEXT ISSUE. OK?

GEORGE C. GREENE - 1527 Sunset Avenue - Akron, Ohio - 44301

Hi all! Time for a long-overdue Musing from here. Only recent additions to the BCB Log have been: WKVA-1550, w/MoR/rr ariund 7:10pm on 9/13; & WDOC-1310 @ 7:25pm on the 28th of September. I was down to Columbus over the 11/19 weekend, & did some beverage antenna DXing, along with Columbus DXers Pat Flanagan and Dave Hammer. About 900-1000' of antenna was strung through the back lot behind Dave Hammer's apartment, heading in a NW direction. We first began listening at SSS Saturday evening 11/19 but CX seemed to be very AU, and most of the loggings of note were in a southerly direction. We did, however, hear WMAX-570, WILL-580, & WIND-560, but the rest were such as WOOV-950, KFFA-1310, KIXZ-940, KOAM-860, WWNC-570, & WKYY-570. Next day though, some checking was done also, & the likes of WMBE-1380, WFWR (along with semi-local WKRT-Wilmington)-1090, WILL-580, (instead of WCHS Charleston), WKMI-1360 WSTH-960 were heard, plus WHO-1040 & probably the most unusual daytime catch, KCMO-810. I would like to say that I enjoyed the LINCOLN Convention, & hope to make next year's once again. For those I haven't mentioned it to, I am now employed by the City of Akron, in the Finance Dep't. This, of course, cuts down considerably on my weekday travelling, hi, but I've made up for it on weekends, hi. In some local radio news, the WWNE-1100 sale to Combined Communications has gone through, & also the WMGC-1260 sale is almost done. WMGC is supposed to be switching back to T-40 once again. I am looking forward to attending the LADS GTG over New Year's. 73.

MIKE TUOGLE - 909 Moores Mill Road - Bel Air, Maryland - 21014

Veries: v/r WLIK-1270 & v/q WOPC-940 & WRVA-1140, all unsigned. WRVA said nothing of their intent for a call change as mentioned in a previous DX NEWS. Is this some kind of nasty rumor going on? I must admit, this would be a neat way for a station to get a flood of reports. Eric Fader: Your 790 weirdo is likely CHIC - I have heard the Italian broadcasts also, but listen carefully, they give out "CHIC" IDs in EE. Another fantastic AU 12/2-4 or thereabouts - the AF's for this period and for 10/31 should be quite interesting. No traces of WEZ, WKEW, & WPOP - I can't begin to tell you how much I missed them! 12/2- WLCY-1380 Fla. & WPCP-940 Miss. in @ SSS good enough for reports. Later on, SS noted on 820, likely Colombia, but not IDed because of slop from PJB-800 (x-tal set selectivity is not like superhets). SM 12/4 was my best session of the season - I warmed up with unns WBAP, WLAC, & KXEL & WHO. Then came KLRN-1010 Ark, for state #30 pretty as you please - no trace of WINS. And my first Mexican, KXI-730 w/Jose Feliciano mx & Eh-kees IDs. Probably Mexicans also heard on 800 (XEROX) & 900 (XEW). SSS 12/4 yielded more southern outlets including WESC-1550, WLAT-1330, & WBAM-740. I was quite intrigued by the DDXD reports of the new FFC, CJVA, on 810. I have recently heard FF on 810 but figured it was PJB slop or something, although at the time PJB was not heard on 800 - so it may well have been CJVA. Best listening to all!

JOHN ROUSE Jr. - "The D.C. DXer" - 2703 Bartlett Lane - Bowie, Maryland - 20715

Hello again. I got three new veries, WPAQ-740 Mt. Airy, N.C., WBAM-740, Montgomery, Ala, both daytimers, and WTMJ Milwaukee. Total number veried is 20 states, logged in is 32. Florida has been coming in like mad. I got WSUN-620 St. Petersburg w/QRM from WTMJ, & WHEI-920 Melbourne, & I think WSRF-1580 Ft. Lauderdale. Recent loggings: WLEZ-620 Bangor, Me. QRM from ETWJ/WSUN. CMJN-720 Colon, Cuba (SS), strong ID (I speak some SS). KSL-1160, Salt Lake City. Reports out to KSL WBOC CHM WSUN WFER. In my last Musing I forgot to list a couple of veries: WDEL, WCCO, WBAL, WQXR, WNEW & WGN. I plan to try for the KEOI, KTLI, XVNU, CKSW, KNFT, WORX & WJOB TESTS. I read an interesting article in the December issue of "73 magazine" about BCB DXing. Well that about raps it up, so long, see you in the next issue. 73s  
(Please double space, John?)

