



# DX NEWS

*the magazine of the  
National Radio Club*

**SINCE 1933**

Volume 48, Number 25 Monday, May 11, 1981

## STATIC FROM HQ

As almost everybody knows by now, Louisville's most noteworthy event is now history and Pleasant Colony won the 107th running of the Kentucky Derby on May 2. In other not-so-noteworthy news, its time once again for your favorite DX publication, and once again we have a big issue to suit the tastes of almost any member!!

Due to some confusion over deadlines, we have received a Musings column from Ernie Cooper who managed to type a partial column while serving on jury duty. The column from substitute editor Dave Yocis has not arrived at press time so those of you who sent a muse to Dave will see your contribution in print next issue, which will be dated June 8th.

The 1981 edition of the ANARC Convention will be held in Thunder Bay, Ontario, Canada and will be sponsored by Canadian S-W-L International. Dates will be July 17, 18 and 19 at the Airplane Motor Hotel in Thunder Bay. In order to have an assured hotel reservation, your reservation form **MUST** be received at Convention HQ in Thunder Bay no later than June 15. Application and reservation forms are available from the Convention HQ at the following address: ANARC '81, P.O. Box 142, Thunder Bay, Ontario P7C 4V5 CANADA. Please include a SASE!!!

The GWDXA Convention will be held June 25-28 in Chicago. See ad inside for more details or write Mark Strickert, 2507 N. Kimball, Chicago, IL 60647 for details. Please include a SASE with your requests!! See page 31 for details.

The new VOA-1580 outlet in Antigua and the Anguilla station on 1610 have been noted here in Louisville the past two weeks—more info inside in IDXD. The 1610 station, while providing a new country, sure kills any opportunity to log the growing number of TIS on that channel.

## CPC TESTS

Several CPC TESTS to offer this issue, there still is an opportunity to log a new station, even in the month of May.

- 5/11 Mon. WSUM-1000 Parma, OH 0300-0400 ELT using 500 watts directional to the Northeast. Format to be religious music and many ID's. Prepaid calls **ONLY** will be accepted at (216) 578 1111, but verification will be made or only on reports that are mailed. Reports should note exact times music and ID's are made. Reports to: David S. Johnson, Tech. Dir., Mortenson Broadcasting Co., 619 Ameritrust Bldg., Canton, OH 44702. Arranged by John Kronka & Tim Davidson/NRC, also Dave Arbogast/GWDXA. Alternate date for this TEST is May 18.
- 5/11 Mon. Radio Paradise-825 Basseterre, St. Kitts on ALL NIGHT with a Mother's Day request program. This is an annual feature at this station per Ernie Cooper/NRC.
- 5/11 Mon. KHYM-1060 Gilmer, TX 0300-0400 ELT using 10,000 watts with Gospel music and tones with code ID's. Reports to: John Kingston, P.D. KHYM, Box 160, Gilmer, TX 75644. Arranged by Saul Chernos/GWDXA and Al Ogrizovich/former IRCA member.

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\* As promised last issue, we have a surprise announcement concerning publications/reprints. See page 11 bottom for details of reciprocal arrangement arrived at jointly by your club and the IRCA for the benefit of ALL members of both clubs!!!!

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

## AM SWITCH

JOHN BOWKER  
14 CANOE BROOK DR.  
PRINCETON JCT., NJ 08550

This is a pretty full column this month, chaps. JOHN CLEMMER wrote to comment on my tag line last month about WPRL having an unlisted number! John points out that they changed their call sign (as reported in AM SWITCH of course) and had balled up the phone company regarding what to do with calls such as mine! JERRY STARR has been a frequent correspondent always with good ideas, corrections, suggestions...he'd make a good editor of AM SWITCH someday. Like tomorrow, maybe? (Just teasing, Jerry...but the job is always open!)

## STATION CHANGES NOW IN EFFECT:

## Changes in call sign of existing stations:

620 - WLBY - Bangor, ME is now WACZ	1320 - KATR - Eugene, OR is now KQDQ
680 - WWBA - St. Petersburg, FL now WWLF	1430 - KOSI - Aurora, CO is now KEZW
900 - KFRB - Fairbanks, AL is now KCBF	1440 - WJBQ - Westbrook, ME is now WMER
1050 - WSCV - Peterborough, NH now WRPT	1460 - KVRE - Santa Rosa, CA now KQTE
1050 - KFMJ - Tulsa, OK now KRAV	1480 - KARO - Vancouver, WA is now KVAN
1110 - KCIA - Humble City, NM now KYKK	1490 - WLRQ - Whitehall, Mich. now WPBK
1150 - WHUE - Boston, MA now WSNY	1520 - WGOR - Toledo, OH is now WVOI
1250 - KSWW - Wickenburg, AZ now KUUK	1550 - WLOA - Braddock, PA is now WCKG*
	1560 - WUME - Paoli, IN is now WKXX

\* WLOA became WFFM briefly.

## New Stations on the Air:

1130 - WYNO - Nelsonville, OH	1450 - KMKR - Meeker, CO
1440 - WZYX - Cowan, TN	1490 - KGUD - Banning, CA
	1600 - WSLK - Hyden, KY

## STATIONS AUTHORIZED TO CHANGE FACILITIES:

670 - KBOI - Boise, ID will increase power to 50,000/50,000 w. non-D  
 980 - WILK - Wilkes Barre, PA will go fulltime with 5000/1000 w. DA-N.  
 980 - WCUB - Manitowoc, WI will go fulltime with 5000/5000 w. DA-2.  
 1000 - KMLQ - Vista, CA granted mod. of existing CP for 2500/250 w. DA-2.  
 1050 - WCGA - Conyers, GA will remain daytimer increasing to 1000 Watts.  
 1130 - WSJP - Murray, KY will remain daytimer, increasing to 1000 Watts.  
 1180 - KOFI - Kalispell, MT increasing power to 50,000/50,000 w. DA-N.  
 1220 - WAXO - Lewisburg, TN remains a daytimer, increasing to 1000 Watts.  
 1320 - WAGY - Forest City, NC will go fulltime with 1000/500 w. non-D.  
 1330 - WFTO - Fulton, Miss will remain daytimer, increasing to 5000 Watts.  
 1380 - KBCH - Lincoln City, OR will move to 1400 kHz using 1000/250 Watts.  
 1410 - KCJH - Cleveland, TX will increase to 1000/1000 Watts.  
 1530 - WHIY - Moulton, Ala. will increase its day power to 2500 Watts.  
 1600 - WDNV - Dansville, NY will go fulltime with 500/250 w.

## CONSTRUCTION PERMITS GRANTED BY THE FCC FOR NEW STATIONS:

560 - New - Brentwood, TN will have a 500 w. daytimer.  
 620 - New - Lexington, Ala. will have a 500 w. daytimer.  
 680 - New - Bountiful, UT will have a 1000 w. daytimer.  
 1270 - New - Hot Springs, VA will have a 1000 w. daytimer.  
 1310 - New - Troy, PA will have a 500 w. daytimer.  
 1340 - New - Heber City, UT will have a fulltimer! at 500/250 w. non-D.  
 1560 - New - West Lake Hills, TX a fulltimer with 2500/2500 w. DA-2.

## APPLICATIONS FOR NEW STATIONS:

600 - New - Santa Ynez, CA wants 1000/10,000 non-D.  
 640 - New - Kingsley, Mich. wants 10,000/1000 w. with DA-2.  
 650 - New - North Las Vegas, NV wants 10,000/10,000 w. with DA-1  
 660 - New - Window Rock, AZ wants 50,000/50,000 w. (no mention of DA1)  
 700 - New - Winston, OR wants 25,000/500 w. with non-D antenna.  
 770 - New - Riverbank, CA wants 1000/1000 w., non-D.  
 820 - New - State College, PA wants 50,000/5000 w. using DA-2  
 830 - New - La Mesa, CA wants 10,000/2500 w. DA-N  
 830 - New - La Mirada, CA wants 50,000/1000 w. DA-2  
 830 - New - Los Angeles, CA wants 5000/1000 w.  
 830 - New - Orange, CA wants 2500/1000 w. DA-N.  
 830 - New - San Jacinto, CA wants 50,000/5000 w. DA-2.  
 830 - New - San Marcos, CA wants 1000/1000 w.  
 830 - New - Santee, CA wants 2500/1000 w. DA-N.  
 830 - New - Tucson, AZ wants 50,000/1000 w. DA-N.

880 - New - Gonzales, CA wants 5000/1000 w.  
 880 - New - Shreveport, LA wants 10,000/5000 w.  
 1030 - New - Memphis, TN wants 50,000/10,000CH/1000 w. DA-N.  
 1040 - New - Chula Vista, CA wants 1000/1000 w.  
 1160 - New - Fenton, Mich. wants 1000/1000 w. DA-1.  
 1200 - New - Decorah, IA wants 2500/1000 w.  
 1200 - New - Frankfurt, IL wants 5000/1000 w. DA-2.  
 1210 - New - Washington, UT wants 10,000/250 w.  
 1330 - New - Sisseton, SD wants 1000 w. daytimer.  
 1400 - New - Elmwood, Mich. wants 1000/250 w.  
 1540 - New - Greenwood, Miss. wants 1000 w. daytimer.  
 1570 - New - St. Mary's, Nev. wants 1000 w. daytimer.

## STATIONS APPLYING TO CHANGE EXISTING FACILITIES:

540 - WARO - Canonsburg, PA wants to remain daytimer, increasing to 1000 Watts.  
 560 - WGAN - Portland, ME wants to change its DA-1 antenna system to DA-2.  
 850 - WKBZ - Muskegon, Mich. wants to change from 1000/1000 w. to 10,000/1000 w.  
 850 - KTAC - Tacoma, WA wants to move to 840 kHz and use 10,000/1000 w. DA-2.  
 870 - WHCU - Ithaca, NY wants to go fulltime with 5000/500 w. DA-N.  
 900 - KTKR - Conroe, TX wants to move to 880 kHz and use 10,000/500 w. DA-2.  
 930 - KSWB - Seaside, OR wants to move to 840 kHz and use 1000/500 w. non-D.  
 940 - KIOA - Des Moines, IA wants change from 10,000/5000 w. to 50,000/1000 w. DA-2.  
 940 - WFNC - Fayetteville, NC wants to move to 640 kHz and use 10,000/1000 w. with DA.  
 960 - WSBY - Salisbury, MD wants to change from 5000/1000 w. to 5000/500 w. with DA-2.  
 1000 - WHTH - Newark, OH wants to increase to 1000/1000 w. with non-D antenna.  
 1080 - WEEP - Pittsburgh, PA wants to move to 1070 kHz and use 50,000/2500 w. with DA-2.  
 1090 - WILD - Boston, MA wants to move to 720 kHz and use 2500/500 w. with DA-2.  
 1140 - WQBA - Miami, FL wants to increase its power to 50,000/10,000 w. with DA-2.  
 1150 - KJBC - Midland, TX wants to move to 1180 kHz and use 1000/1000 with DA-N.  
 1220 - KASY - Auburn, WA wants to move to 1210 kHz with 10,000/1000 w. and non-D antenna.  
 1230 - KREW - Sunnyside, WA wants to move to 1210 with 10,000/1000 w. and non-D antenna.  
 1250 - WMTR - Morristown, NJ wants to go fulltime with 5000/1000 w. using DA-2.  
 1280 - WMZZ - Sarasota, FL will remain daytimer, increasing power to 2500 Watts.  
 1320 - KUDE - Oceanside, CA wants to move to 830 kHz (!!) with 2500/1000 w. and DA.  
 1330 - WHAZ - Troy, NY wants to move to 640 kHz with 5000/1000 w. and DA-N.  
 1350 - WLOU - Louisville, KY wants to go fulltime with night power of 500 w. DA-N.  
 1350 - KABQ - Albuquerque, NM wants 660 kHz and an increase to 50,000/50,000 w. DA-2.  
 1380 - KQKD - Redfield, SD wants to move to 870 kHz with 50,000/2500 w. DA-2.  
 1390 - KBEC - Waxahachie, TX wants to move to 770 kHz and use 500/1000 w. DA-N.  
 1400 - KSPT - Sandpoint, ID wants to move to 800 kHz with a non-D 10,000/1000 Watts.  
 1400 - KWLA - Mary, LA would move to 810 kHz, remain a daytimer at 1000 Watts.  
 1460 - KYSN - Colorado Springs, CO wants to increase to 5000/500 w. using DA-N.  
 1470 - WFSR - Harlan, KY would remain a daytimer, increasing to 5000 Watts.  
 1480 - WABB - Mobile, Ala. wants 1160 kHz with 10,000/1000 Watts, DA-N.  
 1480 - KLAY - Lakewood, WA wants to increase power to 2500/5000 Watts with DA-2.  
 1490 - KGUD - Banning, CA wants to increase its daytime power to 1000 Watts.  
 1550 - WMOO - Mobile, Ala. wants to move to 660 kHz with 50,000/1000 w.  
 1570 - WBUX - Doylestown, PA would move to 1160 kHz using 1000/1000 w. and DA-2.  
 1570 - WYHI - Fernandina, FL would remain a daytimer increasing to 5000 w., Non-D.  
 1590 - KCIN - Victorville, CA wants to move to 670 kHz with 1000/1000 w., DA-N.

## STATIONS REQUESTING A CHANGE IN CALL SIGN:

600 - WAIV - Jacksonville, FL wants WJYJ	1310 - WBIO - Parsippany, NJ wants WXMC
740 - WCAS - Cambridge, MA wants WRPW	1320 - WKTQ - Pittsburgh, PA wants WBZT
950 - WAGG - Franklin, TN wants WTJT	1340 - KZNG - Hot Springs, Ark., KWBO
990 - KRIH - Rayville, LA wants KXLA	1390 - WAKA - Cainsville, IL wants WKGR
1000 - WVOV - Huntsville, Ala, WTAK	1390 - KQDS - Duluth, MN wants WNLT
1050 - WZIP - Cincinnati, OH wants WTSJ	1440 - WOHN - Herndon, VA wants WNVN
1060 - KKKQ - Tempe, AZ wants KUKQ	1500 - KXRX - San Jose, CA wants KSJO
1150 - KOLJ - Quanah, TX wants KGEQ	1550 - WKYE - Bristol, TN wants WBCV
1230 - KGAM - Bakersfield, CA, KGEQ	1550 - KGAR - Vancouver, WA wants KVAN
1280 - KTLK - Denver, CO wants KBRQ	1580 - WYFA - Patchogue, NY wants WLIM
1280 - KLCO - Poteau, OK wants KTEW	

## CALL LETTERS ASSIGNED TO NEW STATIONS NOT YET ON THE AIR:

620 - WWLX - Lexington, Ala.	1060 - WFLE - Flemingsburg, KY
620 - KGTL - Homer, AL	1380 - WEAH - Barraquitos, PR
680 - KFAM - Bountiful, UT	1450 - KDRW - Silverton, Colo.
710 - KUET - Bount Canyon, AZ	1500 - WDEE - Reed City, Mich.
710 - WSVT - Smyrna, TN	

I'll be traveling through the upper mid-west during the last half of May so if the next edition of AM SWITCH is either short, late, or both, forgive me!

John  
4/23/81

# DOMESTIC DX DIGEST

DAVE SCHMIDT  
42 CHELWYNNE RD.  
CASTLE HILLS  
NEW CASTLE, DE 19720

A very nice turn-out this time, thanks to all who sent their tips in. Please keep your tips on one side of the paper, type or neatly write, skip a line between items, EMT, etc. You know, the standard BS-hi! Here goes:

## YES

### SPECIAL:

- 930 WKY OK OKLAHOMA CITY - SP MM 0300-0400, often tests w/tones. Carries RKO Network news evenings. (JZ-OK)
- 940 WIDG MI ST. IGANCE - In response to letter for test, WIDG has been off the air since December 1979. Scheduled to return to air May 1st, format will be CW. ET's were conducted on Good Friday. (IH-MI)
- 960 WPCN PA MT. POCONO - 4/8 0800 began regular operation w/adult programming, POP mx, news, sports, weather, ID's as "Pocono 96". Signal is strongly directional, 27 miles away and the signal is way under WHYL which is 95 miles away. (KG-PA) 4/17 first noted in Gouldsboro, reception at 9 miles WNW is weak, easily nullable. Mix of Top 40 and standards. (HJH-PA) Add.: Mountain Road, Mt. Pocono. CE is Steve Steinis. 4 tower DA. (DS-DE)
- 1230 WBVP PA BEAVER FALLS - 4/13 is back on NSP sked, had s/off MM's for many years, MoR mx. Wipes out 1230 here...oh well. (JS)
- 1240 CBQC NWT FT. PROVIDENCE - Log this while you can, has applied to change call to WBBW. (JS-OH)
- 1330 WASA MD HAVRE DE GRACE - 4/14 0145 noted AN w/rock mx, rebroadcasting WHDG (FM). Fair signal w/very strong auroral cx knocking the rest out. "G-103" ID's. (DS-DE) Yeah, and it's Mike Tuggles' local! (DS)
- KWLO IA WATERLOO - 3/21 2003 good over KSJN w/ID, on new calls, "KW" promo's, ex-KWWL. (RK-IL) (RK-IL)
- 1430 WBMK TN KNOXVILLE - 3/21 0600 fair at s/on w/new calls, ex-WJBB.
- 1440 WHHH OH WARREN - Still using old calls as of 4/20, will eventually change to WRRO, ~~We~~RRen, Oh. Catchy, huh? (JS-OH) Yeah, about as cute as a dimple. (DS)
- 1450 KCDR IA CEDAR RAPIDS - 3/21 1952 good in WXOL null, ex-KLWW. (RK)
- 1470 WGBU PA FARRELL - Now running RKO's "Nighttime America" satellite network AN show, 0000-0600. (JS-OH)
- 1520 KOMA OK OKLAHOMA CITY - As JS suspected in the 4/20 issue, they do indeed reduce power to 5 kw on MM's. One of the few times 1510 & 1530 are DXable here, studio/transmitter are in Moore, OK. (JS-OK)
- 1600 WLPQ KY PITTSBURG - Now on the air w/Top 40 format, 500 watts day w/directional antenna, nulls toward WSLK. (WHEELS-KY)



### OPPS:

### WHLM • BLOOM RADIO

- 980 WPHG VA BRISTOL - Format has not changed to CWm as reported in this column, remains Top 40. This per report from WHEELS and a recent visit to West Jefferson/Lansing, NC by yer editor. (DS-DE)
- 1390 WCSC SC CHARLESTON - Another gun was jumped on this one, remains Top 40, hasn't changed to CW. Maybe I heard KCEY-hi! (DS)

### DX TESTS:

- 740 WCAS Tentative IH-MI. Not heard: JS-OH, RJE-NJ, DS-DE.
- 960 WJCM Not heard: IH-MI, MR-ON, RJE-NJ.
- 1220 WKBK Not heard: IH-MI, MS-MB.
- 1220 WRIB Not heard: IH-MI.
- 1310 WJAM Tentative: RJE-NJ, MR-ON.



### PHILLER:

- 560 WFIL PA PHILADELPHIA - Has joined Enterprise Sports network and runs the AN sports talk show. \*\*(DS-DE)
- 1310 WJOZ PA TROY - CP & call granted on this one, 500 watts non-DA days. Hasn't been in AM SWITCH yet. (JS-OH) You mean we scooped 'em? (DS)
- 1340 KOCY OK OKLAHOMA CITY - Carries Oklahoma City 89er baseball. (JZ)
- 1540 WRCP PA PHILADELPHIA - Now running oldies program Sunday's 1200-1600, "Philadelphia Gold." Also run's "Live at Giley's" and LP show (rock) on Sundays, CW the rest of week. (DS)

\*\* - WFIL picks up the Enterprise network from 0000 to 0100 ONLY! This corrects the above information. (DS)

### FREAKQUENCEE CHECKS:

- 1st MON. . . KILE-1400 w/TT, ID's every min., 0116-0130. (JS-OH)
- . . . KCAA-1560 w/TT, ID. (PRM-NJ)
- 1st WED. . . WSLK-1600 w/TT. (KG-PA, RJE-NJ)
- 1st THU. . . WRLV-1140 w/TT. (KG-PA)
- 1st FRI. . . WRBN-1600 w/dt, 0130-0145, correct time on f/c list. (JS-OH)
- 2nd MON. . . WPHG-980 w/dt. (DS-DE)
- . . . WUME-1560 w/TT, started 0448. (JS-OH)
- 2nd WED. . . WMOC-1450 per list. (RJE-NJ)
- 2nd THU. . . WBHB-1240 per list. (RJE-NJ)
- 2nd FRI. . . WSWG-610 not heard. (RJE-NJ)
- 2nd SAT. . . WXIV-1450 not heard. (RJE-NJ)
- 3rd MON. . . WUSS-1490 per list, tentative w/TT. (EM-FL)
- . . . WAYX-1230 not heard. (RJE-NJ)
- 3rd WED. . . WFIX-1450 not heard. (RJE-NJ)
- 3rd FRI. . . WXAM-1400 tentative. (RJE-NJ)
- . . . WPTR-1450 w/TT. (DR-PA)
- 4th TUE. . . WKEN-1600 w/TT, no ID's, noted 0004-0005 1/2 per call to station. (RK-IL) Nice catch, Bob. They're on long enough to be heard by the monitoring service then shut down. (DS)
- 4th WED. . . WLSM-1270 w/dt, per list. (NZ-NE)
- 4th THU. . . WHPL-610 not heard. (RJE-NJ)
- 4th FRI. . . WICY-1490 per list. (RJE-NJ)
- LAST MON. . . WVFC-1530 not heard. (RJE-NJ)

Can somebody in the Boston area contact CAMBRIDGE CRYSTALS to see if they're still doing their after midnight checks? Seems like there is nothing from the New England area after midnight anymore.

### MIDDAY-MIDNIGHT: (Sub-title: Neal Perdue had his ears on!)

- 550 WKRC OH CINCINNATI - 4/11 1905 OH/IN weather, "55 KRC" ID. (NAP-AL)
- 580 WELO MS TUPELO - 4/8 1945 end of sports, ID, CW mx. (NAP-AL)
- 600 WREC TN MEMPHIS - 4/5 1650 ID then MoR mx. (NAP-AL)
- 610 WIOD FL MIAMI - 4/12 2010 ID, sports/talk phone in program. (NAP-AL)
- 640 WOI IA AMES - 4/12 1950-2000 noted w/NPR National Town meeting program, ID then s/off, last holdout to fill freq., not noted til a very Auroral nite. (NAP-AL)
- WHLO OH AKRON - 4/12 2005 after WOI s/off, end of news, ID then sports/talk. Cuban way down due to aurora. (NAP-AL)
- 710 WROM GA ROME - 4/5 1715 CW mx and ID, good on 700 foot WNW antenna (non-terminated), off the back of it. (NAP-AL)
- 730 KWRE MO WARRENTON - 4/5 1930 National and local weather, ID then MoR mx. (NAP-AL)
- 740 CBL ON TORONTO - 4/11 1945-1955 talk on inequities of land management in ON. (NAP-AL)
- KRMG OK TULSA - 4/11 1745 this noted 1 1/2 hours before local sunset on WNW beverage, wiping out WBAM. Let's drink a beverage to the beverage! (NAP-AL) Hey...he's ALRIGHT! (DS) (Sign 'em up for the next editors job Dick! DS)
- 790 WQXI GA ATLANTA - 4/12 1853 making a rare appearance, ID, many ads, weak signal. (HJH-PA)
- WTUG AL TUSCALOOSA - 4/11 1600 end of ALINET nx, ID, local ads, B/SOL format w/some inflammatory type comment noted. Calls sounded like WTSK, might they have changed? (NAP-AL) Nothing in my records here, Neal. (DS)
- 810 WMTS TN MURPHREESBORO - 4/5 1725 live coverage of homeshow, ID, local ads, CW mx. (NAP-AL) 4/12 1850 strorg o/nullled WGY w/CW mx. (HJH-PA)
- 850 WRUF FL GAINESVILLE - 4/13 2256 xlt w/"85 Live" talk show w/female announc'r, no KOA noted. (KVJ-GA) 4/11 2000 tentative w/semi-ID, Gainesville noted then BBgame. (NAP-AL)
- WMAG MS FOREST - 4/11 1930 s/off noted in sunset jumble, several ID's, advised listeners to tune in WQST-FM. (NAP-AL)
- 880 KRVN NE LEXINGTON - 4/11 2005 end of NE news, national weather, local ads, jingle/ID, time check, CW mx. This allowed by the WNW beverage nulling the Cuban off the back. (NAP-AL)
- 900 CHML ON HAMILTON - 4/9 2035-2055 phone in tax info program, local ads, ID. Xlt on N beverage. (NAP-AL)
- 910 WEPG TN S. PITTSBURG - 4/5 1735 (tentative) ads for Pittsburgh businesses, in mess w/WJCW likely, no ID. (NAP-AL)
- 930 WJBY AL GADSDEN - 4/5 1740 CW mx, "Y-93" ID's, local weather. (NAP)
- 950 WLOP FL ORLANDO - 4/13 1955-1958 dominating freq. w/rr, request line, never heard here before. (KVJ-GA)
- 960 CHNS NS HALIFAX - 4/6 2125 ID, rock mx, Coke ad. (TF-PA)
- 970 UNID 4/13 somebody here briefly w/program promo for "FM-92", nothing else noted. (KVJ-GA) Were your socks on the clock AGAIN? (DS)

980 WKLF AL CLANTON - 4/11 1635 end of ALINET news, ID. (NAP-AL)  
 WBOP FL PENSACOLA - 4/13 1915 caught tail-end of s/off before WKOR took over. (KVJ-GA)  
 WKOR MS STARKEVILLE - 4/13 1915-1930 local like much of the time before s/off, w/rr, AT 40 promo, many ads. (KVJ-GA)  
 WPIP FL POMPANO BEACH - 4/13 1944 good w/usual WRC/WPHG, no WSIX w/the "WPIP Sportsline" show and UPI sports update. (KVJ)  
 WAPF MS McCOMB - 4/13 1931 xlnt w/s/off right after WKOR s/off, never heard this well in the past. (KVJ-GA)  
 990 WEIS AL CENTRE - 4/11 1317 ads for Centre businesses, weather, no ID's noted. (NAP-AL)  
 WABO MS WAYNESBORO - 4/13 1921-1929 bank ad, soul mx then s/off w/America the Beautiful", mention of WABO-FM, no sign of WNOX, a little WHOO. (KVJ-GA)  
 1000 WVOV AL HUNTSVILLE - 4/9 1930 fair in WNOX slop w/CW music, ads, weather then s/off, no SSB. (TC-TN)  
 UNID 4/13 someone here w/CW format w/end of Ralph Emery Show, syndicated program, faded before ID, help? (KVJ-GA) Time?  
 1010 WCNU FL CRESTVIEW - 4/14 1912 in clear w/early s/off, w/slow piano instr. that continues several minutes past end of annct, w/WMOX, no sign of KLRA/WNS/CFRB. (KVJ-GA)  
 1050 KVPI LA VILLE PLATTE - 3/28 1900 AP nx, ID, oldies music. (MS-TX)  
 1080 WCII KY LOUISVILLE - 4/11 2155 CW mx, local ads, "Country 11" IDs, ex-WKJJ? (NAP-AL) Yup...you gut dat write! (DS)  
 1090 WSLG LA GONZALES - 4/20 1930 s/off w/mention of 10 KW, when did this happen? (JS-OH) When you weren't looking! (DS)  
 WJKM TN HARTSVILLE - 4/5 1900 female gave station ID and address, s/off w/SSB. (NAP-AL)  
 1140 WIXC TN PAYETTEVILLE - 4/6 1915 standard s/off fair, played "Dixie" w/mention of "Wixey in Dixie." (NAP-AL) Yuck! (DS)  
 WAKK MS McCOMB - 4/6 noted w/ID, female annct'r, CW mx, after WIXC s/off. (NAP-AL)  
 1150 KXLR AR N. LITTLE ROCK - 4/6 1930 couple of IDs at tune then news.  
 1190 KLIF TX DALLAS - 3/31 1910 local ads, ID, CW mx. (NAP-AL)  
 1220 WKTZ FL JACKSONVILLE - 4/20 1900 w/long s/off, MYL outlet. (EM-FL)  
 1240 WPAX GA THOMASVILLE - 4/2 2120 about 5 ID's noted in contest promo then faded out. (NAP-AL) Some have ALL the luck. (DS)  
 WBHB GA FITZGERALD - 4/2 2122 faded in right after WPAX fade out, ID noted. (NAP-AL) Etc., etc., etc. (DS)  
 WULA AL EUFALA - 4/5 1940 talk about birthday club, mention of sending name to station. (NAP-AL) Did you? (DS)  
 1260 WTJH GA EAST POINT - 4/5 1845 religious mx, jingle/voice ID, off back of WNW beverage. (NAP-AL)  
 1270 WHLD NY NIAGARA FALLS - 4/5 1830-1900 great big-band music, PSA's, detailed s/off, no SSB, verie back in 5 days! (TF-PA)  
 WSPR MA SPRINGFIELD - 3/31 2000 on top briefly w/ID, o/UNID CBC station. (MS-ON)  
 KADL AR PINE BLUFF - 4/16 1943 s/off w/ID, address, SSB. (NAP-AL)  
 WGSV AL GUNTERVILLE - 4/5 1830 jingle/ID in mess of others.(NAP-AL)  
 WHBF IL ROCK ISLAND - 4/2 2145 ads for East Moline businesses (John Clemmer land), ID, poor in mix. (NAP-AL)  
 1280 WMCP TN COLUMBIA - 4/12 1815 ads, ID, CW mx. (NAP-AL)  
 1290 CJBK ON LONDON - 4/8 2330 weak w/ID, request line promo, rr. (TC)  
 WWSA GA SAVANNAH - 4/8 2339 o/CJBK w/Braves baseball promo, ID's as Savannah's most important station, no WATO. (TC-TN)  
 1300 WKXI MS JACKSON - 4/18 2010 faded in w/local ads, ID, jingle. (NAP)  
 WEZQ AL WINFIELD - 4/14 1828 CW mx, ID, city, et al. (NAP-AL)  
 WBSA AL BOAZ - 4/4 1700 news, local ads, ID, weather. (NAP-AL)  
 1310 WDOD TN CHATTANOOGA - 4/8 2040 IDs, ads, CW mx, WDXI also here but selectable w/antennas. (NAP-AL)  
 1320 WKIN TN KINGSFORT - 4/5 1851 ID by male annct'r during talk, fair o/WKTQ. (WPT-DC)  
 KWHN AR FT. SMITH - 4/16 1937 ID/jingle, CW mx. (NAP-AL) (NAP)  
 1330 WFBC SC GREENVILLE - 4/11 2350 pop mx, local ads, couple of IDs.  
 WNYM NY NEW YORK - 4/9 2000 s/on in clear followed by program of Jewish melodies, increasing WHOT noise after 2030. (KG-PA)  
 KSJN MN MINNEAPOLIS - 3/21 1959<sup>2</sup> o/KWLO briefly w/ID. (RK-IL)  
 WKBA AL SCOTTSBORO - 4/4 1650 ads for Scottsboro and Jackson County businesses, weather, ID. (NAP-AL)  
 1350 WSLR OH AKRON - 4/8 2325 loud w/CW mx, Whistler 13 ID. (TC-TN)  
 1360 WWB AL JASPER - 4/14 1215 local ads, ID, Rel. music. (NAP-AL)  
 KBKB IA FT. MADISON - 3/31 1925 ID then gone, no SSB, good sig.(MK)  
 1390 WCSC SC CHARLESTON - 4/3 2210 ID, oldies from the 60's (when I was there) in mix w/2 others. (NAP-AL) They didn't have oldies back then, they were new then! (DS)  
 WROA MS GULFPORT - 4/3 2235 weather, ID in mix. (NAP-AL)  
 WHMA AL ANNISTON - 4/4 1628 ID/jingle, pop mx. (NAP-AL)  
 1400 WSGA GA SAVANNAH - 4/19 2230 w/Top 40 mx, clear ID. (EM-FL)

1410 KQV PA PITTSBURGH - 4/8 u/WING w/horse racing coverage, ads for dog racing track. (TC-TN) Yeah, the station is owned by a group of veterinarians! (DS)  
 WUNI AL MOBILE - 4/3 2237 couple of ID's, pop music. (NAP-AL)  
 WZZA AL TUSCUMBIA - 4/4 1623 weather, ID, soul mx. (NAP-AL)  
 1420 KXOW AR HOT SPRINGS - 4/8 1945 1945 s/off w/ID, no SSB. (NAP-AL)  
 1430 WIRE IN INDIANAPOLIS - 4/8 2355 weak w/Ralph Emery show, was looking for WRJB. (TC-TN)  
 WPHK AL BELL CITY - 4/11 1332 weather, ID, pop music. (NAP-AL)  
 1440 KMLB LA MONROE - 3/30 2015 ID and contest promo. (NAP-AL)  
 WHHY AL MONTGOMERY - 3/30 2040 ID, local ads, pop music. (NAP-AL)  
 1450 WXVW IN JEFFERSONVILLE - 4/2 2116 faded in long enough for a good ID, in jumble w/others. (NAP-AL) Lucky....ummmm. (DS)  
 WDSG TN DYERSBURG - 4/2 2125 several ads for Dyefersburg businesses, Community Billboard, then faded. (NAP-AL)  
 WDNG AL ANNISTON - 4/8 2028 faded in w/several local ads, ID. (NAP)  
 1460 KIRL MO ST. CHARLES - 4/16 1920 brief faded in w/local ads, ID. (NAP)  
 WBNS OH COLUMBUS - 4/18 2230 w/central OH weather, ads. (EM-FL)  
 WFNX AL PHENIX CITY - 3/31 1950 local ads, CW mx, ID. (NAP-AL)  
 1470 WTZE VA TAZEWELL - 4/3 1844 poor u/WRGA/WEAG w/ads, CW mx. (TC-TN)  
 WQXL SC COLUMBIA - 4/3 1845 poor u/WRGA/WEAG/WTZE w/s/off. (TC-TN)  
 WVOL TN BERRY HILL - 4/2 2043 while writing this report, faded in nicely w/B/SOL format, couple of IDs, ad for forcelana or somesuch. (NAP-AL) Porcelana is to make things FADE! (DS)  
 1480 WLPH AL IRONDALE - 4/11 1325 end of state/national news, ID then into religious music. (NAP-AL)  
 1490 KBAB IA INDIANOLA - 3/22 2223 fair in WOPA null w/ID. (RK-IL)  
 1500 WVSM AL RAINSVILLE - 4/4 1610 local ads, ID, CW mx. (NAP-AL)  
 WKAX AL RUSSELLVILLE - 4/4 1615 ID, CW mx, switched artennas' for this and got away from WVSM! (NAP-AL)  
 1540 WYRD NY N. SYRACUSE - 3/28 1810-1815 hymns, detailed e/cff w/musical Pledge of Allegiance. (TF-PA)  
 1560 WPAD KY PADUCAH - 4/4 2345 CW mx, plenty of ID's, local ads. My ancient lists show them on 1450, if I sent this in before as "WBAD/UNID", then this was it. (NAP-AL)  
 KQYX MO JOPLIN - 4/8 2000 s/off w/ID's, Dixie then SSB. (NAP-AL)  
 1570 WLDM MA WESTFIELD - 4/26 1930 s/off noted w/no SSB. (DS-DE)  
 WCLE TN CLEVELAND - 4/4 1913-1915 s/off w/promo for WCLS-FM then SSB. (KG-PA) 4/12 1835 clear ID surfaced out of din.(NAP)  
 WPRL IL FREEPORT - 4/15 1937 in well for a couple of minutes w/three ID's noted. (NAP-AL)  
 WHII MS BAY SPRINGS - 4/14 1930 heard at s/off u/UNID. (NAP-AL)  
 WHLP TN CENTREVILLE - 4/14 1933 s/off w/ID in din. (NAP-AL)  
 KSRB AR HARDY - 4/14 1945 in well w/very complete s/off ritual, ID's, SSB. (NAP-AL)  
 KMYZ OK PRYOR - 4/14 1948 mention of "playing country music for eastern Oklahoma, KMYZ." (NAP-AL)  
 WTRB TN RIPLEY - 4/17 1915-1925 ads for local businesses, ID, CW mx.  
 WONA MS WINONA - 4/17 1930 ID, s/off w/SSB. (NAP-AL)  
 1580 KZIA NM ALBUQUERQUE - 4/1 1945 "Your 10000 watt news machine," ID, no SSB, good signal. (MK-WI)  
 WBBA IL PITTSFIELD - 4/2 1944 fair to good w/s/off w/SSB, told to tune to 97.7, mixing w/KWNT. (MK-WI)  
 KWNT IA DAVENPORT - 4/2 1945 fair to good w/MYL, w/WBBA. (MK-WI)  
 KLTR OK BLACKWELL - 4/2 1958 fair at s/off, no SSB. (MK-WI)  
 KNIM MO MARYVILLE - 4/2 1959 fair w/wx, ID then gone, no SSB. (MK)  
 WVKO OH COLUMBUS - 3/28 1842-1846 jazz, Burger King, car dealer ad then detailed s/off. (TF-PA)  
 WCLS GA COLUMBUS - 4/8 2015 religious music program, church notes, ID's as "Your Christian Life station." (NAP-AL)  
 WAXU KY GEORGETOWN - 4/15 1900 brief fade in w/ID. (NAP-AL)  
 WAYB PA WAYNESBURG - 4/15 1915 ending program of POP music, ID'ed as WAYB-FM then Pirates-Phillies baseball, evidently didn't shut AM down at 1900. (KG-PA)  
 KLOU LA LAKE CHARLES - 4/4 2300 ID, pop mx in mix w/WCLS. (NAP-AL)  
 1590 WQQW CT WATERBURY - 3/31 1857 w/ID mentioning WQQW plays "your kind of music," then CBS news. (MS-ON)  
 WHPY NC CLAYTON - 3/28 1816-1818 w/detailed s/off. (TF-PA)  
 WPLW PA CARNEGIE - 3/29 1819-1830 hymns, prayers by DJ, detailed s/off on "Soush'ne 16", verie back in 5 days. (TF-PA)  
 1600 WIXY MA E. LONGMEADOW - 3/31 1948 w/"Get your piece of WIXY now" contest, strong during good New England opening. (MS-ON)  
 WKXQ NC REIDSVILLE - 4/4 1948 "Ingle/ID, dog fighting w/WINX, good signal at times. (NAP-AL)  
 WXVI AL MONTGOMERY - 4/14 1955 o/WBUP w/contest promo, IDs. (NAP-AL)

**WJDM 1530 AM** **WMUU 14-NV**

## MIDNIGHT-MIDDAY:

560 WHND MI MONROE - 4/6 0423 noted this semi-local on this AM, off w/ID, leaving KVLI! (IH-MI)

790 WQXI GA ATLANTA - 4/20 0200 very strong w/Enterprise network sports program, CKLW off. (IH-MI)

800 CKLW ON WINDSOR - 4/6 noted off this MM, back on at 0137 but noted off again later on. (IH-MI)

840 WRYM CT NEW BRITAIN - 4/10 0550-0605 Spanish program and music, animated announcer, ID on hour as "The Voice of Latin America" in English. (TF-PA)

860 WAYE MD BALTIMORE - 4/12 0530 s/on w/no SSB, mention of "Big Band 86." (DF-PA) Now theres a name out of the woodwork! (DS)

910 WORD SC SPARTANBURG - 4/12 0233 weak w/female annnc'r, Top 40 mx.(HJH)  
CKLY ON LINDSAY - 4/6 0057 ID noted in passing w/UNID Ffc (CHRL?). (PRM-NJ) Yeah, CHRL shows up alot here. (DS)

WABI ME BANGOR - 4/2 0445 poor w/s/on, little else here! Was one of my most wanted & ME #4. (RK-IL) Nice, Bob. (DS)

WOKK MS MERIDIAN - 4/3 0303 old friend noted w/CW mx, female DJ, not heard for a while before. (NZ-NE)

920 WMGR GA BAINBRIDGE - 4/20 0218-0226 ET w/TT/Music noted, off w/ID and mention of s/on at 0600, change from 0500 in log.(JS)

WHJJ RI PROVIDENCE - 4/6 0034-0100 w/MoR music, ABC news 0030, local news 0100, "Super Check" contest promo, 1st time on new calls, w/WMBL/UNID Ffc/WPAT-930. (PRM-NJ)

WMEL FL MELBOURNE - 4/6 0045-0051 mostly atop WHJJ w/Top 40 mx, "Radio 92" slogan, believe they were also running CBS promo's, w/UNID Ffc/WPAT-930. (PRM-NJ) Your FFC likely CFLS.