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830

11/17- WYKR-1490 Wells River, Vt. a toughie - I listened to 1490 over an hour before I heard an ID but well worth it to finish up Vermont and verie in already. 11/28- Caraquez M.B.-810, CJVA? murdering WGY from SSS on. At 10kw & 475 miles really hurts WGY at 50kw and 150 miles - heard nightly since. 11/30- WFTQ-1440 ex-WNCR using this call today - leaves three to go in Mass. - WMRC WJMQ WITS (last two not in use yet). 12/6- WARD-1540 Pittston, Pa. to 4:30 s/off o/WRCP/WPTR, rare one here, not heard since call change - I was looking for WKIC (ex-WRCM) but no sign of them yet. 12/8- WZZD-990 at SSS o/u WANT & then covered by WVIC. 12/10- CKJD-1110 at SSS & to 5:01pm when they vanished - this one's DA must really work! 12/12- WRIE-1330 @ 1:20 giving school closings - I don't know if it's a regular AN or not. TT on 1450 @ 1:42 & on past 2:08 tuneout - breaks, but no IDs heard. WWRL still on @ 2:20. WTR heard s/off TEST @ 2:45 w/WTAE also testing. AN u/WAKR giving a 459--- phone number & Md. & Del. NX with "Hot Line". (That's WQIQ, Stan -ERC) A TT & ID @ 3:16 seemed to be WQIQ & 3:24 - murdered by the other two - tentative sent, as WQIQ is needed here. At 4am, a third station with Fam NX was on top for a few minutes - but was "national" stuff, not local.

ERNEST J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

MERRY CHRISTMAS & HAPPY NEW YEAR to all my NRC friends. I haven't DXed much this Fall except for a little MN's & SSS. Some catches are a call change for my local, KXMH-1490. 10/7- KSGI-900 Wichita, ex-KBUL for s/off; 10/10- WAEN-1590-TEST. 10/30- WILA-1580 Danville, Va. s/on & WAMW-1580 Washington, Ind. s/on. Then KBUP-1050 Garden City, Kan. s/off. 11/4- KOKN-1500 Pawhuska, Okla. s/off-SSB @ 6:15. 11/6- WRCG-1220 Midwest City, Okla. s/off @ 6:30. 11/7- KXIV-1400 Phoenix, for r/c-TT 1k 2:50-3 with break every ten seconds. KQMW-680-TEST. 11/11- KNCB-1320, Vivian, La. s/off-SSB @ 6:15. 11/13- KXYH-850 Houston, s/off @ 6:30. They had fire and were non-directional. 11/14- KXNU-610-TEST. 11/16- KXS-1370 Iola, Kan. fo new call @ 6:15 s/off, ex-KALN. I suggest Mexican & Cuban stations be included in the next NRC Domestic Log. Please vote for the Convention City!

A GREAT TURNOUT, MEN! LET'S DO IT AGAIN SOME TIME - LIKE NEXT ISSUE, MAYBE? DOUBLE SPACE!

RON KISSER - 1818 Mariposa Lane - Fullerton, California - 92633

This being the first Musing from "The Quiet DXer" an intro is in order. I'm 17, a senior in high school, & a DXer of only two years. On 7/16/75, I received my first DX, which was MOA-850. I got so excited that I got up at 3am EVERY NIGHT for a week after that! My RX was an old Packard Bell model, until I got me a DX-160 at Christmas-time '75. Unfortunately though, when I got my DX-160 I left my DXing and went into SW. Soon after though, I came back to the BCB, & just in time too! I no sooner logged all those powerhouses around 640 when KFI went NSP! Speaking of smelly gophers, this is when I began wondering about a good antenna. At present, I am in the market for a good loop antenna. I've heard good rumors about the San-serino model, and am interested in any material about it from some of you out there who have them. Any info regarding these antennas is appreciated greatly, with postage reimbursed. Surprisingly enough, without such a good antenna set-up, I have been able to give myself a record of 27 states verified out of 29 heard, with five Canadian provinces verified also. The Thanksgiving Contest gave me a chance to go after some of those GY stations that I have wanted to tune in to without the "Early-Morning Procrastinations" against DXing. New loggings of the contest are (on GY) KMBY-1240, KROY-1240, WVOY-1400, KTIIP-1450 & KIXX-1450, all logged on 11/25. Also on 11/25 I heard GYOM-1250 w/a s/on @ 6:30 ELT w/many, many IDs. It was eaten up by all those other Central stations signing on also, though. That's my DX for now. In the way of the Summer Convention, I hope that it will be held in Atlanta, because I will be in THAT area at THAT time. I sure hope to get my Sanserino soon! 73s & C U shortly! (We hope so, Ron, & welcome to the NRC & Musings! Check in often, but please double-space! -ERC)