930 WFMD MD FREDERICK - 4/13 0250 ET in progress w/Oriole BB promo.(DF)

WGNT WV HUNTINGTON - 4/4 0125 w/weather and ID. (NAP-AL)

950 WKAZ WV CHARLESTON - 3/23 0150 w/pop music, ID, fair in mess w/CKBB off. (MR-ON) Note correct locale, Mike. (DS)

WIBX NY UTICA - 3/23 0156 w/jazz show, gave address, fair w/WWJ, WBBF, WPEN, etc. (MR-ON)

970 WERH AL HAMILTON - 4/11 1150 local ads, ID, CW mx. (NAP-AL)

980 WPIP FL POMPANO BEACH - 4/13 0113-0135 on top of everything w/many local spots including the Tigers Paw Lounge! (DF-PA)

WKOR MS STARKVILLE - 4/11 1137 ID'ed at tune in, CW mx. (NAP-AL)

1000 CKBW NS BRIDGEWATER - 4/11 0510 very strong w/Irish type music, WCFI nullled. (DS-DE)

1050 CFYN ON SAULT ST. MARIE - 4/3 0536 good w/EZL mx, ads. (RK-IL)

1070 WIBC IN INDIANAPOLIS - 4/4 0215 this one in w/ID while looking for KNX which I can't hear due to WAPI. (NAP-AL) Keep tryin' Neal, they'll show up....really! (DS)

1080 WKBY VA CHATHAM - 4/2 0646, fair w/SSB, s/on. This is my 2900th station heard! (RK-IL) And the next 1000 are tough! (DS)

1110 WBT NC CHARLOTTE - 4/6 0210-0245+ off this MM, testing w/OC/TT at times, leaving weak KFAB, UNID Canadian which was likely CKJD. (RA-MA) Ditto. (DS-DE)

1130 WLBA GA GAINESVILLE - 4/7 0607 weather, ID, CW mx. (NAP-AL)

1170 UNID 4/9 0040 somebody u/WWVA w/religious program, help? (TC-TN)

1190 WOWO IN FORT WAYNE - 4/6 MM usually silent but not this MM, noted AN w/RS. (RA-MA) Noted OFF 4/27 0115. (DS-DE)

1220 WKBK NH KEENE - 4/11 0542-0546 PSA's, weather by WKBK staff meteorologist, female DJ. (TF-PA)

WGNY NY NEWBURGH - 4/11 0608-0622 mixing w/WGAR/WSOQ, local news, PSA for Rotary Club Pancake Breakfast! (TF-PA) Next time the railroad sends you there, stop in and try one-hi! (DS)

1230 WSOK GA SAVANNAH - 4/12 0401 WBAX off, here loudly u/auroral cx, time check, ID, soul music. (HJH-PA)

KTNC NE FALLS CITY - 4/3 0230-0255 this cat heard on ET of TT, OC, ID then MoR music. (NZ-NE)

1240 WHUM PA READING - 4/14 0200 alone of freq. w/CW mx, strong. (DS-DE)

WEDC IL CHICAGO - 3/21 0125-0312 off again this AM, hope this becomes a regular pattern. (RK-IL) Getting ready to hook up to the WBBW network of station! (DS)

KWLC IA DECORAH - 3/21 0150 fair w/news then s/off. (RK-IL)

WKDA TN NASHVILLE - 4/13 0206 w/Enterprise Network sports talk.(JS)

WHEL TN KNOXVILLE - 4/13 0110-0140+ w/Broadway tunes, 40's & 50's type music. (JS-OH) Yeech! (DS) And Yeech-FM! (DS-again)

WWWD NY SCHENECTADY - 4/11 0528-0535 ID for "3WD" then Mutual nx. (TF-PA) 3/11 0245 noted w/"3WD, the oldies station" w/oldies and phone-in trivia. (RJE-NJ) well, what'ya expect? Polka's? (DS)

WCOU ME LEWISTON - 3/11 0247-0249 heard w/rock nx, "COU" ID's, weather, then faded down again. (RJE-NJ)

WDUN GA GAINESVILLE - 4/12 0330 full ID noted then into Mutual news, I believe, WBAX off all AM for tests. (HJH-PA)

WENK TN UNION CITY - 4/12 0200-0235 w/AT 40, local spots, mixing w/2 Larry Kings! (DF-PA) What a mix! (DS)

1240 WBAX PA WILKES-BARRE - 4/19 0407-0411 presumed ET w/promo's for Yankees Baseball and ABC news repeated several times.(DF-PA)

1250 WETU AL WETUMPKA - 4/7 0620 time check, ID, CW mx, local ads.(NAP)

1260 WHTT FL MIAMI - 4/13 0055-0219 on top w/Spanish music and talk, w/WNDE/XEL. May still be running 1000 watts non-DA.(KG-PA) 4/13 0210-0235+ atop w/spanish programming, "Radio Hit" ID's. (JS-OH) (This space for rent, call 322-6586)

CIHI NB FREDERICTON - 4/6 0146-0157 fair o/u talk shows w/Top 40, ID's. New, said to be a pest in the NE. (PRM-NJ) It's like somebody you don't want to see. (DS)

WNDE IN INDIANAPOLIS - 4/6 0152 fair o/u WWDC talk/CIHI mx PRM w/Enterprise network, ID when they ran a 60 second jingle. (QRM-NJ) 4/12 0153 "Windy" ID's all alone, local like until killed by WBAX TT. (HJH-PA)

1270 WTNT FL TALLAHASSEE - 4/12 0018 all alone but weak u/auroral cx, usual CW mx. (HJH-PA)

1280 WPXN NY ROCHESTER - 4/8, 4/9, 4/11 w/MoR mx format, thought they were all news. (TF-PA) Not much happening-hi! (DS)

WABK ME GARDNER - 4/10 0523-0530 at local strength, Person of the Day contest, PSA's, 5 commercials, lost at 0530 to WADO.(TF)

WGBF IN EVANSVILLE - 4/12 0020 alone w/Robert W. Morgan promo u/auroral conditions, slight bit of WADO. (HJH-PA)

1290 WIRK FL WEST PALM BEACH - 4/13 broke thru WWSA/CJBK w/promo for red, white & blue bumper sticker. (DF-PA) Lime, Dave?(DS)

1300 WPNH NH PLYMOUTH - 4/8 0600-0607 detailed s/on, news then lost u/WIMG. (TF-PA) WIMG still needed here. (DS)

WXRL NY LANCASTER - 4/8 0600-0603 u/WPNH, ID then CW mx. (TF-PA)

1310 WORC MA WORCESTER - 3/30 0537 w/rock music, also 4/4 0525 rock music, mixing w/WSSJ. (TF-PA)

WTLB NY UTICA - 4/4 0515-0525, 0528-0535 weather, Eddie Arnold record, farm news, verie back in 5 days. (TF-PA)

WDXI TN JACKSON - 3/27 0600-0620 CBS news, ID, buried by KAAM.(MS)

1320 WVOJ FL JACKSONVILLE - 4/6 0127 good w/mention of "WVOJ Country music" o/13Q talk and UNID TT. (PRM-NJ)

WKAP PA ALLENTOWN - 4/19 0600 s/on w/mention of Sunday morning SP from 0200-0600, then SSB into NASA program. (DF-PA)

1330 WKKR IN EVANSVILLE - 4/7 0527 (yep, the early bird was up trying to catch the DX worms!) w/"AM 1330, WKKR" ID. (NAP-AL) DX worms....yeech, and yeech-FM! (DS)

WFTP FL FT. PIERCE - 4/7 0555 a couple of ID's, pop mx, not especially good. (NAP-AL) They never were....DX worms.(DS)

KINE TX KINGSVILLE - 4/1 0145-0200 a surprise ET o/u KFH w/TT, OC and ID ON HOUR for ET! (NZ-NE)

1350 WLNH NH LACONIA - 4/8 0542-0555 lots of ads, Dunkin Donuts contest, music....hope they'll verify this year. (TF-PA) I'd like to hear them this year! (DS) DX worms....yeech! (DS)

1360 WSAI OH CINCINNATI - 4/13 0142 w/CW mx and promo for Larry King on Tuesday, calls self "Cincinnati's New Country."(JS-OH)

UNID 4/13 weak station here all morning in Spanish, slightly off frequency, maybe not a domestic, looped south.(JS-OH) I think your frequency is a little off, too....DX worms.(DS)

1370 UNID 4/11 0120-0215+ atop WSPD/WSAY w/TT/OC, no ID's noted, whoizziet???? (JS-OH) 821

WFEA NH MANCHESTER - 4/12 0140 alone w/rock mx, auroral cx. (HJH)

1380 WAOK GA ATLANTA - 4/7 0530 Hip, jive talkin' DJ w/ID, mention of Atlanta, mixing w/WLCY. (NAP-AL) Send your comments to Neal on that one-hi! (DS)

WSYB VT RUPLAND - 4/8 0521 Red Sox promo, music. (TF-PA)

WLCY FL ST. PETERSBURG - 4/12 0140 fair w/Top 40 music, mixing w/another, likely WAMS. (HJH-PA)

1390 WMCT TN MOUNTAIN CITY - 4/2 0026-0040 fair-good on unsked. f/c in WVON null, TT w/ID's every minute. (RK-IL)

WEOK NY POUGHKEEPSIE - 4/3 0538 noted w/country format, ID's as "Hudson Country" and "OK Country." Regular here at sunrise, for the last couple of weeks anyway. (TF-PA) Should have went u/SPECIAL column....DX worms. (DS)

1400 WKEW NC GREENSBORO - 4/17 0100 weak s/off through mess, no SSB.(HJH)

WSGA GA SAVANNAH - 4/13 0010 ID noted while tuning past, good signal w/auroral conditions present. (WPT-DC)

1410 WMYR FL FT. MYERS - 4/13 0110-0139 station promo, "When WMYR calls, don't say hello, say WMYR is everywhere." (DF-PA)

WLAQ GA ROME - 4/12 0039 strong w/CW mx, IDs. (HJH-PA)

1420 KLUF TX LUFKIN - 3/9 0447 fair signal w/Randy Shannon show, w/mention of 24 hours. (MS-TX)

WRMV NY HERKIMER - 4/2 0600-0605 legal ID then UPI news. (TF-PA)

WBSM MA NEW BEDFORD - 4/12 0146 alone w/jazz program, male annnc'r, auroral conditions. (HJH-PA)

WVOT NC WILSON - 3/21 0610 fair w/rock mx, ID. (RK-IL)

- 1430 WVAM PA ALTOONA - 4/1, 4/2 0543-0600 mixing w/WENE/WXKS w/CW mx, news, weather, one of my most wanted PA stations. (TF-PA)
- 1440 WGIG GA BRUNSWICK - 4/7 0545 world news summary, weather, ID. (NAP)
- KDNT TX DENTON - 3/30 0206 noted w/CW mx, some KMLB also. (MS-TX)
- 1450 W TSA VT BRATTLEBORO - 4/4 0150 clear ID topped frequency, then faded. Stayed here but nothing else noted, about 5-6 other stations present at the same time! (NAP-AL)
- WCTC NJ NEW BRUNSWICK - 4/13 0300-0315 noted on 24 hour sked w/ local news, weather, sports, MoR music. (KG-PA)
- WQQT GA SAVANNAH - 4/20 0016 w/mail-in ad, gave station address/call 3 times. (EM-FL)
- WCVS IL SPRINGFIELD - 3/22 0633 good in WXOL null w/"Scan", ID then weather. (RK-IL) Wanna buy some DX worms? (DS)
- KWHW OK ALTUS - 4/1 0120-0125 tentative, believe this was the one w/a f/c w/TP and 2 possible ID's, tentative report sent w/request for more information. (NZ-NE)
- 1470 WRBD FL POMPANO BEACH - 4/13 0220 Otis Redding record offer from station then more B/SOL programming. (DF-PA) I hope the record offer didn't come from WSAW-hi! (DS)
- 1480 WCFR VT SPRINGFIELD - 4/10 0542-0546 CW music, ID then lost to WADR, regular at sunrise here. (TF-PA)
- 1490 WYTL WI OSHKOSH - 4/20 0135 broke on top of WLPA/WPEX/WABJ w/"name the team" promo then CW mx. (DF-PA)
- WPEX VA HAMPTON - 3/30 0120-0220 on top w/CW mx, ID, PSA's, ID's as "X Country." (KG-PA)
- UNID 3/30 0159-0207 w/various TT's, strong, no ID's noted. (KG)
- 1500 WDEB TN JAMESTOWN - 3/21 0111 good o/everything on ET w/twangy CW mx, ID'ed at 0115. (RK-IL) Twangy...DX worms... (DS)
- 1520 WSVL IN SHELBYVILLE - 4/16 0628 local ads, ID. (NAP-AL)
- WKBW NY BUFFHELO - 4/9 0025 loud w/weather, ad, Top 40 music, female DJ, first time here. (TC-TN)
- 1540 W DON MD WHEATON - 4/8 1037-1050 very strong w/rock religious music, "Sounds of Praise," female DJ, WRCP off. (DS-DE)
- 1550 WBSJ NC WINSTON-SALEM - 4/5 0645 fair w/s/on, ahead of WKBA. (RK)
- WUTQ NY UTICA - 4/4 0535-0546 CW mx, ID's, lost to loud s/on of WKBA. (TF-PA)
- WSAO MS SENATOBIA - 3/27 0302 concluding ET of OC/TT/mx w/ID at end, good signal. (MR-ON)
- KUAT AZ TUCSON - 4/2 0210-0235 on ET or PoP of TT/OC, one ID noted, poor to fair w/KKJO. (NZ-NE)
- 1560 K KAA SD ABERDEEN - 3/30 0210 while trying for KPMC, ID came thundering in for ET then nothing else noted. (MS-TX)
- 1570 WDEM MA WESTFIELD - 4/5 0605-0620 weather, promo for WDLM Bingo, talk program "What's the Issue," verified in 5 daze!(TF)
- WCRL AL ONEONTA - 4/19 1005 usual Sunday religious program, ID. (NAP)
- 1580 WJIK NC CAMP LEJEUNE - 4/2 0550-0559 request program for gospel music, "Where Jesus Is King." Plug for prayer line if you want them to pray for you! May a verie show up in the form of a stone tablet! (TF-PA) In about 6 months... (DS)
- WPMP MS PASCAGOULA - 4/16 0630 s/on w/ID, u/WAXU. (NAP-AL)
- 1590 WCGL MS JACKSON - 4/5 0025 several ID's and promo for pictures of prettiest gal contest. (NAP-AL) Volunteer...to judge?(DS)
- 1600 WEUP AL HUNTSVILLE - 4/13 0327 alone on freq. w/Disco mx, ID's as "We-Up." (KG-PA) Yep...we up all hours of the day! (DS)
- WKXQ NC RBIDSVILLE - 4/6 0550 s/on using new calls, ex-WPRC. (JS) Has been WKXQ for a while....must be those DX worms. (DS)
- WINX MD ROCKVILLE - 4/2 0530 s/on then rock music. (TF-PA)
- KATZ MO ST. LOUIS - 4/25 0000 strangly atop ending nx, ID then NBR news, strong signal. (DS-DE)
- 1610 WXT613 KY BOONE COUNTY - 3/23 0036+ fair-good on peaks, best ever noted w/female celebrity doing ID and intro, Cathy's Travel Tip of the Week has been DROPPED! Again on 3/24 w/male celebrity doing ID/intro....signal just as good. (MR-ON)
- 1630 VAH BC SANDSPIT - 3/24 0411 very poor SSB signal w/weather reports for Sandspit, Rose Point, Triple Island and other placee. Only 100 miles off tip of AK panhandle! (MR-ON)
- VAC BC COMOX - 3/24 0035 noted w/Coast Guard radio ID, fair signal, w/weather reports, synopses, also single side band. (MR-ON)

**BITTEN BY DX WORMS AND ARE A BIT TWANGY:**

- |        |                                    |                         |
|--------|------------------------------------|-------------------------|
| NAP-AL | Neal A. Perdue, Falkville, AL      | SW4A, RF2900, Ant. farm |
| TC-TN  | Tom Connatser, Sevierville, TN     | RF888                   |
| JS-OH  | Jersey Starr, Hubbard, OH!         | HQ180, Bendix loop      |
| WPT-DC | Bill Townshend, Wash., DC          | TRF                     |
| MS-MB  | Morris Sorensen, Amaranth, MB      | TRF                     |
| MS-ON  | Morris Sorensen, Kirkland Lake, ON | HQ150, SM2              |
| TF-PA  | Tony Fitzherbert, Chalfont, PA     | DX60, LW                |

- |        |                                 |                        |
|--------|---------------------------------|------------------------|
| IH-MI  | Ian Harris, Milan, MI           | RF2200, Loop           |
| KG-PA  | Kermit Geary, Walnutport, PA    | HQ180, LW              |
| HJH-PA | Harry Hayes, Wilkes Barre, PA   | Zenith Trans. O, SM2   |
| DF-PA  | Dave Fox, Reading, PA           | HQ180, SPR4, SM2       |
| WHEELS | Wheeler Conover, Manchester, KY |                        |
| JZ-OK  | John Zondlo, Bethany, OK        |                        |
| EM-FL  | Ed Mitkus, Tampa, FL            | RF2600, SM2            |
| KVJ-GA | Karl Jeter, Decatur, GA         | HQ, Loop               |
| PRM-NJ | Joe Mount, Teanick, NJ          | TRF, SM1               |
| RK-IL  | Bob Krammer, Chicago, IL        | HQ129X, HQ100C, et al. |
| RA-MA  | Ray Arruda, Acushnet, MA        | SX122, Miller Lite     |
| RJE-NJ | Russ Edmunds, Boonton, NJ       | Earpick 3Z             |
| MR-ON  | Mike Reid, Willowdale, ON       | A2515, TRF, Box Loop   |
| NZ-NE  | Neil Zank, Lincoln, NE          | RF2600                 |
| MS-TX  | Mark Schlesinger, Clute, TX     | FRG7, Superadio        |
| MK-WI  | Mike Knitter, Cambridge, WI     | DX300, LW, SM2         |
| DS-DE  | Contributors Name Misplaced     | HQ180, Superadio, SM2  |

To those whom I owe letters, hang in there.....they ll be answered by next Septober!

See you all in a couple of weeks.....will it ever stop? Help! Zelda!



73's & Good DX



THE BALTIMORE RADIO SHOW, INC.  
WFBM AM WPKZ FM

Late note from Andrew Robbins advises that WAOP-980 Ostego, MI changed call to WOAM on April 17, format now Big Band/Forties hits. WOAP call now on 100.9-Ed

## IRCA PUBLICATIONS OFFER

The NRC and the IRCA Goodie Factory have agreed to swap member discounts on all merchandise available through both clubs. This means that NRCers can now buy IRCA merchandise at the same price that IRCA members can. Below you will find a complete list.

IRCA Foreign Logs: These handy references contain a complete year of foreign DX as reported to IRCA's World Wide columns. Other features include articles on how to hear and identify stations, BCB propagation, country reports and station lists.

- Volume 3('73-'74), 4('74-'75) and 6('76-'77): \$2.00 each (close out special)
- Volume 5('75-'76) (only four left): \$4.00 (\$4.50 to non-IRCA/NRC members)
- Volume 7('77-'78) and 8('78-'79): \$4.50 (\$5.00 to non-IRCA/NRC members)

Volume 9('79-81) will be out sometime in the late summer of 1981. Price approx \$5-6.

IRCA Almanac: This highly successful IRCA publication is in its second edition. It includes the current frequency check list, sunrise/sunset maps for the US and the world, list of radio network, syndicated and religious program affiliates, station slogans, AM-FM simulcasters, sport programs, utility stations, a glossary of DX terms and articles on AM broadcasting. This handy cross reference to the NRC Domestic Log is a must for the serious BCB DXer. 164 pages and comb bound.

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DECATUR, GA 30030  
(404) 633-1198  
BEFORE 2300 ELT

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

I kind of thought that the box would be full of loggings of Anguilla 1610 and maybe some VOA-1580 Antigua but that's not the case. A few calls to be sure but only 3 logs on the above submitted.... Thanks to Bob Hostettler in Dillonvale, Ohio and Frank Petrick in Endicott, NY for the calls on Anguilla.

- 182 USSR Petropavlovsk-Kamchatskiy 3/24 1301 USSR anthem // 236, poor sig, most consistent LW sig here. (Vernon)  
191 USSR Blagoveschensk 3/24 1315 male and female annrcs w/talk mostly by woman. (Vernon)  
236 USSR Magadan 3/24 1258 Love is Blue mx, 1259 silence, 1300 Kremlin bells, 4 chimes then anthem, xlt sig. (Vernon)  
540.8t DOMINICAN REPUBLIC HISM Santo Domingo assumed here w/LA mx coming thru a strong het 0227 4/5. (Kaz)  
549 ALGERIA Oran poor to fair w/male group AA chant w/march tempo 0516 3/31. (Connelly)  
555 ST. KITTS ZIZ xlt w/reggae mx 0223 4/5 w/pest WGNG phased. (Kaz)  
576 AUSTRALIA 2FC Sydney 3/23 1407 cl mx //729, this outlet quite rare here. (Vernon)  
603 AUSTRALIA 7ZL Hobart 3/23 1352 organ mx //630, first time here. (Vernon)  
612 AUSTRALIA 4QR Brisbane 3/23 1351 single guitar mx //630. (Vernon)  
612 MOROCCO Sebba-Aioun good w/strange mx at 2356 4/12. (Kaz)  
620 ALASKA KGMT Homer 3/19 1333 appeared to be testing w/EZL mx, audio on and off. (Vernon)  
620 HAWAII KIPA Hilo 3/23 1400 male w/s/on and into Filipino pgm of mx and melodies. (Vernon)  
630 AUSTRALIA 4QN Townsville 4/6 1327, jazz type piano mx. (Vernon)  
639 FIJI Lautoka 4/8 1027 male w/native talk. (Vernon)  
657 AUSTRALIA 2BY Byrock 3/24 1211 male w/nx likely for NSW (not //1548), was later // w/mx. (Vernon)  
657 NEW ZEALAND 2YC Wellington 3/29 1140 female annrc then piano mx w/male opera type singer. (Vernon)  
657 NORTH KOREA Kangnam 3/24 1342 female annrc very weak, not sure who was //. (Vernon)  
666 JAPAN JOBK Osaka 3/24 1212 JJ play. (Vernon)  
675 NEW ZEALAND 3YA Christchurch 4/8 1029 instrumental mx, 1030% male annrc //Nat. pgm. (Vernon)  
693 JAPAN JOAN Tokyo 3/24 1325 male w/JJ talk //873. (Vernon)  
700 GUATEMALA R. Mundial 4/2 0510, marimba mx, female w/"este es Radio Mundial, desde la capital de Guatemala", into more mx, fair sig mixing with WLW. (George)  
702 AUSTRALIA 2BL Sydney 3/23 1401 w/end of AAF anthem. (Vernon)  
720 NEW ZEALAND 4YZ Invercargill 4/6 "Strangers on the Shore" mx //819, 675. (Vernon)  
720 USSR Yuzhno-Sekhalinsk 1118-1130 EE pgms, one was highly critical of the US. (Vernon) What else is new???? CH  
720 UNID 3/24 1506 male annrc, sounded like GC. (Vernon)  
729 AUSTRALIA 5CL Adelaide 3/23 1436 cl mx, last Aussie to fade out this AM. (Vernon)  
730 CUBA Holguin CMKC fair //740 at 0011 4/5. (Kaz)  
738 AUSTRALIA 2NR Grafton 3/24 1103 male w/US accent, talk about Russian industry 1106 Aussie male annrc. (Vernon)

- 750 GREENLAND Unianak, Gronlands Radio 3/18 1019 choir mx noted u/KFQD. (Vernon) ID?? CH  
765 SENEGAL Dakar fair at 2325 4/11 w/mx but very good at 0054 4/12 w/nice copy of African mx. (Kaz)  
765 UNID 3/23 1357 rr mx w/male EE annrc, no // found, annrc not quite readable. (Vernon)  
774 AUSTRALIA 4TO Townsville 3/23 1314 rr mx, 1315 TC w/many spots, 1316 SID, more rr, good sig for short time o/3LO. (Vernon)  
774 FIJI unk 3/23 1033 Hindi type mx //891. (Vernon)  
775 COSTA RICA R. Uno 3/21 0305 SS US pops, ID by man. (Perdue)  
780 ALASKA KNOM Nome 3/23 1337 noted on w/MoR, some events happening there, KICY-850 noted w/extra hours also lately. (Vernon)  
783 NORTH KOREA Chongjin 3/24 1336 female w/talk. (Vernon)  
800 PANAMA Chitre xlt w/TWR phased at 0519 4/12 w/"La Exitosa" ID. (Kaz)  
800t VENEZUELA YVTB Maracaibo suspected here w/lively LA mx u/TWR at 0018 4/5. (Kaz)  
810 CUBA CMHB Camaguey //820 w/R. Progreso pgm 0021 4/2. (Kaz)  
810 NEW ZEALAND 4YA Dunedin 3/29 1028-1034 noted w/band mx transcribed from Holland (think R. Nederland), 1034 male annrc w/balled type mx. (Vernon)  
819 NEW ZEALAND 1YZ Rotorua 4/8 1246 noted w/BBC "Hello Cheeky" pgm, 1259 female annrc, am surprised that this stn is not more widely heard. (Vernon) Once I had a het on the west Beverage which I would guess came from 1YZ-CH  
819 NORTH KOREA Pycngyang 3/24 1344 female w/rather forceful talk to male w/rather feeble response. (Vernon)  
820 CUBA Habana relaying R. Progreso mx until 0021 4/12 when they switched back to and ID'ed for local R. Ciudad de la Habana pgm. Superb signal. (Kaz)  
820 CUBA Moa CMKG left u/CMBV w/Progreso pgm after CMBV switched to usual pgm at 0021 4/12. (Kaz)  
830 ---- regarding the logging of Cuba here in 4/20 IDXD-is this a new tx? To the best of my knowledge the Cubans have not used 830 in the last few years. (Kaz) I have not heard a Cuban here myself and won't speculate on behalf of the submitter's behalf-CH  
834 BELIZE R. Belize 4/7 1058 NA in progress at tune-in. Opening annrcs, freqs, etc. by man in EE. All-encompassing prayer to pretty well cover all bases in EE, then seemed repeated in SS or Latin. (Perdue) 3/30 0456 w/Neil Diamond mx. Time check and ID at 0500 mentioning "emerging nation of Belize". Fairly strong sig. (Scaensen)  
837 NEW ZEALAND 1YX/1YK Whangarei/Kaitara 4/7 1152 female singer, very strong //819, noted w/a very good signal lately. (Vernon)  
846 KIRIBATI 2JK1 Tarawa 3/25 0942 native mx, male annrc, 1003 band mx, presume anthem, 1004 TT for approximately one minute. (Vernon)  
850 ALASKA KICY Nome 3/19 1329 instrumental mx, 1330 "Unshackled" pgm, probably on because of interest in Anchorage-Nome dog sled race. (Vernon)  
850 GREENLAND Upernavik, Gronlands Radio 3/18 1046 woman in probable Greenlandic lingo, fair sig. (Vernon)  
855 AUSTRALIA 4QB/4QO Maryborough/Midsvold 3/23 1339 ballad type mx //1548. (Vernon)  
855 NORTH KOREA Sangwon 3/24 1502 very large choir w/both male and female singers. (Vernon)  
864 AUSTRALIA 4GR Toowoomba 3/23 1115 few spots but poor, much QRM from pest 4ZA which was dominant by 1118. (Vernon)  
873 AUSTRALIA 2GB Sydney 1220 3/24 male w/tele-talk, believe # was 268-6600. (Vernon)  
873 JAPAN JOGB Kumamoto 3/24 1102 male w/JJ talk //747, 774 xlt, 828 poor. (Vernon)  
882 NEW ZEALAND 1YC Auckland 3/24 1035 cl mx //657. (Vernon)  
891 ALGERIA Algiers fair w/AA violins and chants, 5-10 dB weaker than WLS 0555 3/28. (Connelly) Fair w/usual AA chanting 2328 4/11. (Kaz)  
891 FIJI Lautoka 4/8 1008 woman w/native talk, probably mx, 1013 Hindi type mx. (Vernon)  
900 NEW ZEALAND 4YC Dunedin 3/29 1146 male opera singer //819, 657 noted u/KDEO. (Vernon)  
918 NEW ZEALAND 3YZ Kumara 4/7 1153 organ mx //657, never noted before. (Vernon)  
930 MEXICO XEU Veracruz-two men w/sporting event 0430 4/2 o/u WKY. (George)

954 JAPAN JOKR Tokyo 3/23 1323 male anncr w/JJ talk. (Vernon)  
 980 CUBA a new Relej tx is here, noted w/usual format in mess of LA's at 2348 4/4. Strength never better than poor-fair and often inaudible. Hrd again 0403 4/12, weakly. (Kaz)  
 980 UNID LA noted 0250-0403 4/12. At first I thought this was a Mexican but now I'm not so sure. Has a very fast talking woman anncr and possibly the last two words of hers I taped are "territorio libre". This stn played soft to omderate tempo mx and the Mexican song with the chorus that goes "I-I-I-I" like the Frito Bandito commercials was hrd. (Kaz)  
 999 UNID 4/8 1322 male anncr w/oriental type talk but faint. (Vernon)  
 1000t CUBA San Cristobal CMAO suspected here at 0307 4/12 with anncr who sounded // to the other Cuband between 1000 and 1150 KHz who all had the World Championship Boxing coverage w/same SS anncr. Sig fair in mess of LA's. (Kaz)  
 1008 AUSTRALIA 4IP Ipswich 4/8 1110 spots than "4IP Album of the Week". (Vernon)  
 1008 NEW ZEALAND 12D Tauranga 4/6 1135-1200 tele-talk open line. If there was a nuclear war one caller figured New Zealand would be OK but expressed fear of an Aussie invasion afterwards, hi. // 's 1035, 1044 both xInt. (Vernon)  
 1010 CUBA Guane CMCM //the boxing net at 0307 4/12, fair w/WINS nulled by phasing unit. (Kaz)  
 1017 AUSTRALIA 2KY Sydney 4/8 1100 male anncr w/race results. (Vernon)  
 1017 JAPAN JOLE Fukuoka NHK2 3/19 1459 instrumental mx, 1500 male w/ID, not sure if JOLE or JOAB, pips then annhem. (Vernon)  
 1017 TONGA A32 Nuku'alofa 3/25 0937 Barbara Streisand mx, 0939 man anncr in native lingo. (Vernon)  
 1017 WEST GERMANY Wolfsheim 3/18 0313 female singer in GG, 0316 instrumental mx. (Vernon)  
 1020 CUBA CMAP Bahia Honda poor-fair //1090 w/SS talk 2343 4/4 and good w/boxing 0240 4/12 later on w/R. Guama ID //1030 at 0425 4/12 and into LA mx. (Kaz)  
 1026 NEW ZEALAND 12K/12N Kaitaia/Whangarei 3/20 1234 man w/balk via phone //1035, rr QRM probably LMK. (Vernon)  
 1030 CUBA La Palma fair-good atop phased WBZ and other LA's with LA mx //1020 0425-0427 4/12. (Kaz)  
 1035 HAITI 3/21 2335-0002 s/off. EE religious talk by man, hymns, Christian book and records reviews, Chimes played, How Great Thou Art at 0000, ID'ed as 4VEH, gave address. (Perdue)  
 1035 JAPAN various, NHK2 3/19 1449 woman w/JJ talk, very wavy signal but clearly //1017. (Vernon)  
 1035 NEW ZEALAND 3ZB Wellington 3/23 1345 rr mx, strongest stn on the dial, //1008, 1044, 1098 like locals, 1026 fair. (Vernon)  
 1035 SOLOMON ISLANDS SIBC 4/8 1101 female anncr w/EE nx, 1105 clear ID "This news is coming to you from the Solomon Islands Broadcasting Service" (make that "corporation"-CH), maybe a frequency shift from 1026? No trace of it on that freq here. (Vernon) They switched in December-CH  
 1040 CUBA Puerto Padre blasting in //1050 at 0354 4/12-had boxing earlier. Good signal for 1 kw but it's on the north coast and gets out really well like 1060. (Kaz) I suspect they are a little bit more than a kw-CH  
 1044 MOROCCO Sebaa Aioum fair w/chants 2338 4/11. (Kaz)  
 1044 CHINA Henan PBS, Changshou 4/8 1315 female seemed to be talking slowly to a young child, again audio seemed very over-amplified. (Vernon)  
 1044 EAST GERMANY Burg, et al 3/18 0307 vocal mx, 0310 male anncr and woman w/balled type mx. (Vernon)  
 1050 CUBA Las Tunas CMLL good //1040 w/superpest WHN phased out at 0354 4/12. (Kaz)  
 1053 JAPAN JOAR Nagoya 4/8 1243 topping the channel w/JJ play. (Vernon)  
 1053 KOREAS 4/8 1240 echo jamming mess o/JOAR. (Vernon)  
 1055 COLOMBIA El Espinal HJFZ noted fair-good w/Colombian accordion mx 0458 4/12. (Kaz)  
 1060 CUBA Baracoa CMMM tremendous //1070 w/soft vocal by girl at 2340 and loud at 0300 4/12 mentioning nets carrying boxing. (Kaz)  
 1070 CUBA Guantanamo CMLL good //strong 1060 at 2340 4/4 and again good atop other LA's with boxing at 0245 4/12. (Kaz)  
 1089 ENGLAND Orfordness BBC noted w/pop mx, strong het on WBAL 0515 3/31. (Connolly)

1090 CUBA Minas de Mata Hambre good at 2343 before WBAL had faded up to full strength and almost in the clear when WBAL was phased out 4/4 //1020. Fair-good w/boxing // all the rest of them 0243 4/12. (Kaz)  
 1098 CZECHOSLOVAKIA Praha 3/18 0333 female w/nx, 0337½ instrumental mx. (Vernon)  
 1098 NEW ZEALAND 3ZB Christchurch 3/20 1251 rr mx w/male anncr //1035. (Vernon)  
 1107 AUSTRALIA 2UW Sydney 4/6 rr mx, 1126 TC, ID and spot for event at Capitol Theatre. (Vernon)  
 1110 JAPAN unid 3/24 1140 man and woman w/JJ talk. (Vernon)  
 1110 CUBA CMKN very good //1120 w/man and woman in SS 2335 4/4. I still can't hear the tx on 1100. (Kaz) It is not much of a signal here-CH  
 1120 CUBA Holguin good //stronger 1110 at 2335 4/4. (Kaz)  
 1130t COLOMBIA HJAC Barranquilla suspected w/local mention 0357 4/12. (Kaz)  
 1130 HAWAII KLEI Oahu 4/6 very big OC, no audio except SID at 1255. (Vernon)  
 1134t AUSTRALIA 2AD Adelaide 4/8 noted in and out, strong at 1046, 1115, w/rr mx, 1133 w/rel pgm, never got a definite ID. (Vernon)  
 1134 JAPAN JOQR Tokyo 4/8 1222 two females w/talk in JJ. (BV)  
 1134 UNID 3/23 1254 rr mx, much CKWX QRM, probably 2AD Adelaide. (Vernon)  
 1140 CUBA Media Luna CMNO fair-good w/boxing coverage 0242 4/12. (Kaz)  
 1142.3 CUBA Jovellanos jammer w/60 Hz hum 0216 4/5. (Kaz)  
 1143t AUSTRALIA 2HD Newcastle 3/23 1344 male anncr w/DU accent. (Vernon)  
 1152 NEW ZEALAND 3ZC Timaru 3/23 1343 rr mx, fair sig //1035 Com. net. (Vernon)  
 1161 FRANCE Strasbourg poor w/man and woman in FF 0514 3/31. (Connolly)  
 1170t HAITI Port-au-Prince 4VRS likely w/FF talk very good at 0044 4/5 and 0030 4/12. (Kaz)  
 1179 JAPAN JOOR Osaka 3/23 1431 female singer, JJ ballad. (Vernon)  
 1188 AUSTRALIA 2NZ Inverell 3/23 1105 male w/nx, 1105½ local sponsor named, male w/local wx, high of 32 C expected-the mercury doesn't really get that high, hi. 1106 Back to the Bible pgm, KEX 1190 seemed to be off, OC noted back on 1110. (Vernon)  
 1188 JAPAN JOKP Kitami 4/7 1135 male w/JJ talk splashing all o/REX 1190. (Vernon)  
 1196 WEST GERMANY listing in vol. 48 #22 should be on 1197, sri. (Vernon) Maybe my mistake????? CH  
 1197 AUSTRALIA 4GG Soutnport 3/23 1111 rr mx, had to be tnis, xInt sig. (Vernon)  
 1197 JAPAN unid 3/24 1043 male and female w/JJ talk, in briefly maybe JOFO, possible //1278 was not in. (Vernon)  
 1197 WEST GERMANY VOA Munich 3/18 big band mx, 0340 male anncr then woman w/talk about a special monkey in Boston. (Vernon)  
 1206 AUSTRALIA 2GF Grafton 3/20 1102 wx forecast, 1102½ 3JD "Your station 2-G-F", rr mx. (Vernon)  
 1206 CHINA Jilin 3/24 1328 female w/CC talk. (Vernon)  
 1206 FRANCE Bordeaux fair to good w/male AA chanting 0503 3/24. Loud w/man and woman in FF 0507 3/31. (Connolly)  
 1206 UNID 3/18 0338 oräental guitar mx, very good sig for a while, assume was France-Culture on early or something? (Vernon)  
 1206 UNID 3/23 1412 cl mx, 1420 male anncr, readability zero, piano mx followed. (Vernon)  
 1215t ALBANIA Lushnje R. Tirana 3/18 0319 woman anncr, very weak signal, Turkish listed. (Vernon)  
 1233 CZECHOSLOVAKIA Praha 3/18 0333 woman w/nx, 0337½ instrumental mx. (Vernon)  
 1242 JAPAN JOLE Tokyo 3/23 1411 male singer in JJ. (Vernon)  
 1251 CHINA Qinghai PBS Xining listing per verie, but question this as the stn I used to hear was very strong and not noted now since 10/79. (Vernon)  
 1251 USSR Vladivostok 3/24 1329 FS IS. (Vernon)  
 1260 JAPAN JOIR Sendai 3/23 1422 male w/JJ talk topping CFRN. (Vernon)  
 1269 WEST GERMANY DLF Neumunster 3/18 0324 chorus type mx in GG. (Vernon)



1287 JAPAN JOHR Sapporo 3/19 1453 jazz type mx, local-like sig. (Vernon)  
 1296 AUSTRALIA 4BK Brisbane 3/24 rr mx, 1029 annct for Playboy mag. (Vernon)  
 1296 NEW ZEALAND 1ZH Hamilton 3/10 1107 noted w/c&w mx //1035. (Vernon)  
 1314 JAPAN JOUF Osaka 3/19 1454 woman singing in JJ, xlnr sig. (Vernon)  
 1314 NORTH IRELAND listing in vol. 48 #22 should read 1341, srl again. (Vernon)  
 1332 JAPAN JOSF Nogoya 3/19 1455 woman singing in JJ. (Vernon)  
 1332 NEW ZEALAND Radio I, Auckland 4/7 1212 "lucky 5 contest", serial number of a \$5 bill given, was worth \$450 if bill shown at stm. (Vernon)  
 1338t HONDURAS San Pedro Sula HRRG suspected poor w/LA mx 0411 4/12. (Kaz)  
 1350 NEW ZEALAND 1ZC Rotorua 3/23 male anncr, weak but clearly //1044 Com. net. (Vernon)  
 1370 UNID LA noted w/SS talk 0409 4/12. (Kaz)  
 1384 UNID carrier too weak for audio, maybe Honduras, 0436 4/12. (Kaz)  
 1395t AUSTRALIA 2LT Lithgow 4/7 1202 male w/net sounding EE nx, in for only a few moments. (Vernon)  
 1404t GUINEA Conakry w/strong carrier but weak audio of man in verrnacular 0500 4/13. (Ridge)  
 1404 JAPAN JOQL Kushiuro 4/8 1307 child-like talk //HBC-1287, very good level. (Vernon)  
 1413 AUSTRALIA 2KO Newcastle 4/6 rr mx, 1300 woman sang "it's eleven o'clock", nx followed but no ID-female on the hour is a dead giveaway. (Vernon)  
 1422 WEST GERMANY Saarbrucken 3/18 0256 Rose Garden mx, 0257 instrumental mx, 0300 bell gong sound, male w/nx in GG //1593, xlnr sig, slight Greenland QRM. (Vernon)  
 1425 GREENLAND Radio 1425, Thule 3/25 MoR mx w/woman anncr, 1200 same woman w/American Forces Radio Thule ID, Morning Edition from NPH followed. Is heard daily July-March. (Vernon)  
 1440 JAPAN JOWF Sapporo 4/8 1329 female then male w/talk, regular here when cx from Japan are good. (Vernon)  
 1458t ALBANIA Slavic-sounding talk by woman 0335 4/1. (Connolly)  
 1458 NEW ZEALAND 3YW Westport 3/23 male w/nx 1102 //1035 Com. net. (Vernon)  
 1467 FIJI Rakiraki 3/23 1102 Hindi type mx. (Vernon)  
 1467 MONACO Monte Carlo pegging meter w/1 KHz TT 0334 4/1. (Con)  
 1476 CHINA Wencheng 3/24 1329 male anncr in CC, USSR FS IS noted u/this. (Vernon)  
 1476 NEW ZEALAND R. Hauraki Auckland 4/7 rr mx 1321 spot to celebrate something in Auckland. (Vernon)  
 1494t JAPAN JOYR Okayama 3/24 1147 male and female anncrs, 1150 JJ mx, good sig for a while, not //HBC-1287. (Vernon)  
 1503t AUSTRALIA 3AK Melbourne 3/23 very poor sig, 1122 rel mx then gone, 1129 Perry Como mx, very hard to dis-entangle w/EZL stn KUMU-1500. (Vernon)  
 1505 ANGUILLA likely, poor w/barely audible mx 2343 4/11, more often noted now that they are 1 kw. (Kaz)  
 1512 AUSTRALIA 2NA Newcastle 4/7 1249 two men w/talk. (Vernon)  
 1521 USSR unk 3/22 1358 orchestral mx, 1359:20 Mayak IS, 1400 pips and woman anncr. (Vernon)  
 1530 AUSTRALIA 2VM Moree 3/23 rr mx 0241-0255 fade, had male anncr, plenty of TC's, no ID's, 0300 6 pips, "MacQuarie Nat. nx", female w/nx, very good sig when in. (Vernon)  
 1539 WEST GERMANY Mainflingen fair to good w/man in GG, some WPTB slop 0333 4/1. (Connolly)  
 1540 BAHAMAS 4/4 1000 EE local nx, obituaries by man, lots of Bahamas news items, notices of folks sent to Miami hospitals, local wx. (Perdue)  
 1548 AUSTRALIA 4QD Emerald 4/8 1330 piano mx, 1330 1/2 male anncr, very weak by this time. (Vernon)  
 1557t AUSTRALIA 2RE Taree 3/23 c&w mx 1038, talk about riding conditions w/rodeo cowboy, 1040 seemed to call the show "National Country Jamboree", more c&w followed. (Vernon)  
 1557 MALTA/FRANCE Cyclops DW w/man in GG in even strength dog-fight w/Nice who had man and woman in FF and Eastern European lang; both potent 0331 4/1. (Connolly)  
 1566 SOUTH KOREA HIAZ Jeju 3/24 1042 male w/talk, didn't sound like listed KK. (Vernon)