ALBERT S. LOBEL - 10514 Caminito Baywood - San Diego, California - 92126 714-566-0092

IRCA Tele-Ad. It has been some time since I last introduced myself to NRC-ers, so a re-intro is most certainly in order at this time. I am 30 years old, have been married for 8 years; my wife's name is Helene. We have no children. It was 11 years ago that I started DXing & I've been a serious DXer for the last nine years. In addition to NRC, I belong to the following clubs: IRCA, LMCA, WTFDA, & SCADS. I subscribe to the ANARC Newsletter. My main interest is BCB solo by SW, FM, LW, & last but not least, TV. A lot of you have on occasion called me by the nickname of "Al." I would much prefer it if you'd please not do this. I'd rather be called "Albert" as I despise the nickname of "Al!" I usually stay up & DX all morning on Monday. Prepaid phone calls are most welcome on MN's from 8pm Sunday night through 7am PLT. If you have a question about a Southern Cal. station or just want to yak feel free to call. I'm always interested in hearing from other DXers. 73 & good DX to all NRCers, everywhere - you too, Capt. Glotz; wherever you may be missing to! (He seems to be MIA! -ERC)

CARL W. DABELSTEIN - 8209 West 78th Street - Overland Park, Kansas - 66204

I haven't been doing too much DXing this season due to the lack of CFC TESTS, but thought I'd send a report in anyway. 10/20 brought the s/on from WNCQ-1320 Mayfield Ky. 7. Much-wanted KOPY-1070 Alice, Tex. (Tex. #170) heard on 11/10 @ 6:30 w/a special NX program about a local manhunt. On 11/14 I snagged HRQ-1250 in San Pedro Sula, Honduras, @ 4:52 s/on. All-new KOMP-1010 in Brush, Col. heard on 11/15 @ 6:45 s/off. 11/28 brought unnn WJOB-1080 Port St. Joe, Fla. s/on @ 7. They stayed on top until the s/on from WKAC in Athens, Ala. @ 7:15. On 12/2 I caught WJL-1500 in Marion, Ky. s/on @ 7:15. Latest veries to come this way since last report have been: WPM-1580, KETC-1250, WYLS-1350, WYSH-1380, KPIA-1580, WNGO-1320, WTGA-1590, KEGH-1130, KVOI-1400, KWOS-1240 & KGRN-1410. The verie from WNGO gives me 14 states with 50 or more veries. Best states are Texas with 161 and Missouri with 108. Total veries are now at 1,935. I enjoyed checking into the NRC Net several times and talking to Ross, Dan, Chuck, Mark & Al. One other point, I sure enjoy talking to DXers on the telephone, but please, not after 11pm ELT. 73s & best of DX in 1978.

PAUL SWEARINGEN - Box 500 - Moran, Kansas - 66755

Noting the distress of past Musers who predicted the demise of Realistic's TRF, I shot off a letter to Radio Shack in Fort Worth, saying nice things and asking the big question - will there be a TRF in the future? Four weeks later I received my original letter with this Speed Reply pencilled at the bottom: "Dear Mr. S.: We have no plans for dropping 12-655. Thanks for your comments. The design originated at its factory in Taiwan. Glad you like it. Merry Xmas. Tom Harris, Buyer." So that question is resolved. DX around here this season has been minimal, due to work and an impending marriage (mine, on Dec. 26). She got excited once when she heard Dutch on FJB-800, so she may turn out to be a DXer, too. I did get up early on 11/28 to log LUG-1140 plus two Mexicans and a Cuban (yawn). I'm still trying to pull audio out of the 1403 het. Also, who is SS on 535a? I normally would dismiss audio below 540 as spurs, but I've heard it on three different radios. Whozitt! Merry Christmas to all DXers - and a Happy New State or Country, too! (CONGRATULATIONS, PAUL! -ERC)

BRUCE REYNOLDS - Route 2 - Box 608 - Warrensburg, Missouri - 64093

Season's greetings! I thought I would check in just to let everyone know I'm alive, though inactive. Although a bit belated, a tip of the hat to the LINCOLN Convention Committee for a great job! It was a pleasure to renew some old acquaintances from St. Louis-1969 and various get-togethers; also to meet a number of new faces. Good DX to all in 1978!

WE CONCLUDE OUR COMEDY DIVERSION IN "GOTHBALL MEMORIES" ON THE NEXT PAGE AS WE WIND DOWN OUR XEPF'S QOF INTERVIEW. WE HAVE ON HAND SOME MORE SERIOUS AND INTERESTING CONTRIBUTIONS TO THIS SECTION ON HAND FROM: ERIC W. CRUSER, MARK CONNELLY, W. R. MCINTOSH, and NORM MAGUIRE. DARNED IF WE REMEMBER WHICH ONE'S FIRST, SO WE'LL TURN 'EM OUT IN ALPHABETICAL ORDER, SO NEXT WEEK WE'LL READ OF MARK CONNELLY'S RECOLLECTIONS OF THE EARLY SIXTIES. WE'D WELCOME SOME MORE TRIPS BACK INTO YESTERYEAR BY THOSE OF YOU WHO HAVE SOME FOND EARLY DX MEMORIES! PLEASE!



## FOOTBALL MEMORIES

CHAPTER LXVII - CONCLUDING OUR INTERVIEW WITH "THE CHIEF ENGINEER OF XERF-1570", FEATURING ERNIE "LEFTY" COOPER AND JIM O'BRIEN AT THE 1958 WHITE PLAINS CONVENTION.

ERC: Say - once in a while we note XERF not on the air during the early morning hours. What's the trouble when this happens?

JIM: Some months we do not make too much money and we cannot pay the electric bill.

ERC: Like they say, who's minding the store when you're away?

JIM: Not? (With a Jewish accent)

ERC: Don't step out of character now, Pancho - we're almost finished. I mean, who's running XERF while you're on vacation?

JIM: Oh - now I have you. Fidel Castro.

ERC: Fidel Castro?

JIM: Si; he's the only one with as much power as we have.

ERC: Tell us about your antenna.

JIM: It is two towers, Senior - 300 feet tall.

ERC: Where did you get them - from Collins, or RCA, or Truscan, or where?

JIM: It was quite simple, senior - we saved green stamps. They are usually guarded by two wild Chihuahua dogs.

ERC: (laughs) Wild Chihuahua dogs? What makes 'em wild?

JIM: We feed them some of the stuff we advertise over XERF.

ERC: Is there much crime in Mexico, Pancho?

JIM: No more than anywhere else. We had a big bank robbery the other day before I came up here. They are looking for a bank teller who is five feet eight inches tall and three thousand pesos short.

ERC: What is the big national holiday in Mexico, senior?

JIM: Pancho Villa Day - not his birthday, you understand, but the anniversary of his first stick-up. We have a big fiesta - you know - a fiesta - that's a bazaar with hot peppers. He and ten cabaleros attacked a railroad station and got 100 centavos, a used time table, and ten cases of Doctor Pepper's.

ERC: Well now, that's about all the time we have, senior, so won't you tell us, in closing, what you think of the National Radio Club?

JIM: What I teenk of the Nacional Radio Club?

ERC: Uh huh.

JIM: That is easy, senior - (gives loud raspberry).

ERC: And thank you so much, Senior Pancho, Chief Engineer of XERF!