1566 TUNISIA Sfax poor w/man in AA 0505 3/24. (Connolly)  
 1570 MEXICO XERF Ciudad Acuna very good and best ever w/CKLM on. Dominant w/gospel mx and Texas address given at 0330 4/12. (Kaz)  
 1580 ANTIGUA VOA ranging from good to inaudible on TRF at inland QTH in Pawtucket from 0040-0105 4/20. EE nx in special EE at 0100, almost no CBJ. Noted good w/ID's and talk about Boston Marathon 0148 in Schenectady, later lost to CBJ. Signal strength estimated at 10-50 kw, maybe 50 kw with DA. (Kaz) New VOA heard here 4/4 from 0055 tune-in, 0058 standard VOA ID w/no mention of Antigua but the same is true of their other relay bases, to minimize embarrassment to the host countries. After 0100 got into cl mx-Copland, 0110 Triumphal March from Aida and misc. other light classics--probably playing a record they got from a TV offer. (Where's the Slim Whitman? CH). 0130 same ID and Leroy Anderson's "Typewriter Song". 0158 same ID but not heard subsequently. Heard again 4/5 at 0258 with usual ID, not noted next two nights. It will be interesting to see what amount of EE, SS and other langs will be used once on RS. I have seen nothing about this stn in the US press, making me wonder if the VOA has deliberately kept a low profile on it. (Why??CH) Except for the Covert Action Bulletin of Aug-Sept. 1980 which viewed this as a cover for CIA operations in the eastern Caribbean. It considered it quite suspicious that 60 employees were slated to run this one MW relay stn; in something of an exaggeration Covert Action was convinced that only one part time maintenance technician would be necessary, and that the other 59 must be spooks operating "the hub of a CIA communications network for the Eastern Caribbean, in other words a major telecommunications base". I have yet to see any report of the power of the VOA station, much less its directional properties. Nor was the frequency revealed before Clark discovered it. The frequency seems to have been well chosen. The only potential interference from an existing US stn is WSRF-1580 in Ft. Lauderdale but it has a null towards the Caribbean except the Bahamas. While there are dozens of LA stations on 1580 as there are on any non-split frequency, the highest power listed in WRTH-81 is only 2.5 kw, and that's way off in Uruguay (excepting XEDM in almost as far off Mexico), while the frequency is a graveyard in Brazil and to a lesser extent in Colombia and Chile. And there is no Virgin Islands or Puerto Rico stn on the freq. (Hauser) This dissertation edited slightly-CH  
 1580 MEXICO XEDM Hermosillo 4/1 0500 w/ID mentioning that Hermosillo is the capital of "estado de Sonora". Very strong, obliterating CBJ which signed off a few minutes later. (Got word of the QRM and gave up, eh-CH) Seldom hrd here w/CBJ on. (Sorensen)  
 1590 UNID LA noted w/boxing at 0320, anncr didn't seem to be the same as on the many Cubans. Had LA mx after fight at 0344 4/12. Maybe XEVOZ or R. Manzanillo, Cub. (Kaz)  
 1593 NEW ZEALAND R. Pacific, Auckland 3/23 1037 tele-talk w/woman hostess. (Vernon)  
 1593 WEST GERMANY Langenberg very good (despite flu'ter fading): Muzak booming in at 0321 4/1. (Connolly)  
 1610 ANGUILLA good at 0000 4/12 w/ID as "This is the Caribbean Beacon broadcasting from the Caribbean island of Anguilla on 690 KHz and 1610 KHz with a power of 50,000 watts on each frequency". ID at 0300 xlnr w/"you are tunes to the newest gospel voice in the Caribbean, the Caribbean Beacon". 690 not heard despite numerous attempts. This is weak for announced 50 kw as is hard to hear on TRF's at inland QTH's. Sounds more like 5-10 kw and definitely stronger than 1505. (Kaz) Booming in 4/11 at 0200 with Caribbean Radio Beacon ID, believe announced 1605 rather than 1610. (Petrick) Noted fair 4/12 eve w/EE gospel. (Hostetler) Kaz-690 not heard because it is not on the air due to transmitter problems per anncts heard mid-April on 1610-CH

Out of room-credits and an explanation of the strange echo sounds heard on 1053 by various west coast types next time.....73

# INTERNATIONAL DX ACHIEVEMENTS

PAUL SWEARINGEN  
P.O. BOX 500  
MORAN, KS 66755

DX'er	Yr.	Location	Countries	T. V.	South America	Best Verie
*Ernest R. Cooper, 33		Massachusetts	79	4142	131 ZP-14 - 870 Paraguay	10 kw.
Hank Holbrook, 46		Maryland	101 VAC	2453	93 ZYB-5-1270 Natal, Brazil	1 kw.
Roger Anderson, 38		Virginia	105 VAC	1448	78 HC7LA	
Hank Wilkinson, 32		California	79 VAC	510	73 CX-26 - 1050	1500 w.
*Ray Crawford, 60		New Zealand	161 VAC	1474	59 HCMH-6 - 1535 Ecuador	1 kw.
Andy Rugg, 60		Quebec	60	1494	48 CB-73 - 730 Chile	10 kw.
Ben Dangerfield, 58		Pennsylvania	117 VAC	421	44 ZP-14 - 870 Paraguay	
Gene Allen, 40		California	65 VAC	2916	37 HCJB - 974	1 kw.
Hilding Gustafson, 34		Florida	108 VAC	856	33 CB-138	5 kw.
John Callarman, ??		Illinois	50 VAC	740	20 HCFV-1 - 805	1.25 kw.
Paul Swearingen, 75		Kansas	21	464	16 HCBG-1 - 735 Quito, Ecuador	
Rick Carr, 75		Texas	37	1245	13 R. A. N. I. - 914 Surinam	
Sid Steele, 31		Illinois	10	2967	10 CX-26	
Frank Wheeler, 31		Pennsylvania	23	1725	7 LR5 - 830	10 kw.
Mike Knitter, 74		Wisconsin	10	710	3 HJVF - 1220 Colombia	10 kw.
Wayne Heinen, ??		Colorado	18	882	2 HJGE - 1030	
Niel Wolfish, 77		Ontario	11	239	2 YVOV - 540	
Ron Musco, 62		Connecticut	26	1045	1 ?	
Konstantine Rychalsky, 70		Connecticut	12	289	1 PJB - 800	500 kw.
Eric Loy, 75		Illinois	3	65	-	
Earl Higgins, 79		Illinois	7	60	-	
Don Lynch, 60		Massachusetts	9	?	? PRE-3 - 1180 Brazil (heard)	

VAC = Verified All Continents; Yr. year began keeping veries. Welcome back to longtime DX'ers Dangerfield, Holbrook, Steele; welcome to newcomer Mike Knitter, whose wife comments about his totals, "It isn't much, but it's better than the 700 other NRC'ers who haven't reported!" Thanks to Hilding Gustafson for the updater, and thanks especially to Ben Dangerfield for his comments and suggestions, and to Hank Holbrook for the country list; I badly needed it. I'm still hoping for a 40-member IDXA by the end of the year; even if you have just started and have fewer than a dozen non-domestics you can still get your name in print, hi. The old-timers with 1,000+ veries had to start somewhere, after all. In editing this column I've surmised that each DX'er has a special emphasis in achievements: total veries, countries, VAC, or whatever. What's yours? Perhaps one or more of you old-timers can help a younger member focus his efforts and thus get more out of the hobby. Send your comments and we'll summarize them as they arrive. I still plan to run the second IDXA Hall of Fame with countries as the qualifier and VAC, then total veries, as tiebreakers, sometime this summer if summer school (5 hours of French, 4 of Spanish in five weeks in June) doesn't take up all my time. An asterisk (\*) by your name above means that your last updater is a year or more old; we'll run your totals once more before your card is relegated to the inactive file. Update as follows: VERIES ONLY: total veries (incl. domestics), total countries (incl. domestics), total foreign veries, North American veries (no domestics - Canada and U. S. - allowed), South American veries, European veries, Oceanian veries, African veries, Asian veries, the year you started keeping veries; and your best veried catch (or heard) from each category. Indicate whether you take taped or paper veries or both. New and more complete guidelines should be in print late this summer -- I hope. Next IDXA: North America (non-domestic), with total countries as the tiebreaker. Deadline: Monday, June 22, to make the July 6 issue.

73.

*Paul Swearingen*

NRC HAM LIST UPDATER- 4/15/81 via Russ Edmunds

Call	Class	State	Name	Opns.
WA2UOI	A	NY	Lexington Smith	80-10 + 2 SSB, CW
KA3DBN		MD	John Rouse	
WH6ADA	T	HI	Al Edwards	2 FM, 6 SSB/CW, 10/15 CW
KABICC		OH	Brad Lovett	
WD9INP	T	IN	Charles A. Taylor	Inactive/VP9
WBØRSW/6		CA	Wm. T. Croghan Jr.	
LA5VAA	A	NORWAY	Geir Stokkeland	10-80m 10-20 afternoons, eves 40m Sunday AM LT

# CONTESTS

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

And now the results of Contest #6:

Mike Jeziorski	40
Earl Higgins	37
Nancy Hardy	27
Paul Mount	19
Ray Barno	14

Mike wins again. Congratulations!!  
And now to the last Contest of the '80-'81 season for the N.R.C.:

**Contest #7: STATIONS THAT CUT THEIR POWER IN HALF WHEN THEY OPERATE AT NIGHT.**

In other words, the only stations eligible to be counted as entries would be those with the following day/night powers:

50,000/25,000
10,000/ 5,000
5,000/ 2,500
1,000/ 500
500 250

Winner shall be determined by who can positively identify and log the most stations under this restriction in the time allowed. Stations submitted as entries must conform to the Log and its updaters. Please include the following items when sending in your entry: date, time, frequency, station, and a little program info. The best of luck to everyone.

Date: Any one or several, you decide.

Time: Time can be split up in any way you desire, but total time for participation must not exceed two (2) hours.

Deadline for Entries: May 27, 1981

Prize: The winner shall receive his choice of \$3.00 of any reprints. (exc. M. Jeziorski & E. Higgins)

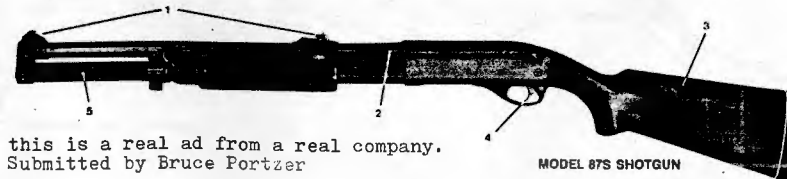
This Contest Season couldn't have wound down any better. Here we are going into the final Contest and our two leading contenders for the DX News free subscription are deadlocked!! I can't wait for your entries. And to the rest of you--show 'em up. Til June--

## GRAND PRIZE RACE

Mike Jeziorski	59
Earl Higgins	59
Paul Mount	19
Nancy Hardy	17
Bob Curtis	12
Bill Regan	7
Eric Loy	5
Bill Conti	3
Ray Barno	3
Albert Edwards	0

J.K.

## The LPC system approach to laser-aiming

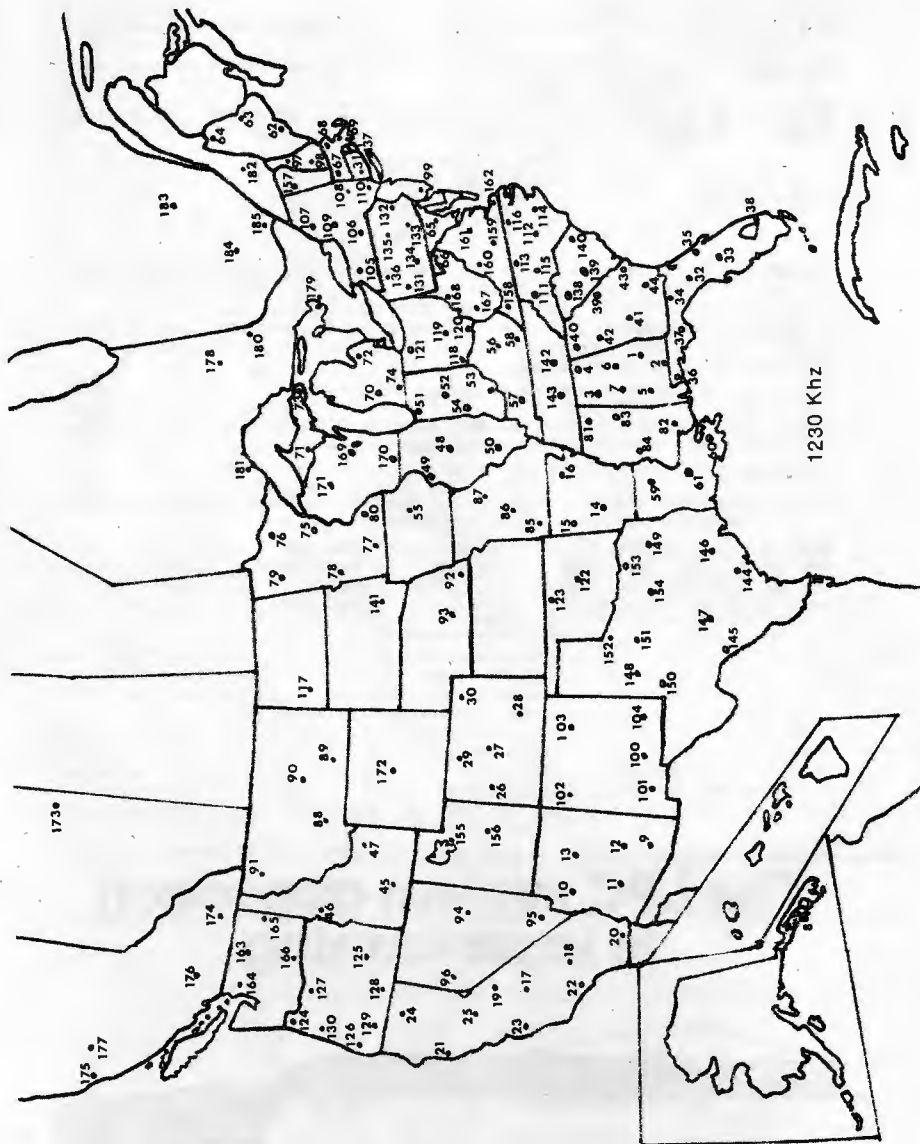


NOTE: this is a real ad from a real company.  
Submitted by Bruce Portzer

MODEL 87S SHOTGUN

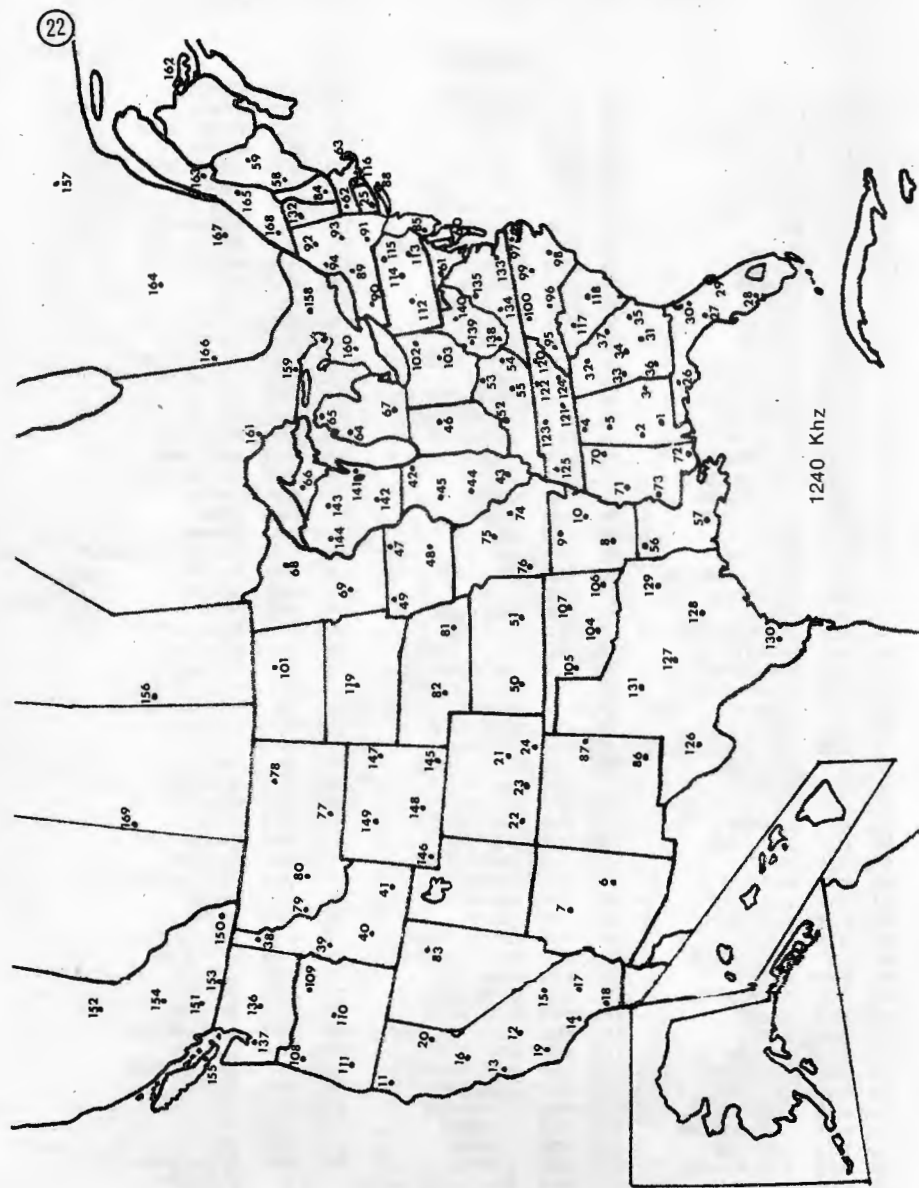
## GRAVE YARD MAPS

BILL HALE



## 1230 KHz

- |                            |                            |                                |
|----------------------------|----------------------------|--------------------------------|
| 1. WAUD AUBURN             | 65. WITH BALTIMORE         | 129. KYJC MEDFORD              |
| 2. WKVL FLORALA            | 66. WCMD CUMBERLAND        | 130. KTDO TOLEDO               |
| 3. WJBB HALEYVILLE         | 67. WMNB NORTH ADAMS       | 131. WBVP BEAVER FALLS         |
| 4. WBHP HUNTSVILLE         | 68. WESX SALEM             | 132. WEEX EASTON               |
| 5. WHOD JACKSON            | 69. WNEB WORCESTER         | 133. WKBO HARRISBURG           |
| 6. WNUZ TALLEDEGA          | 70. WCUZ GRAND RAPIDS      | 134. WCRO JOHNSTOWN            |
| 7. WYBC TUSCALOOSA         | 71. WIKB IRON RIVER        | 135. WBPZ LOCK HAVEN           |
| 8. KIFW SITKA              | 72. WMPC LAPEER            | 136. WTVV TITUSVILLE           |
| 9. KSUN BISBEE             | 73. WSOO SAULT STE. MARIE  | 137. WERI WESTERLY             |
| 10. KAAA KINGMAN           | 74. WSTR STURGIS           | 138. WAIM ANDERSON             |
| 11. KPFR PHOENIX           | 75. WKLK CLOQUET           | 139. WKAP COLOR BIA            |
| 12. KATO SAFFORD           | 76. KGHS INT 'L. FALLS     | 140. WOLS FLORINCE             |
| 13. KINO WINSLOW           | 77. KYSM MANKATO           | 141. KKRC SIOUX FALLS          |
| 14. KCON CONWAY            | 78. KMRS MORRIS            | 142. WMLR HOHEI WILD           |
| 15. KPFW FORT SMITH        | 79. KTRF THIEF RIVER FALLS | 143. WAKI McHIVVILLE           |
| 16. KBTM JONESBORO         | 80. KWNO WINONA            | 144. KSIX CORP S CHRISTI       |
| 17. KGAM BAKERSFIELD       | 81. WCMA CORINTH           | 145. KDLK DEL TIC              |
| 18. KWTC BARSTOW           | 82. WHSY HATTIESBURG       | 146. KNUZ HOUSTON              |
| 19. KIBS BISHOP            | 83. WSSO STARKVILLE        | 147. KERV KERRVILLE            |
| 20. KXO EL CENTRO          | 84. WAZP YAZOO CITY        | 148. KLVT LEVELAND             |
| 21. KDAC FORT BRAGG        | 85. KODE JOPLIN            | 149. KREE NACODOCHESS          |
| 22. KGFJ LOS ANGELES       | 86. KLWT LEBANON           | 150. KOZA ODESSA               |
| 23. KPRL PASO ROBLES       | 87. KWIX MOBERLY           | 151. KGRO PAMPA                |
| 24. KRDG REDDING           | 88. KBMN BOZEMAN           | 152. KSEY SEYMOUR              |
| 25. KWG STOCKTON           | 89. KHDN HARDIN            | 153. KSST SULPHUR SPRINGS      |
| 26. KEKO GRAND JUNCTION    | 90. KKLO LEWISTOWN         | 154. KWTX WACO                 |
| 27. KBRR LEADVILLE         | 91. KLCB LIBBY             | 155. KPRQ MURRAY               |
| 28. KDZA PUEBLO            | 92. KTNC FALLS CITY        | 156. KOAL PRICE                |
| 29. KBCR STEAMBOAT SPRINGS | 93. KHAS HASTINGS          | 157. WJOY BURLINGTON           |
| 30. KSTC STERLING          | 94. KELY ELY               | 158. WBBI ABINGDON             |
| 31. WINF MANCHESTER        | 95. KLAV LAS VEGAS         | 159. WODI BROCKNEAL            |
| 32. WGGG GAINESVILLE       | 96. KCBN RENO              | 160. WXCF CLIFTON FORGE        |
| 33. WONN LAKELAND          | 97. WMOU BERLIN            | 161. WFVA FREDERICKSBURG       |
| 34. WMAF MADISON           | 98. WTSV CLAREMONT         | 162. WNOR NORFOLK              |
| 35. WSBB NEW SMYRNA BEACH  | 99. WCMC WILDWOOD          | 163. KOZI CHELAN               |
| 36. WNVY PENSACOLA         | 100. KPSS ALAMAGORDO       | 164. KWYZ EVERETT              |
| 37. WCNH QUINCY            | 101. KOTS DEMING           | 165. KSPD SPOKANE              |
| 38. WJNO WEST PALM BEACH   | 102. KYVA GALLUP           | 166. KREW SUNNYSIDE            |
| 39. WBLA AUGUSTA           | 103. KPUN LAS VEGAS        | 167. WLOG LOGAN                |
| 40. WBLJ DALTON            | 104. KRST ROSWELL          | 168. WKYG PARKERSBURG          |
| 41. WKLI DUBLIN            | 105. WBEK CHEEKTOWAGA      | 169. WHBY APPLETON             |
| 42. WFOM MARIETTA          | 106. WENY ELMIRA           | 170. WCLO JANESVILLE           |
| 43. WSOK SAVANNAH          | 107. WIGS GOVERNEUR        | 171. WXCO WAUSAU               |
| 44. WAYX WAYCROSS          | 108. WHUC HUDSON           | 172. KWCC CASPER               |
| 45. KBRB BURLEY            | 109. WLFH LITTLE FALLS     | 173. CJOK FORT Mc MURRAY       |
| 46. KORT GRANGEVILLE       | 110. WFAS WHITE PLAINS     | 174. CKQR CASTLE GAR           |
| 47. KCRK REXBURG           | 111. WSKY ASHEVILLE        | 175. CKTK KITTI CAT            |
| 48. WJBC BLOOMINGTON       | 112. WFAI FAYETTEVILLE     | 176. CJNL MERTON               |
| 49. WQUA MOLINE            | 113. WMFR HIGH POINT       | 177. CFVB SMITHERS             |
| 50. WHCO SPARTA            | 114. WTSP KINGSTON         | 178. CFLK KAFUSHKASING         |
| 51. WJOB HAMMOND           | 115. WNNC NEWTON           | 179. CKMP MI LAND              |
| 52. WSAL LOGANSPOFT        | 116. WCBT ROANOKE RAPIDS   | 180. CJTT NEW LISKEARD         |
| 53. WFCJ TELL CITY         | 117. KDIX DICKINSON        | 181. CFPA THUNDER BAY          |
| 54. WBOW TERRE HAUTE       | 118. WUBE CINCINNATI       | 182. CJLP ISRAELI              |
| 55. KFJB MARSHALLTOWN      | 119. WCOL COLUMBUS         | 183. CHVD DOLBEAU              |
| 56. WHIR DANVILLE          | 120. WIRO IRONTON          | 184. CBNB MANIWAKI             |
| 57. WHOP HOPKINSVILLE      | 121. WCWA TOLEDO           | 185. GJSA STE-AGATHE-DES MONTS |
| 58. WANO PINEVILLE         | 122. KADA ADA              |                                |
| 59. KLIC MONROE            | 123. WBBZ PONCA CITY       |                                |
| 60. WBOK NEW ORLEANS       | 124. KVAS ASTORIA          |                                |
| 61. KSLO OPELOUSAS         | 125. KRNS BURNS            |                                |
| 62. WBME BELFAST           | 126. KHSN COOS BAY         |                                |
| 63. WQDY CALAIS            | 127. KRDR GRESHAM          |                                |
| 64. WSJR MADAWASKA         | 128. KQIK LAKEVIEW         |                                |



1240 Khz

- |                           |                         |                          |
|---------------------------|-------------------------|--------------------------|
| 1. WEBJ BREWTON           | 62. WHAI GREENFIELD     | 126. KVLV ALPINE         |
| 2. WPRN BUTLER            | 63. WOGB W. YARMOUTH    | 127. KYXL BROWNWOOD      |
| 3. WULA EUPAULA           | 64. WATT CADILLAC       | 128. KTAM BRYAN          |
| 4. WBCF FLORENCE          | 65. WCEY CHEBOYGAN      | 129. KOCA KILGORE        |
| 5. WARF JASPER            | 66. WJPD ISHPEMING      | 130. KSOX RAYMONDVILLE   |
| 6. KGJM GLOBE             | 67. WJIM LANSING        | 131. KXOX SWEETWATER     |
| 7. KEWA WILLIAMS          | 68. WMFG HIBBING        | 132. WSKI MONTEPELIER    |
| 8. KVRC ARKADELPHIA       | 69. WJON ST. CLOUD      | 133. WSSV PETERSBURG     |
| 9. KTLO MOUNTAIN HOME     | 70. WMPA ABERDEEN       | 134. WROV ROANOKE        |
| 10. KWAK STUTTGART        | 71. WGRM GREENWOOD      | 135. WTON STAUNTON       |
| 11. KPQD CRESCENT CITY    | 72. WCGM GULFPORT       | 136. WLE ELLENBURG       |
| 12. KJOP LEMOORE          | 73. WMIS NATCHEZ        | 137. WGY OLYMPIA         |
| 13. KESE MONTEREY         | 74. KFMO FLAT RIVER     | 138. WKOY BLUEFIELD      |
| 14. KPCC PASADENA         | 75. KWOS JEFFERSON CITY | 139. WTIP CHARLESTON     |
| 15. KLOA RIDGECREST       | 76. KNEM NEVADA         | 140. WDNE ELKINS         |
| 16. KROY SACRAMENTO       | 77. KEMY BILLINGS       | 141. WOMT MANTI WOOD     |
| 17. KDIG SAN BERNARDINO   | 78. KLTZ GLASGOW        | 142. WIBU POYNEITE       |
| 18. KSON SAN DIEGO        | 79. KLYQ HAMILTON       | 143. WOBT RHINELANDER    |
| 19. KSMA SANTA MARIA      | 80. KBLL HELENA         | 144. WJMC RICE LAKE      |
| 20. KSUE SUSANVILLE       | 81. KFOR LINCOLN        | 145. KFEX CHEYENNE       |
| 21. KRDO COLORADO SPRINGS | 82. KODY NORTH PLATTE   | 146. KEVA EVANSTON       |
| 22. KDGO DURANGO          | 83. KELK ELKO           | 147. KASL NEWCASTLE      |
| 23. KSLV MONTE VISTA      | 84. WFTN FRANKLIN       | 148. KRAL RAWLINS        |
| 24. KCRT TRINIDAD         | 85. WSNJ BRIDGETON      | 149. KTHE THUNDERBOLT    |
| 25. WCCO WATERBURY        | 86. KANQ CARLSBAD       | 150. CFEX FERRIS         |
| 26. WBCG CHIPLEY          | 87. KCLV CLOVIS         | 151. CKGO HOPE           |
| 27. WLCO EUSTIS           | 88. WGBB FREEPORT       | 152. CKMK MACKENZIE      |
| 28. WINK FT. MYERS        | 89. WGVA GENEVA         | 153. CKOO OLIVER         |
| 29. WMMB MELBOURNE        | 90. WJTN JAMESTOWN      | 154. CKXV 100 MILE HOUSE |
| 30. WFOY ST. AUGUSTINE    | 91. WVOS LIBERTY        | 155. CJAV PORT ALBERNI   |
| 31. WBHB FITZGERALD       | 92. WNBZ SARANAC LAKE   | 156. CJAR THE PAS        |
| 32. WDUN GAINESVILLE      | 93. WWDV SCHENECTADY    | 157. CBPD WABUSH         |
| 33. WLAG LA GRANGE        | 94. WATN WATERTOWN      | 158. CJNH BANCROFT       |
| 34. WDDO MACON            | 95. WPNF BREVARD        | 159. CBPL ESPANOLA       |
| 35. WWSN STATESBORO       | 96. WIST CHARLOTTE      | 160. CJCS STRATFORD      |
| 36. WPAX THOMASVILLE      | 97. WCNC ELIZABETH CITY | 161. CJWA WAMA           |
| 37. WTTA THOMSON          | 98. WJNC JACKSONVILLE   | 162. CJRW SUMMERSIDE     |
| 38. KVNI COEUR D'ALENE    | 99. WPJL RALEIGH        | 163. CJAF CABANO         |
| 39. KMCL MC CALL          | 100. WWCW WILKESBORO    | 164. CJMD CHIBOUGAMAU    |
| 40. KFLL MOUNTAIN HOME    | 101. KDLR DEVILS LAKE   | 165. CIRE LAC-ETCHEMIN   |
| 41. KWIK POCATELLO        | 102. WBBW YOUNGSTOWN    | 166. CKLS LA SALLE       |
| 42. WEDC CHICAGO          | 103. WHIZ ZANESVILLE    | 167. CFLM LA TUQUE       |
| 43. WCRW CHICAGO          | 104. KVSO ARDMORE       | 168. CKBS ST-HYACINTHE   |
| 44. WSBQ HARRISBURG       | 105. KADS ELK CITY      | 169. CJNS MEADOW LAKE    |
| 45. WTAX SPRINGFIELD      | 106. KBEL IDABEL        |                          |
| 46. WSDR STERLING         | 107. KOKL OKMULGEE      |                          |
| 47. WDBU ANDERSON         | 108. KFLY CORVALLIS     |                          |
| 48. KDEC DECORAH          | 109. KTIY PENDLETON     |                          |
| 49. KWLC DECORAH          | 110. KPRB REDMOND       |                          |
| 50. KBIZ OTTUMWA          | 111. KQEN ROSEBURG      |                          |
| 51. KICD SPENCER          | 112. WRTA ALTOONA       |                          |
| 52. KIUL GARDEN CITY      | 113. WHUM READING       |                          |
| 53. KAKZ WICHITA          | 114. WSEW SELINGSGROVE  |                          |
| 54. WINN LOUISVILLE       | 115. WBAX WILKES BARRE  |                          |
| 55. WPTM MAYSVILLE        | 116. WWOV WOONSOCKET    |                          |
| 56. WPKV PIKEVILLE        | 117. WKDK NEWBERRY      |                          |
| 57. WSFC SOMERSET         | 118. WDXV SUMTER        |                          |
| 58. KASO MINDEN           | 119. KCCR PIERRE        |                          |
| 59. KANE NEW IBERIA       | 120. WBEJ ELIZABETHTON  |                          |
| 60. WCOU LEWISTON         | 121. WEKR FAYETTEVILLE  |                          |
| 61. WPKR MILLINOCKET      | 122. WHEL KNOXVILLE     |                          |
| 62. WCEM CAMBRIDGE        | 123. WKDA NASHVILLE     |                          |
| 63. WJEJ HAGERSTOWN       | 124. WEDG SODDY DAISY   |                          |
|                           | 125. WENK UNION CITY    |                          |

# NETWORK NEWS FROM 'NEWSRADIO'

by  
Brian Vernon

Overnight hourly newscasts started March 1st in Atlantic and Eastern Canada to provide network stations with news between midnight and 6 AM local times on the hour.

CJNH-1240 and CJTN-1270 relay CJBQ-800; also carrying the network news are CKGL-FM Kitchner and CKBY-FM Ottawa.

Newsradio info via Randolph Beck, operations manager of Newsradio, who after two years of trying finally got the network approved by the C.R.T.C.

STATION	EASTERN TIMES →		Mon-Fri.		TUES-SAT.						Spt.		SUNDAY MORNING (A.M.)						Spt.		MONDAY MORNING (A.M.)					
	11	12	1	2	3	4	5	6	11	12	1	2	3	4	5	6	11	12	1	2	3	4	5	6		
590-CKEY-ON			*	*	*	*	*	*									*	*	*	*	*	*	*	*	*	
630-CFCO-ON																										
790-CKSO-ON			*	*	*	*	*	*																		
800-CJBG-ON			*	*	*	*	*	*																		
920-CKCY-ON			*	*	*	*	*	*																		
960-CKWS-ON			*	*	*	*	*	*																		
960-CHNS-N.S.			*	*	*	*	*	*																		
980-CHEX-ON			*	*	*	*	*	*																		
980-CFPL-ON																										
1150-CHSJ-NB			*	*	*	*	*	*																		
1220-CHSC-ON			*	*	*	*	*	*																		
1220-CJSS-ON			*	*	*	*	*	*																		
1240-CJNH-ON			*	*	*	*	*	*																		
1270-CJTN-ON			*	*	*	*	*	*																		
1280-CJJD-ON			*	*	*	*	*	*																		
1450-CFJR-ON			*	*	*	*	*	*																		

## R-390A ALIGNMENT CHART

by Charles A. Taylor

(excluding 455-kHz, fixed-frequency IF)

1. Initial setup Set all front-panel controls as follows:

- |                         |                           |
|-------------------------|---------------------------|
| A. FUNCTION switch: CAL | I. BANDWIDTH KC: 8        |
| B. BREAK IN switch: X   | J. BFO ON/OFF switch: OFF |
| C. LIMITER control: OFF | K. LOCAL GAIN: CCW        |
| D. AGC switch: FAST     | L. DIAL LOCK: CCW         |
| E. ANT TRIM: "0"        | M. ZERO ADJ: CCW          |
| F. LINE GAIN: CCW       | N. RF GAIN: CW            |
| G. AUDIO RESPONSE: WIDE | O. MEGACYCLE CHANGE: X    |
| H. BFO PITCH: "0"       | P. KILOCYCLE CHANGE: X    |

X= irrelevant

2. Allow about 30 minutes warmup before proceeding.

3. Set receiver in turn to each frequency specified below, in column A. of TABLE 1. Adjust the corresponding inductors (L-) specified in column B. of TABLE 1, and then the corresponding trimmer capacitors (C-) specified in column C. of TABLE 1. Rock the KILOCYCLE CHANGE back and forth for a maximum indication on each frequency on the CARRIER LEVEL meter. Refer to CHART 1 for the location of adjustments.

TABLE 1

A.	B.	C.	A.	E.	C.
600 kHz	L224-1 L224-2		4400 kHz	L227-1 L227-2	
900 kHz		C230-1 C230-2	7600 kHz		C239-1 C239-2
1170 kHz	L225-1 L225-2		8800 kHz	L228-1 L228-2	
1900 kHz		C233-1 C233-2	15200 kHz		C242-1 C242-2
2200 kHz	L226-1 L226-2		17600 kHz	L229-1 L229-2	
3800 kHz		C236-1 C236-2	30400 kHz		C245-1 C245-2

4. Set the receiver FUNCTION switch to AGC. Assure that the regularly used antenna is connected to the receiver input.

5. Received signals are used to make the following alignment. Reception of a relatively stable-intensity signal is indicated for alignment, so it may be necessary to seek such a signal at a frequency slightly at variance with those specified in the following TABLE 2; however, the alternate chosen frequency should not differ from the specified frequency by more than 10%. When aligning on alternate frequencies, chose a HIGHER alternate frequency when aligning inductors (L-); and chose a LOWER frequency when aligning capacitors (C-).

**NOTE**

A signal generator may be used to good effect in the following alignment. Do not make a direct connection from the signal generator to the antenna or receiver. Instead, using a short antenna wire of a few feet connected to the generator's output, radiate a signal at the frequencies specified in the following TABLE 2 to the receiving antenna. Use the least output from the generator that just produces a usable indication on the CARRIER LEVEL meter. Note that TABLE 1 adjustments may be "touched up" (as may all following adjustments in all tables) using the radiated signal from the generator.

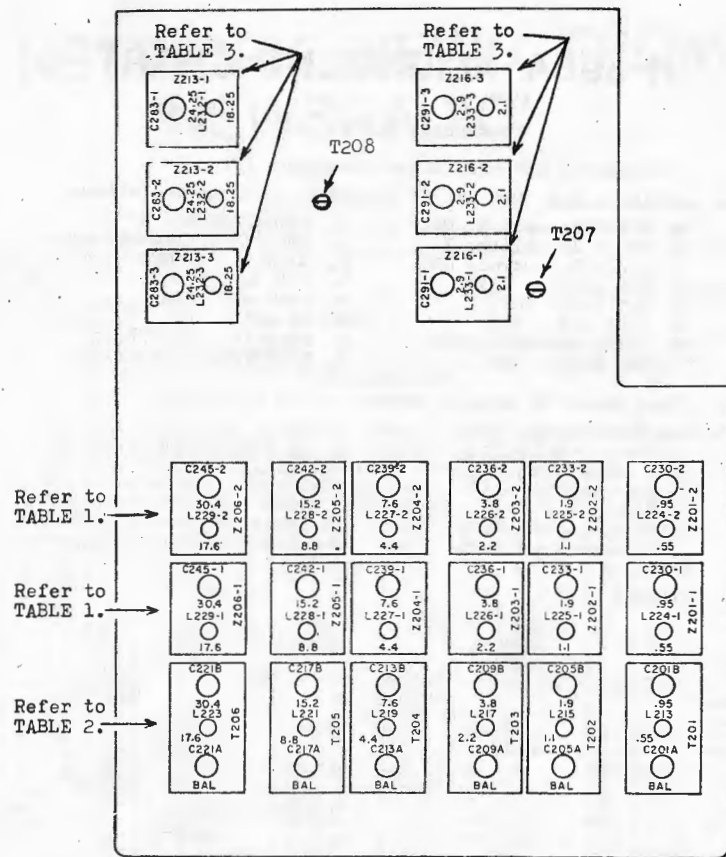


Chart 1. Adjustment points on R-F subchassis.

TABLE 2

A.	B.	C.	A.	B.	C.
600 kHz	L213		4400 kHz	L215	
900 kHz		C201B	7600 kHz		C213B
1100 kHz	L215		8800 kHz	L221	
1900 kHz		C205B	15200 kHz		C217B
2200 kHz	L217		17600 kHz	L223	
3800 kHz		C209B	30400 kHz		C221B

6. Set the receiver FUNCTION switch to CAL, then align the inductors and capacitors specified in TABLE 3.

TABLE 3

A.	B.	C.	A.	B.	C.
1300 kHz	L232-1		1900 kHz	L233-1	
	L232-2			L233-2	
	L232-3			L233-3	
7300 kHz		C283-1	1100 kHz		C291-1
		C283-2			C291-2
		C283-3			C251-3

7. Set the receiver KILOCYCLE CHANGE to any 100 kHz calibration point between 500 kHz and 7900 kHz, and align the following adjustments:

T207  
T208

8. Referring to CHART 2, set the receiver KILOCYCLE CHANGE and MEGACYCLE CHANGE controls for a dial reading of 8100 kHz, and adjust the trimmer labelled "8" on the Crystal Oscillator subchassis for a peak indication on the CARRIER LEVEL meter. Next, tune the receiver to 9100 kHz, and likewise adjust the trimmer labelled "9". Then, tune the receiver to 10,100 kHz, and adjust the trimmer labelled "10". Continue this to 31,100 kHz for the trimmer labelled "30". Note that the trimmer labelled "17" also aligns the 00 MHz band, the trimmer labelled "16" also aligns the 01 MHz band, and so on. Therefore, those bands are aligned in the above procedure.

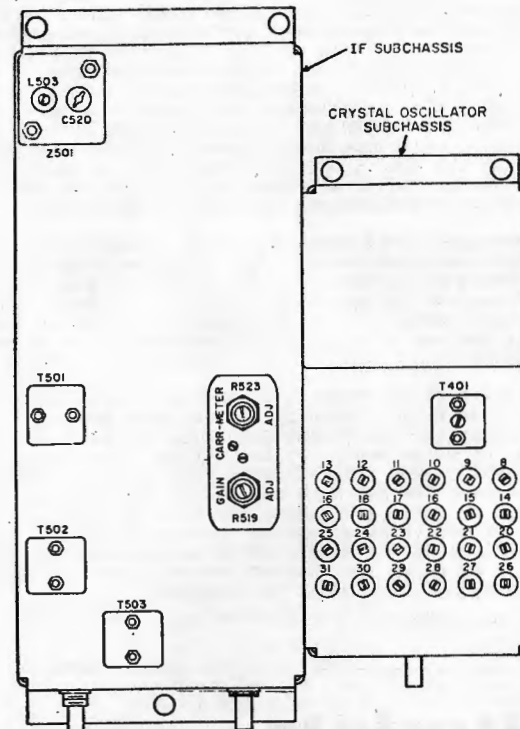


Chart 2. Adjustment points on I-F subchassis and Crystal Oscillator.

9. Rotate the RF GAIN control fully CCW. Loosen the locking nut on the CARR-METER adjustment potentiometer, R523, on the I-F subchassis. Using a flat-blade screwdriver, rock R523 back and forth across its present setting about ten times. This is to clear the pot of noise and dirt. Then, carefully reset this pot such that the CARRIER METER comes to rest on zero. This will probably require several tries.

**Notes** R519 (GAIN ADJ) on I-F subchassis is not critical to adjust, and generally only needs to be readjusted when the set is retubed. An approximately correct setting can be made thusly: (set up)

- A. FUNCTION switch: AGC
- B. BREAK IN switch: X
- C. LIMITER control: OFF
- D. AGC switch: X
- E. ANT TRIM: X
- F. LINE GAIN: fully CW
- G. AUDIO RESPONSE: WIDE
- H. BFO PITCH: X
- I. BANDWIDTH KC: 8
- J. BFO ON/OFF switch: OFF
- K. LOCAL GAIN: CCW
- L. DIAL LOCK: CCW
- M. ZERO ADJ: CCW
- N. RF GAIN: CW
- O. MEGACYCLE CHANGE: 05
- P. KILOCYCLE CHANGE: 500

- Q. LINE METER switch: -10
- R. DISCONNECT ALL ANTENNAS
- X= irrelevant.

With all controls thusly set, adjust the ANT TRIM control for a peak reading on the LINE LEVEL meter. What is being registered at this stage is "front end" noise of the set. The reading should be no less than "VU" on the -10 to VU scale of the LINE LEVEL meter (note that "VU" is to the right—upscale—of the physical center of the meter scale). It should also be no more than "VU" on the LINE LEVEL meter, with the LINE METER set to "0". R519 (GAIN ADJ) may be varied to bring the indication within this range. BEFORE varying the setting of R519, however, carefully SCRIBE A MARK ON THE POT TO INDICATE PRESENT POT SETTING. The pot can then be returned to its former position.

If you are unable to attain a "VU" reading on the LINE LEVEL meter with the LINE METER set to -10, and after adjusting R519, this probably indicates a need to retube the receiver. Note, however, that if the set has been functioning normally otherwise, don't be quick to test tubes. Refer the set to a qualified serviceman, if in serious doubt.