PETER A. CLARIUS - 1583 Castleton Avenue - Staten Island, New York - 10302

I do not bother with veries any more but I still keep a log and since my last Muse I have logged the following: WCLN WWCW WGOE WJLN CWJD & last evening I logged CHTN on top of WQWD @ 5:21pm EST, which I thought was pretty good. The past few nights I have had WHUN on 1350 signing off @ 4:45pm. (1150, no? -ERC) For the past few mornings around 5 I have been hearing what seems to be an SS on 1160 but cannot determine who they are. I keep listening to 1150 and try and hear WACQ but all I get is WHUN & DEL & WRUN. The other night on KXEL around 8pm they said they have nightly listeners "in Vermont" as well as 23 other state so they really get out. I do plan to be at the next Convention. As a supplement to DXing I have as a hobby listening to the NRCcasts, traffic & WX from distant points and some nights I get it all at 5pm on WBZ and some late afternoons I can hear WSFR about 5:30pm. Regards to everybody & thanks for talking me into coming back in the NRC. (Thanks for coming, Petel -ERC)

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337

We had nice phone chats with Bill Coleman and Steve Bohac this past period. And we got one more verie, which completes Vermont for me, WNHV-910, v/1-CM & goodies. Nice showing of Musers this week, guys - 53 as I count then, or about one out of every 14 members! I've sent my #1 HQ-180 to Steve Bohac for diagnosis and operation - it got there, even in the Christmas rush, in three days via UPS - nice going! DX Down the Dial: 12/7- My "friend" TKG in again on 1240 1:41 to 2:07 s/off, if he'd only reply! An SS on 1340 also today, but I can't get him in long enough to find out who he is, or even where he is. UnID TTer on 1490 2:36-2:50 & on. At SSS, a bit of WHPN-950 made it between WRYT's 4:15 s/off & their own 4:30 ditto, not enough for a second report, main interference was from WIBX. 12/9- Once more, TKG in on 1240, 1:01-1:24 & on. Unfriendly WINT-1270 in/out on their AM c/w show. Unn, but long unheard PJC-2-7 in on 1500 @ 2:17, with talk in an unfamiliar tongue, likely Papiemento. Unn WHOO-990 barreling in on ET/mx @ 2:32, almost like a local. 12/10- UnID TTer on 1590 at 1:11-1:19, old local WQXR-1560 testing this AM w/chamber music. SM 12/11- An otherwise unID R.C.N. Colombian quite strong on 1180, who is this chickadee? And there he is AGAIN - TKG-1240 - you SS-chasers, go after this one if you don't have a local on 1240 between 1 & 2! An FTG was on top after T? went to bed, 2:03-2:06 fadeaway. The 740 SS is still there, but the only clue continues to be "Provincia Centrale" after each record. MM 12/12- AA chanting on 827 quite strong, I'm "thinking" of sending a report to him - do Moroccans verify these days? No sign of the one-minute WIXY-1600 f/c @ 2:07 today; somebody there with music, though. Recently verified YNAV-860 was ANing today, with a healthy signal indeed. WQD-610 was on top w/c/w - has WIP quit ANing, by any chance? WSI-650 was ANing 3:21, or so it seemed. A strongish SS was holding down 810 3:15-3:38 & on, till the s/on of Sutezanza 3:48 or so, no hints as to who he is - maybe next MM 12/19, I hope I hope I hope. WHIR-1250-TEST off 2:41, & WTAE right back of him also going off a test. R Popular-920, Santo Domingo, was heard 3:37 but he dug into the mud too soon for a report. 12/16- UnID TT-1420 2:18-2:27, & the SS-1340 was peeping through 2:45-3:15, seems to be a Colombian, but he's hard to hold on that channel, as you might surmise. Unn WSGA-1400 in again, it musta been A-roral. OK - C U N B!

## V. GENERAL BCB DXING

- A sensible woman will understand the hours a DXer keeps, but your wife never will.
- Tests which could be heard will be slept through.
- Tests which you wake up for will not be heard.
- Fading intensifies upon the hour and half hour.
- Muddy audio gets muddier on tape (attributes to Edmunds)
- Neighbors will blame you for any and all interference on TV reception.
- DXers who enjoy SSS are doomed to a life of working second shift.
- All Unid TTERS will ID 30 seconds after you tune out.
- Unid TTERS that are not tuned out will never ID.

## VI. CONCLUSION

In some cases where no reference is given, the source material was misplaced during preparation of this paper (another example of Murphy's Law). In accordance with the law, these misplaced documents will turn up on the date of the publication of this paper.

Edsel Murphy, the man who developed one of the most profound concepts of the last century, practically unknown to most DXers, became a victim of his own law.

His real contribution lay not merely in the discovery of the law but more in its universality and in its impact. The law itself, though inherently simple, is the basis on which future generations will build.