Depending on the characteristics of your longwire antenna, once your R-390A is optimized for that antenna, you may find that the set "front end" does not resonate exactly for such as an amplified loop. This is evidenced by the lack of a sharp, well-defined peak in signal and noise level when the ANT TRIM control is rotated. Since most amplified loops are tuned, and possess considerable "Q", this shouldn't be a problem (as far as cross-modulation is concerned). It is therefore advantageous to optimize your R-390A for the antenna that will be most likely to induce cross-modulation in your set.

-30-

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## Editorials

NASSAU EDITION, NEWSDAY, SATURDAY, FEBRUARY 21, 1981

### An Earlier Run to Daylight

If you've looked out your window in the early morning lately, you know the eastern sky starts to turn pink before most of us are ready to venture outside. Tomorrow, the sun will rise over Long Island around 6:35 AM and set about 11 hours later—long before most of us are ready to call it a night.

But if Rep. Richard Ottinger had his way, it would rise and set an hour later next Sunday.

The Westchester Democrat has just introduced an amendment to the Uniform Time Act of 1966 that would let daylight saving time begin on the last Sunday in

February rather than the last Sunday in April.

A similar change in Britain resulted in a shift in power demand to morning, when there's usually more spare capacity, and a reduction in highway fatalities.

Apart from those very worthwhile objectives, extending daylight saving time to the early spring months would also increase opportunities for outdoor recreation. In fact, we'd like to suggest that Ottinger's subcommittee on energy and conservation take one more step and try to put the country on *double daylight saving* in June, July and August.

via  
Bob Foxworth

## THE SONY ICF-S5W----ANOTHER LOOK

Gerry Thomas

(with help from Charlie Barfield)

As many of you know, Sony recently released a new AM/FM portable and, in an unprecedented move among manufacturers, has sought the help of DX'ers in the evaluation of the radio. Having been selected as one of the ten "monitors," I've had the opportunity to test the ICF-S5W for the past few weeks and offer the following results and impressions.

First of all, according to the letter accompanying the "loaner" ICF-S5W, the availability of the Sony is not limited to the New York City area; in fact, it was released nationwide last fall and should be obtainable through any Sony dealer. As an interesting aside, the ICF-S5W is, at the present time, the most popular Sony portable in Japan, according to the letter.

Because Mark Connelly's superb review of the ICF-S5W covered the radio in significant detail, I submit this article as a supplement to Mark's and will limit my discussion to points of difference between our impressions and to observations not made by Mark.

I would also like to remind the reader that the conditions under which Mark's and my comparison tests were conducted differed in several important ways, not the least of which was the fact that two different samples of the ICF-S5W provided the results. Equally important is the realization that the radios with which I compared the Sony were all optimally aligned for MW DX'ing, whereas the ICF-S5W was untouched, straight out of the box.

The radios with which the Sony was compared were a modified (3 kHz muRata IF filter) FRG-7 with a four-foot passive box loop; an SPR-4 (stock selectivity) with a 30-foot longwire; a General Electric Superadio; an unmodified Realistic TRF 12-655; and an unmodified Realistic TRF 12-656.

### PERFORMANCE

For the sensitivity and selectivity tests I used a modified "S10" grading system of the following description:

S (signal strength)	I (adjacent channel interference)	O (overall reception quality)
5 = excellent (local-like)	5 = totally free of splash	5 = entertainment grade
4 = good	4 = weak, minor splash audible well under signal	4 = good, armchair listening quality
3 = fair	3 = moderate splash but not interfering with intelligibility	3 = easily readable but not of a "5" or "4" quality
2 = poor	2 = heavy interference (up to 50% masking of signal)	2 = readable with effort
1 = very weak/barely detectable	1 = splash is intelligible or signal is masked over 50% of the time	1 = marginally readable
0 = not detectable	0 = 100% masking of signal	0 = unreadable

Two types of reception tests were conducted over several sessions---a daytime domestic DX test and a night test of foreign split-frequency reception.

### Daytime reception---

	FRG-7	SPR-4	ICF-S5W	Superadio	TRF 12-655	TRF 12-656
WSUN-620 (messy local WHYM on 610)	444	433	444	444	433	412
WSB-750	242	343	343	343	232	121
WFLA-970 (local WBOP-980)	444	433	444	434	434	333
WABF-1220 (local WNVY-1230)	101	101	322	000	000	000
WLCY-1380 (WCOA-1370)	455	444	455	333	312	000
WZEP-1460 (WBSR-1450)	322	100	222	100	000	000

As can be seen, the Sony provided reception that was largely equal to or better than any other receiver/antenna combination. Reception on 1220 kHz is usually possible on both the Superadio and TRF 12-655 but for several days running the reported ratings were the norm. An especially impressive sensitivity showing by the Sony occurred at my place of employment. I work in an underground ferro-concrete laboratory where reception on the BCB is abysmal. In fact, the best showing of any portable I own has been the Superadio, which manages to pull in all of my local stations (and nothing more). I was more than a little astonished when I put the Sony to this acid test and it not only provided the best ever reception of my locals but also pulled in a number of stations over 200 miles distant---unheard of!

Of the portables then, the Sony I had was the best performer, with the Superadio second, the TRF 12-655 third, and the TRF 12-656 last.

#### Split-frequency reception---

	FRG-7	SPR-4	ICF-S5W	Superadio	TRF 12-655	TRF 12-656
TICAL-525 (Costa Rica)	353	353	353*	353	253	252
TIRN-575 (Costa Rica)	433	433	343	433	233	222
YSS-655 (El Salvador)	444	433	423	433	343	311
Radio Belize-834	454	454	444	433	354	323
HRIC-1255 (Honduras)	322	211	211	211	222	000
Cayman Islands-1555	354	333	322	322	232	211

\*"Birdie" interfering with reception

Overall, I'd have to rate the TRF 12-655 the best (by a hair) of the portables for foreign DX despite its generally lower signal levels. The ICF-S5W and Superadio were not far behind and, in my opinion, essentially equal. I hasten to remind, however, that my Superadio has been aligned for optimal foreign DX'ing; the Sony would have "beat the pants off" of a stock Superadio.

#### OTHER CHARACTERISTICS AND OBSERVATIONS

##### Spurious responses---

The area where the ICF-S5W really fell down was in its handling of spurious responses and this, in my mind, seriously reduces its desirability. Significant images were evident on 540, 570, 590, and 640 kHz in the RF "normal" attenuator position and the band really came alive with images, mixing spurs, and harmonics when the attenuator was placed in the circuit. In addition, CW and RTTY was audible at night at a few spots on the dial (even without an external antenna attached). Cross-modulation was noted in only one instance (WHYM-610) and only on occasion. Also, pegging the dial pointer at minimum frequency (about 520 kHz) provided WWVQ-1430 at a fair level.

As Mark noted in his review, the Superadio and TRF 12-655 are essentially free of these problems (at least at our locations) although IF harmonics do show up on the TRF 12-655 (on the TRF 12-656 too).

Incidentally, my Sony ICF-5900W (which is now in its third year of 40+ hours/week duty at work---totally trouble-free) performs similarly to the ICF-S5W with respect to these various types of spurs so this is apparently a design problem. Additional front-end selectivity (neither Sony is a "TRF" (as we know it)) would go a long way toward correcting this shortcoming.

##### Attenuator---

This RF gain control feature is operative only on the AM section and can, I found, be useful in some situations. One of its peculiarities, however, is that, for some reason, inserting the attenuator into the circuit adds capacitance (I presume) to the tuning section. That is, if you are tuned to a weak station adjacent to, and higher in frequency than, a strong local, switching in the attenuator can actually increase the presence of the local (if tuning isn't readjusted). Optimal reception in this kind of situation, then, requires decreasing the capacitance by moving the dial pointer up about 2-3 kHz. As Mark noted, a schematic would have helped explain this problem and also shed some light on the increase in spurs that occurs with the attenuator in-line.

##### Zone Dial---

I really like the Zone Dial idea, primarily because it is an excellent vehicle for exposing casual listeners to BCB DX. Stations from all ten zones were audible here in Pensacola but one of the stations listed for my zone is audible at night only on rare occasions. This is WAPE-690 whose night antenna pattern directs most of its power into the Atlantic---NRC's night pattern book would have been of use to Sony in creating the zone lists. Another station listed for my zone is WKYM-810 which has never been logged here (in western Zone IV) with any receiver. Also, WBT-1110 was positioned at about 1170 kHz on the zone dial. Finally, Sony might consider mentioning in their

owner's manual that it is possible to hear stations outside of a listener's designated zone (there's no station overlap between zone listings, so the 50 kW clear channel stations appear only in their "home" zone).

Although the monitors were not to remove the back of the ICF-S5W, I obtained permission from Mr. John Strom of Sony to examine the inside of the cabinet and noted the following.

##### Ferrite rod antenna---

The Sony's ferrite rod antenna is 6 1/2" x 3/8" in size (slightly long than the TRF 12-655's, but smaller than the Superadio's) and is not mounted horizontally but rather at a slight (est. 20 degrees) angle. Conceivably, this could result in improved sky-wave nulling though I did not carefully investigate this possibility. Also, instead of using a few turns of wire around the ferrite rod with which to couple an external antenna (as in the TRF's and Superadio), the Sony uses about 70 turns of litz, This tighter coupling provided, in my opinion, the largest external antenna signal "kick" of any of the portables but, unfortunately, also exacerbated the spur and feedthrough problems.

##### Circuitry---

Despite the lack of mention of an integrated circuit in the ICF-S5W's brochure, IF amplification is handled by an IC (there goes the emitter by-pass transfilter modification). Somewhat surprisingly, audio section amplification is provided by discrete components. It would seem that since most of the current draw in a radio circuit is by the audio section, Sony would have used an IC for this function (and kept the discrete components in the IF section (for our benefit, hi)), especially since the ICF-S5W draws about twice as much current (40 mA) as, for example, the Superadio. With this current consumption and its three C-cells, the ICF-S5W is not much of a match in the battery life area for the Superadio (and its six D-cells). Speaking of battery life, the ICF-S5W's manual reports an expected life of 50 hours (mine dropped to under 1.4 VDC per cell after about 25 hours).

One thing about the circuitry that really disturbs me is the mounting of the printed circuit boards. They are mounted etching side out with no access to the transformers. So, unless you can find a right-angle alignment tool, removal of one of the circuit boards is necessary if you intend to align the Sony.

##### FM PERFORMANCE

And finally, a few words about the FM section. Whereas Mark reported FM performance largely on par with the Superadio, my Sony performed very poorly in this mode. Sensitivity was well below that of the Superadio but more significant was the presence of my locals all over the dial. Local W0WW-107.3 MHz appeared on no less than 13 spots on the dial and WMEZ-94.1 MHz showed up on seven. Apparently my Sony's FM section needed some work, so I'm reserving judgment pending additional reviews.

##### CONCLUSIONS

Excellent sensitivity and selectivity in a classy, compact package make the ICF-S5W an attractive choice in the DX portable field. It consistently gave the best reception of distant domestic stations of any of the portables tested and provided creditable signals on the foreign splits. Its principal drawbacks included susceptibility to spurious responses of varying types, relatively short battery life, and inconvenient circuit board placement. Despite these shortcomings, however, the performance of the Sony ICF-S5W should appeal to a large number of DX'ers and the unique Zone Dial will make it a collector's item in the future.

73's---GT

"The Golden West DX Association, an international group of radio enthusiasts, especially in the MW & FM bands, will be holding its 3rd annual Oversized GTG (read Convention) 25-28 June in Chicago, IL. Major activities will include the world-famous "Sticker Smorgasbord", many station tours/raids, a big soccer game between the GWDXA & Chicago Area DXers (CADX) All-Stars, and of course a more-than-adequate selection of cold beer and warm soda pop. Details are available for a SASE to Mark Strickert, Convention Chairtable (heh), 2507 N. Kimball, Chicago IL 60647, or call (312) 227-3669. Everyone is invited!"



# THE SONY ICF-S5W STILL ANOTHER REVIEW

r. j. edmunds

## FOREWORD:

I had completed most of my tests, but not yet compiled the results when Mark Connelly's review hit DXN. Fearing that I'd have to start over again to avoid duplication, I read it, and made only slight modifications to my test format. I made a few basic assumptions: 1) I would not test the sets with an external antenna other than a loop, as only the Sony had provision for connexion, and as most use of portables, and certainly all of mine, is restricted to loop or internal antenna; 2) I did not go into great detail as to trying to work through my locals, because Mark hit that well, and because I don't have all that many, as you will see herein; and 3) I have deliberately meshed the discussions of sensitivity and selectivity into one, as in a no-instruments type of test, the two are inextricably inter-related.

Upon receipt of the Sony ICF-S5W for testing, I determined to pit it against my current reigning champion, the Hammarlund HR-10, which is most comparable; the "original" Radio Shack TRF (vintage 1970 or so); and against the Nordmende Galaxy Mesa 6000, which is in a higher bracket than the Sony. This was done to keep everything in perspective. The Sony, utilizing 3 "C" cells, is the lightest of the receivers tested, either with or without batteries. It is 2 lbs, 9 oz. with batteries vs. the Hammarlund's 4 lbs., 2 oz. It feels even lighter. The dimensions are similar, except in one important particular, that of width, (8.813" vs. 9.844"). The importance of that is in that this is the dimension which determines the length of the ferrite bar antenna for AM. The Hammarlund antenna is 7.094" and the Sony is 6.281". The Sony, however, has the ferrite antenna mounted on a slant, to allow for a longer bar than would otherwise fit. As we will see later on, this is a compromise which need not have been made.

The Sony features slide pot tuning, which may result in quicker control noise appearance than the other two smaller receivers, if the slide pots on the Nordmende are any indication. Also as a result of the smaller width, the Sony has a narrower dial width, with the resultant increase in "bunching", however this is not considered to be significant. Dial play was, as with the Hammarlund, non-existent. Both the TRF and the Nordmende (which is much larger, and tunes some 11 bands on one marker) exhibited some sloppiness in this regard. Audio quality on the Sony was judged similar to the Nordmende -- excellent fidelity for music listening, though somewhat bassy. To my ears, this is a distinct negative for DX'ing, as weak spoken audio tends to become muddy, and less readable with a bassy audio than with one which carries more treble. This characteristic was most obvious when tuning by TVI, as the "whistle" component of the buzz was barely audible, even with the tone pot in the "treble" position on the Sony, while all of the other receivers had both whistle and buzz.

In testing the rigs side-by-side, several tests were performed, and several were done without the TRF, which was already outclassed, as per my prior review of the HR-10 some 8+ years ago. In a test of interference rejection, the Sony was slightly less able than either the Hammarlund or Nordmende to cope with SCR dimmer noise at close proximity. A test with TVI yielded the same result, subject to the aforementioned tone characteristics. The Sony seemed to do even worse at greater distances from the noise sources, as well as at diagonals to the wiring carrying the noise.

In terms of relative signal strength, the Sony was superior to the Hammarlund and easily the equal of the Nordmende, especially at the lower end of the band. In terms of selectivity and sensitivity together, the Sony appeared to be almost as good as the Nordmende at first look, but a channel-by-channel survey proved otherwise. The so-called "capture ratio" on the Sony apparently makes the rig appear more sensitive and selective than it is, for in a test of channels with readable audio in the evening hours, the Sony came in third. With 107 possible channels, the Nordmende pulled audio on 102 (all but 720, 1120, 1200, 1040, & 780); the HR-10 pulled audio on 96 (all but the above plus 760, 640, 650, 670, 700, and 1160); while the Sony added 820 and 870 to the list to come in at 94. While this might seem to indicate a lack of selectivity, after running the rigs together, I am convinced that the sensitivity is somewhat masked by a strong capture effect similar to that resulting from switching in the AFC on FM. The sideband splatter normally common to portables, and

present to a small extent on the HR-10 was non-existent on the Sony, with a very sharp cutoff. This is apparently the result of the 4-pole ceramic filter on the Sony. It should also be noted here, that I did all tests with the Sony's sensitivity switch in the DX position for peak sensitivity. Lowering the sensitivity to locals also lowers the sensitivity to adjacent channel DX. All of the above tests were also completed with the internal antennae mulling the New York clears.

This area is the one which led me to enquire about the Sony's internal antenna, as the nulls were decidedly shallower than those of any of the rigs tested against. I can only conclude, after much re-positioning of the radio during testing, that the slanted mounting configuration for the antenna accounts for this inability to completely null out locals. Granted, greater sensitivity in the DX position would result in a greater amount of signal level to remove for a complete null, however the amount of signal remaining at null appears to be in excess of the apparent gain differential between the Sony and the Hammarlund or Nordmende at peak.

All of the receivers were then tested for operation within the f.e.l.d of a 4-foot altazimuth loop antenna for overload. Here, the Nordmende clearly showed its superiority over the three lesser-priced rigs, with no noticeable impairment of performance. The HR-10 exhibited an objectionable increase in "birdies", while the ICF-S5W exhibited more in the way of actual spurs. This may also be attributable to the tonal characteristics previously noted. In any event, the loop has too much gain for either of these two, or the TRF. A substantial reduction of the trim on the loop's gain pot was necessary to bring the overload within manageable proportions.

Working through tough locals is not one of the big problems at this QTH, in terms of daytime locals, as most of the offenders are the NYC clears, which have nothing there to go for in the daytime. The only locals which are at all troublesome by day are WMTR-1250 at 15 miles, 5kw, directional this way; WVNJ-620, at about the same distance, same power, and similarly directed by day; and WKER-1500 at 5 miles, 1000 watts, directional more or less away. WMTR caused the most problems on all radios, with only the Nordmende able to pick out anything on 1240 or 1260, even with a null in effect; WVNJ posed some problems with 630 reception, but 610 was audible on all sets (at only about 90 miles); and 1500 proved to be no problem at all, as semi-local (15 miles, 10kw tight DA away and weak here) WRAN was easily heard on all sets, and the usual daytime jumble on 1490 also audible. These results were just about what was expected.

FM operation came next, and I should note here that the Nordmende has no switchable AFC, while the Hammarlund and Sony both do. The Nordmende, nonetheless pulled audio on 62 of 99 channels, while the HR-10 pulled it on 60, and the ICF-S5W on 57, the latter two in the AFC-out position. This difference is just about consonant with the differences in tuning width on the respective dials. In terms of signal strength, fidelity, and crispness of signal, the Sony won hands-down. The only criticism I could find in its FM operation was that even with the AFC out, the set seemed to have a larger capture ratio than expected, which also may have accounted for its coming in 3rd in stations heard despite superior gain. The AFC operation was also much cleaner than that on the HR-10, which is subject to some bleed-through. The directional characteristics of the whip antenna were slightly less effective on the Sony than the Hammarlund or the Nordmende, but the net effect of this is not significant even for FM DX purposes.

FM overload is easily tested here, as is adjacent channel rejection, with the prime signal source coming from WFME-94.7, easily the biggest signal on the band here even at a good 15+ miles, the tower is essentially line of sight. Here again, the Sony came out on top, yielding audio on 94.3 where even my stereo tuner and rotatable yagi have trouble due to the stations being collinear from here.

Overall, I would rate the Sony ICF-S5W as an excellent receiver in its class and price range. It easily disposes of the TRF by comparison, and is roughly equivalent in most respects to the Hammarlund HR-10, which has been off the market for some time, and is therefore not to be considered. I am unaware of any competitively priced portable which can compare performance with it.

I would, however, like to stress that with a few changes, this could be THE DX machine for AM/FM users concerned with price and portability. In any future edition of this radio, I would strongly recommend the utilization of a straight ferrite rod antenna, parallel to the body of the receiver. I believe that this would aid nulling ability, image rejection, noise and interference rejection which I submit are not as well inhibited by present design. Secondly, I would suggest that while the ceramic filter's deep skirts are fine, the shape factor is a bit too flat, resulting in a more broad peak than would be optimum for DX use. Neither of these failings are likely to be user-correctible, but as it is, the ICF-S5W is still an excellent radio at a very reasonable price.

## MUSINGS

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

TWELVE MILES FROM WRAN-1510 THEY'RE LOST AT NIGHT

GERALD H. BARKOW - 29 Sedgefield Drive - Morris Plains, NJ - 07950 April 6, '81  
\*\*\*\*\* DX activity has slowed down here, but I did manage a few sessions twisting the dials with the following results: 3/11- WCTR-2530 surprisingly good signal after local WJDM pulled the plug 6-6:15pm s/off, report sent. 3/16- WKBK-1220 TEST made it thru the Canadian ANers w/a special thanks to a WGAR SP 12:05-12:31am. 3/17- WAHT-1510 briefly strong @ 6:15pm s/off u/ WITS & local WRAN right after they cut their power. WRAN's XR is about 12 miles to the W of my location & when they switch to their nighttime power and pattern their signal usually runs third to WITS & WLAC. On many nights WITS bombs in like a local completely buying WRAN. WRAN's major lobe is to the NW and when you drive about five miles to the E of their towers their signal is almost even in strength to WITS. By the way, WRAN only IDs using their call letters every half hour, as they ID as "New Jersey 15-10". 3/24- WCLN-1170 briefly at 6pm, then gone u/WVVA. 3/25, I took a 30 minute report on WLAN-1390 blasting in like their XR was in my backyard 5:45-6:15pm power out. This station is one of many that I never bothered to verify thru the years. 3/27- Strong opening to the MD & VA area with WVOB-1520 doing well for 250w 6-6:15pm s/off, then WEXM s/off heard a minute later. Veries in from WKBK, WLTC & WLAN, along w/CMS of their day & night patterns. Until next time, good DX.