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N. Y. Times via Malcolm Kaufman

## Since 1942, WNYC Has Been Fighting To Reach the City

By LEE DEMBART

Because it broadcasts with low power, New York City's radio station WNYC-AM cannot be heard in half of the city at night. In most of the Bronx, parts of Brooklyn, Queens and Manhattan and all of Staten Island, interested citizens hear nothing but static when they try to tune in on WNYC's programs of consumer advice, health and nutrition, city services for the aged and many important city, state and Federal meetings, as well as United Nations sessions.

In an effort to move its transmitter from the Greenpoint section of Brooklyn to Staten Island and boost its power so people can hear it, WNYC is embroiled in the longest-running case ever held before the Federal Communications Commission, a case that started in 1942 and has dragged on in its present form since 1964 and a matter that is still years from conclusion.

A half-million dollars in lawyers' fees have been paid by New York City for WNYC and by its massive opponent, WCCO in Minneapolis, which argues that increasing WNYC's power will illegally increase interference with its own broadcasts on the same frequency, 830 kilohertz. If WNYC loses the case, it will have to stop broadcasting at night, which it has done under emergency wartime authority since 1944.

Actually, the AM station is an anachronism, a relic of the idea that radio would be an important medium of public service, but it still has 300,000 listeners a week who would lose that kind of programming altogether if WNYC did not provide it.

"When you're doing talk and when you're doing talk about services, the audience tends to be old," said Arnold Labaton, the director of the station. "The AM station's audience is poorer and less well educated than the audience of the FM station, which broadcasts classical music."

### \$300,000 in Contributions

Since the onset of the city's fiscal difficulties, the city's stations have appealed to the public for contributions. Last year, 15,000 listeners sent in \$300,000 toward the \$2.3 million budget of WNYC-AM, WNYC-FM and WNYC-TV, Channel 31, but neither the FM station nor the television station is involved

in the case before the F.C.C. Hearings concluded a few weeks ago after filling 112 volumes with 12,172 pages of testimony.

It has become an interminable battle between a rich, profitable 50,000-watt station in Minneapolis and a stepchild of a station with only 1,000 watts in New York. WCCO, a CBS affiliate, is the No. 1 station in Minneapolis, booming out a talk-and-middle-of-the-road program format all over the Middle West. WNYC-AM, a member of the National Public Radio Network, devotes 40 percent of its time to public-service programming.

Besides fighting WCCO, WNYC is also pitted against organized opposition on Staten Island, where residents are angry about the station's plans to erect six 340-foot towers there. Every elected official on Staten Island is on record against the towers. The Staten Islanders have even received technical advice from WCCO, which paid for one of them, a local leader of the Parent-Teacher Association, to go to Washington to testify against WNYC.

"Just about every civic and community group on Staten Island has come out in opposition to the towers," Anthony R. Gaeta, the Borough President, said in an interview. "The towers would be a tremendous price that we would have to pay for something we don't need."

### Clear-Channel License at Issue

At the heart of the dispute is WCCO's clear-channel license, which gives it the right to be the only station in the continental United States to broadcast on 830 kilohertz at night, when the ionosphere rises and radio waves can travel long distances.

The clear channels were set up originally to insure that every area of the country would be able to receive at least one radio station without interference.

To cut down interference with WCCO, WNYC beams its signal away from Minneapolis after sunset. As a result, the signal does not cover all of New York City, but is still strong enough to destroy WCCO's signal in western Pennsylvania and some other sections of the country.

Since World War II, WNYC has been trying to win permanent authority to broadcast at night, and since 1964, it has been trying to get the F.C.C. to approve its plan to build the new transmitter-antenna array on Staten Island and broadcast with 50,000 watts, the same as its Minneapolis competitor. Up and down before the F.C.C., the case is now before its fourth administrative law judge. If no settlement can be reached, the case can be expected to go to Federal court after the full F.C.C. renders its decision, perhaps two years from now.

WNYC's director, Mr. Labaton, and the city's Corporation Counsel, W. Bernard Richland, both argued that WNYC performed a unique public service that would not be duplicated by any commercial station and that it had operated at night for 33 years and should not be shut down now. But WCCO's lawyer, Peter Shuebruk, said: "The question is—is the commission going to enforce its own rules, or is it going to grant some kind of a waiver to WNYC because of its allegedly fine local service?"