HANK HAD A SLOW MARCH

HANK HOLBROOK - 7211 Chestnut Street - Chevy Chase, MD - 20015 April 6, '81  
\*\*\*\*\* We can cover March in a couple of lines as only five were added to the log. Following were sent reception reports & those underlined have already verified. On March 7th I was surprised to find WAHT-1510 PA almost in the clear w/no sign of WLAC! This was from 6:26 to 6:43am EST. On the 8th I added WBZQ-1550 N.C. from 6:14 to 6:30am with heavy CBE QRM. Unusual logging of WAMY Miss. coming in the clear on 1565 kc/s from 7:20 to 7:31am when their signal suddenly dropped out. Kind of interesting daylight reception as local WPGC was pounding in on the 1580 spot. WAMY sent a nice v/q which shows 1580 kc/s! I ended the month with two stations on DX TESTs, WRIB-1220 R.I. breaking through from time to time from 3:10 to 3:30am, well received w/CIDs. Stations almost have to use it to get through in this day & age. And on the 24th WJCM-960 Fla. from 2:45 to 3:30am noted mostly on TT but I did get bits of a couple of IDs. Fine letter & card back from Jim Kowalski. I had enclosed a copy of QSL letter from WJCM heard on f/c back on July 21st 1952 on 1340 kc/s. Jim says he was only a year old at the time which explains why he didn't sign that QSL, hi. Says that "At one time WJCM was on 1340 kHz and WSEB was on 960 kHz. Somehow the two owners got together and exchanged frequencies. Still today WSEB operates on 1340 and we're in their old spot, 960 kHz. (Wonders never cease). Veries (letters) to wander in since my March report: WPLW-1590 PA, WCRV-1580 NJ, WCCP-1560 SC (wants to do a DX TEST!), WQQW-1590 Conn. (four-page letter!) & WONA-1570 Miss. asking how Chevy Chase got its name (which I don't really know. I will have to trace same in local library, hi!) Also a card back from HJCY-810. QSL totals - all-band 11,163 and of these, 3,455 are on BCB in 101 countries. I hope to have something to report from time to time come the off season. 73. v/s enclosed.

GEIR'S GOING TO JAN MAYEN ISLAND

GEIR STOKKELAND - P. O. Box 160 - N-6390 Vestnes, Norway 4/5/81  
\*\*\*\*\* News from across the Atlantic: April 22nd I am leaving for Jan Mayen Island. I have accepted an offer to become radio operator at the island's meteorological weather station for a contracted period of one year. There will be planes only once every two months, so I hope there will be some fine CX-in between. I'll bring my new FRG-7700 RX & aeriels. On Feb. 22 I filed an application for CP of a private 10w AM 1w FM radio station with the Dept. of Church & Education, which handles such things in Norway. A negative reply has been received, but I will probably go ahead with a new application this Spring. DX as of late: Boyneside Radio-1305, Drogheda, Co. Louth, Ireland & La Voz Miño-1427, Orense, Spain. The latter IDa "Emisora Orense" & should really be on 1476 - quite a bit off frequency! In comment to my recent Euro-bandscan, NRK Stavenger & the lot should naturally be on 1314 kc/s. The new Irish on this channel is Sonic Independent Radio, out of Shkhill, a Dublin suburb. London pirate R. Jackie has moved to 1323. On 1413 you may note RTV Pristina, that lately has been dominant here. Only two BCB/FM veries as of late: H. Kristal-1327, Nyverdal - one of the rarer tiny Dutch hobby pirates. This one verified with full OP/home address, & claimed to have 250w. The other verie is from NRK, for the Kristiansand regional service, via Lyngdal-97.6 FM - fine postcard within three days from mailed report. All for now - I hope to Muse from Jan Mayen later in the Spring! 73.

KONSTANTINE RYCHALSKY - Box 87 - Beacon Falls, CT - 06403  
\*\*\*\*\* XII. 3/20 marked 11 years of DXing for me and anyone can notice by my total veries that I'm not one for expensive receivers or antennas, or rushing to "bag" a catch nor do I live, eat or sleep DX. Instead I treat this hobby as exactly that - a hobby. I really don't understand the muss & fuss about giving ANers & NSPers "bad" names or crucifying a member for his comments. I would assume this Club isn't just for the exact & expert; otherwise the newcomer & inexperienced have no place. As far as down-grading stations we should all face the realities of this hobby and concentrate on a healthy future. One thing for sure, I'm not going to lose sleep over a format change. Instead of grinding my teeth, I'm writing a letter to the President, my Congressman and a few conservation groups concerning a push to get all stations to go silent for a few hours in an effort to conserve energy. This is my view, not as a DXer but a concerned citizen. I've learned DXers "need" radio stations but not visa-versa. A recent v/l from WCAW-680 was received - one of triplicate copies. CE mentioned "This letter is being done in triplicate due to my limited amount of time", also, "I might urge for those of you that don't send a stamp with your note that they won't be answered in the future, the front office does not consider this worth putting \$\$ into. A lot of stations are like that." And so it is. 73's.

THE EARLY BIRD GETS THE WORM - AND THE DX!

SIDNEY E. MARSHALL - 7224 Pam Drive - Millington, TN - 38053 April 12, 1981  
\*\*\*\*\* I arrived home yesterday from a five day road trip, & as I'll be leaving out again in a couple of days I figured I had better get a Muse in while I have the chance! Having received correspondence and a phone call from new member NEAL A. PERDUE, I was real pleased to see a Muse from him in the April 6th DX NEWS. Looks like we have an active member from the tone of his Muse! Now to DX since my last Muse, which brings my station total to 914 heard. Newies as follows: On 3/27 @ 7:12pm KCTT-1530, Ark., was in u/WCKY, with comments about local events, ID, & WX. A few minutes later at 7:30pm, KNBO-1530 TX, came in very clear with full s/off announcement heard. This is the first good SSS opening in this direction that I've had in a couple of weeks! Then on 3/28 @ 6:37am WCCP-1560, S.C., boomed in w/SSB & s/on announcement heard before covered by WPAD. I called the station and they told me the late s/on was due to problems. Same morning @ 8:19 KN00-1510, TX, very good signal, with spot for Buick dealer in nearby Tyler and into WX before covered by WLAC. I've received a very nice v/l and CM/rate card from them! More SRS DXing on morning of 3/29 reaped me WGKA-1190, GA, at 6:53am w/cl mx, TC, ID, & back to mx. A few minutes later at 6:58am WBDY-1190, VA, was in strong with spot for TNT food store, several mentions of Bluefield, and top-of-hour ID heard. On 3/30 at 7:06am WENN-1320 Ala., in very strong w/mx, TC, ID, comment about morning wake-up show, & WX. On 4/1 @ 7:45pm KLFJ-1550, MO, popped in o/ WOKJ, with enough of s/off heard for a positive on this one! On 4/2 @ 7:44pm KPCR-1530, MO, was in u/WCKY, w/mx, closing comment by F announcer, & s/off heard. Then on evening of 4/4 much wanted WSLV-1110, TN, was heard at 8:32pm with severe WX bulletins and comment about being on air past regular s/off time due to severe weather conditions in the area. On 4/6 @ 6:13am WLBB-1100 GA, was in very good for several minutes with mx, TC, ID, more mx, & spot for Robbin fashion store. No sign of WWWE this morning! That's it for now so till next time, good DXing to all!

"MUSIC OF YOUR LIFE" IS RIFE!

MICHAEL COLLINS - 178 Sylvan Knoll Road - Stamford, CT - 06902  
\*\*\*\*\* Cuba is so strong on 600 some nights around here that it overpowers WICC's very strong signal (WICC would have an excellent night signal were it not for Cuba). And someone at WICC (where I used to work) told me recently a listener in Stamford wrote in inquiring about WICC's broadcast of R. Moscow programming. The rumor mill says WRKO's management is thinking of returning to all NX & talk. WRKO used to have a format similar to that of WOR until 1967, when its call letters were WNAC. It had 15 minutes of news hourly. It also was the flagship of the old Yankee News Network which had about 30 affiliates in New England. The Yankee Network newscasts (ten minutes) had a strange schedule of 7, 8, 9, & 11am, & 1, 3, 6, 7, 9, & 11pm. The Yankee WX-man (five minutes) was at 7:30am. The Yankee Network, which was profitable when it closed down, was folded when WRKO dropped into ~~mx~~ and talk & went rock. WRKO's ratings have been slipping, & this is the reason for the possible switch to talk. One format which has really taken off for ratings is the MYL format of standard MoR & BED sounds. In Boston, I understand daytimer WYKS-1430 ranked #11 overall, beating 50kw WRKO which came in #12. In Springfield, MA, WMAZ-1450 beat WEYN-560. In New Haven, WAVZ jumped from a 1.6 share, at #16 or so, to an 8 share at #4. In Waterbury, CT, WQQW jumped from a .3 share at #21 or so to a 5.6, #5 overall, in one year. On Long Island, WHLL went from a ranking of about #25 overall in Nassau/Suffolk to #6 last time around. I have not seen a market where MYL has failed, tho I'm not familiar with every single market where it's been tried. There is talk that NBC, which back in the 70's divested itself of its 1100 & 105.7 stations in Cleveland and its 1320 & 99.7 stations in Pittsburgh, is considering buying WBZ-FM-106.7 Boston from Westing-

(Mike Collins, con'd.) house. I must say that even tho with the job I haven't been Musing regularly, I thoroughly enjoy each & every issue of DX NEWS, the Musings, the DDXD & IDXB sections, the section on station changes, and the Mothball Memories. The one on WJAR-FM was interesting. In NYC, WMCA gave up on FM in the 1950s, & sold its FM for just \$7,500 (little more than the price of an automobile) to WHOM (now WJIT) 1480, & that station, WKTU, formerly WMCA-FM, went on to become #1 in NYC & the most listened-to station in America with its "Disco 92" format. When I was in Bermuda in the late 70's I brought along a Panasonic 1170. With no outside serials, just listening on the radio, here is a daytime bandscan of reception in Bermuda. WMCA-570 fair, WKAQ-580 poor, CMW-590 Havana poor, WVNJ Newark NJ fair-poor, WNBC-660 fair, WOR-710 fair to fairly good, WABC-770 fair-poor, WCBS-880 fair-poor, ZFB-960 local, WINS-1010 fair-poor, WEN-1050 poor, WELI-1100 Hempstead LI very weak, WZAM-1110 Norfolk very weak, ZBM-1 local on 1235 & ZBM-2 local on 1340. This was with no special serials or anything, just a fairly good radio. I thought I'd repeat it now. 73s.

#### NO "YAD" THIS YEAR

JERRY STARR - WSRD Radio - Youngstown, OH - 44505  
 \*\*\*\*\* 4/13 was the first time in a while I've had time to spend time at the RX. It turned out to be the strangest AU CX I've ever noticed, with many unusual exceptions to "traditional" Auroral receptions. Stations would pop in very loud for a few minutes, then another would take over so quickly it was like turning the tuner. Unfortunately, few stayed in long enough for an ID. Did anyone else notice this? WHEL-1240 noted loud @ 1:15 w/MYL, then quickly gone. At 2:15 WETT-1260 was on top w/"Radio Hit" IDs, all in SS until 2:43 when suddenly it was bombed by an excellent XEL "R. Capitol" in Mexico City w/EE pop hits & SS announcements, my first Mexican on a regional frequency in years and the loudest ever. 3:06 WNDE came up quickly w/Sportstalk, giving way at 3:18 to WCHV. Second RX on 1240 at the same time produced WKDA w/local spot, then also in Sportstalk net, while mystery TTer here failed to ID, tho on until past 4:30. These weird CX seemed to be frequency selective. The entire top end of the band was almost dead, semi-local WAKR-1590 was almost inaudible. WCKY-1530 was nearly gone while WSAI-1360 was unusually loud with its new country format. WBZ-1030 was gone as expected but WLS-890 (also gone in Auroras) was very loud. WCBS-880 was very weak w/several SSers while WOR & WNBC (which shares WCBS's tower) were in very well. Usually loud WWL-870 was very weak (an unusual thing for an AU morning) while usually weak WNOE-1060 was excellent. The strangest thing was the presence of several loud Canadians while others were wiped out as is usually the case for ALL Canadians during Aurora. CKOC-1150 & CJBK-1290 were loud all morning while such powerhouses as CHPL-900 & CKLX-1570 were non-existent. 1230 was amazing with loud local-like signals from many stations, each taking its turn for 20 or 30 seconds, then disappearing almost as quickly as a carrier cut, making way for another, 20 seconds of Queen, then 30 seconds of tele-talk, then 20 seconds of Tony Bennett, etc., each loud & alone, then gone...VERY strange. Very few stations could be nulled with the loop. WBPV-1230 appears to be ANING on MM now, they were in & out several times. At 4:38 WSAI had disappeared from 1360, replaced by an unID SSer that seemed slightly off frequency, causing a low het. By 4:50 this was gone. Otherness: Recent v/l's from WSAJ, WJAM. FM DXers are alerted that WSRD's new XR is now on the air & we're interested in knowing who can hear us on 101.1. We will, of course, verify all correct reports. We are NSP w/prog-rdck programming. To answer numerous letters, there will not be a YAD this year due to the close proximity of the Convention & because of a heavy work sked here this Spring due mostly to the fact our local racing season began early this year. Several questions on recent AM Switch info: WSSL, Centerville, MS listed on 1580 was previously listed on 1500. WKMM-1140 Kentwood, MI was previously given as WKMM, which is correct? WANC was listed as a call granted to new station in Aberdeen NC on 1350 but I can't find any prior listing of this station being granted, anybody know about it? And finally to MICHAEL JEZIORSKI, the KARA-1310 logo in a recent DDXD was circa 1962, they have been off the air for 17 years. 73 & good DX.

#### TELEVISION'S CHANNEL ONE - by PETER E. HUNN

During TV's first commercial days, every self-respecting TV dial selector contained a complete complement of 13 numbers. This would all change, however, right after WW II, when the FCC re-assigned the channel one spectrum space from TV to land-mobile and two way radio use. Station WNET, NYC television outlet (originally W2XBS) occupied the Ch. 1 position. WNET was given some transition time so it could move up the band to Ch. 4. Perhaps the FCC felt it would be easier to simply eliminate Ch. 1 & begin with Channel Two, than to have all existing stations "move down" one notch. Such a "move-down" would certainly cause adjacent channel interference. So, as a result of the "channel change-over", poor little Channel One just disappeared. If you ever get the chance to acquire a TV receiver that has a channel one, grab it! You'll have yourself a set with a most interesting dial.

\*TSA LONG WAY TO GO, BUT THE NEXT MUSINGS DEADLINE WILL BE SATURDAY, MAY 23rd, AS THE USUAL DEADLINE IS ADVANCED AS MAY 25 is a NATIONAL HOLIDAY AND THERE WILL BE NO MAIL DELIVERIES ON THAT DAY. LET'S HEAR FROM YOU - PLEASE DOUBLE SPACE!

NEAL PERDUE - Route 1 - Box 154 - Falkville, AL - 35622  
 \*\*\*\*\* The open friendliness of NRC members towards new members (mainly me) continues to amaze me. NRC is a great Club, & I expect to be around for a while. I lengthened the 300' low beverage at 300° bearing, to 500' today and will add more later. Two absolute rules of longwire antenna erection are (1) if there are any briars within five miles, they will be exactly where you need it to get to, and (2) if there is anything in the area where the wire can snag, it will! My hands are a mess of bleeding sores from this latest "adventure". Well, it's not the first time, & I don't suppose it will be the last. Almost 100 domestic logs in the book after just one month in the hobby, and there are no superpower stations nor ultra-locals in there. Of real pleasure to me are a couple logs of KFFA-1360 Helena, AR about 8pm, & a good GY last night at 1:50am, WTSA-1450 Vermont. I checked very carefully for any possibilities of phonetic similarities, & I'm satisfied that it had to be that one. My first VT, of course. If anyone missed it, I'm now the QSL manager for our local 250W daytimer, WHRT-860, Hartselle, AL. For best results, use my home address - with an SASE, please. I wonder when someone will come out with a really GOOD BCB portable RX for under \$100. One with frequency readout to about 1 MHz, selectivity in two steps - 5 kHz at -6 db and 10 kHz at -60 db, & a narrow mode of about 3 kHz, also with a 2:1 shape factor. It just can't be that big a problem for a one-band RX, can it??? SIDNEY MARSHALL in TN recently asked me my opinion of my RF-2900 as an SW/BCB DX machine. In two words - forget it. It's OK on BCB, but it is unequalled for images (from 4 MHz up the dial, twice the 2 MHz I.F.) compared to any other RX in its price range that I know of. I sure would like to log some WCNA stations, sigh. I can't even log KNX for WAPI. All for now. CUL. 73.

#### LOGS A PENNSYLVANIA GRAVEYARD IN KANSAS

CARL W. LABELSTEIN - 8209 West 78th Street - Overland Park, KS - 66204  
 \*\*\*\*\* As the static crashes become more noticeable, it appears as though this DX season is about to come to an end. A little DX has come my way since last Muse. The WFRM-1450 TEST was heard on 3/2. On 3/4, the r/c from KSNY-1450 Snyder, TX was heard as per the list. On 3/6 WRBN-1600 Warner Robins, GA heard ending a f/c @ 1:43. KTLO-1240 Mountain Home, AR noted running AN on 3/10 w/c/w. On 3/23 both TESTs were heard, but WJCM was much more difficult due to splatter from local KMBZ-980. Latest veries have been v/l's from KRFP-1080, KGFL-1110, KSNY-1450, KMND-1510, WRBN-1600 & WJCK-960. PP/c from WLBB-1100. V/f from WFRM-1450 and WJAM-1310 with a v/r from WNTS-1590. Total veries are now 2,087. I was in Ottawa last week to testify before the National Energy Board. While there I had a chance to visit CKOY-1310. They were interested to meet someone who had heard their signal from so far away. Yesterday I ran into former NRCer John Draus of Omaha who happened to be working in one of the booths at the Kansas City hamfest. I mentioned that former NRCer Jim Lee also originally from Omaha has retired from the Army and is working for an electronics firm in New Jersey. I had a call from another former NRCer Bruce Reynolds today who is still planning to return to Thailand shortly, but has been having visa problems. Not too much else here, so 73's & good DX.

#### HE'S TIRING OF THE MYL FORMAT

HARRISON PIERCE REED III - 54 1/2 Milton Avenue - Amsterdam, NY - 12010  
 \*\*\*\*\* How's the DX thing, guys & ladies? I've been pretty inactive at the dials these past couple, I confess, trying to get my business going, & all. No time for favourite things! In the overdue credits department: Many thanks to PAUL MOUNT for his kind words (48-22, P.25) about my handwriting, for which my great grandmother, not I, deserves all the credit. And thanks to all of you who have written. To those to whom I still owe apologies, many apologies. I will get back to you before this hits the pages of DX NEWS. As to my "philosophy" Muse (48-21, Pp.13-14), I have received some favourable feedback...and basically I still agree with what I stated in that Muse. However, the member to whom I was originally responding had apologized by the time my Muse (and others like it) appeared (48-19, P. 34). And he has not renewed his membership. He is an experienced DXer, & will be sorely missed if this embarrassing incident keeps him from our midst. I feel bad about that. MYL: I live near WMYL, WUHN, WQQW, WRMV & WFBL, among others. I am almost 35, & when I first heard MYL, I loved it. The period between "Big Bands" & rock-n-roll had been sorely neglected, & my first pop records were by Rosemary Clooney, Les Paul & Mary Ford, Perry Como, & others. So I can appreciate the kind words for MYL by JIM ROLLINS. But I tired of MYL quickly; it is a package that is automated & a concept so tight, once adopted by a station, that each MYL station sounds like a "clone" of every other, with identical personalities. There seems to be no room for individuality here! Even the same promos & canned enthusiasm! But even worse, the playlist is extremely limited & repetitive, & many recordings are the later "hi-fi" remakes of the '60s, made at a more "tired" part of the artists' careers. I prefer the originals, even if the audio quality suffers a bit. I want the old Decca & Vocalion Andrews Sisters recordings, not the Dot label re-makes. I like the music of 1940-60, but I hope we see a more inspired approach than MYL! 73s.

WILL YOU HAVE A MUSING IN THE NEXT ISSUE? SEVEN HUNDRED PLUS MEMBERS HOPE SO!

WELCOME BACK, COUNSELOR!

STEVEN M. KAMP - Box 1287 - New Haven, CT - 06505  
 \*\*\*\*\* Hi all. I just rejoined the NRC after a ten-year absence. I am presently in my last semester at Yale Law School here in New Haven. After graduation on May 24, I will go to my old home in San Jose, CA, where I will study for, take, and hopefully pass the California Bar Exam given on July 28-30. After that I will head down to South Florida, and in September will begin working at the Miami law firm of Paul & Thomson, concentrating on that firm's heavy news media/First Amendment litigation practice (big client is the Miami Herald). I will be coming into Miami from the Hollywood/Fort Lauderdale area where RON SCHATZ lives. In October I will take the Florida Bar Exam. I decided to re-join NRC after a March 14-21 vacation trip to Miami, where a casual tuning of the MW dial on my Sony ICF5900W portable revealed an incredible number of LA MW stations which were reported to CHUCK HUTTON, in time for the April 20 IDXD. I have been DXing SW/MW (and occasionally TV/FM) since 1967, beginning in Houston & Dallas, TX, in 1967-1970, then in San Jose, CA beginning in 1970. Receiver used was a Hammarlund HQ-140X. Best MW QSLs in San Jose were CKBC-1360 Bathurst, NB & BBC-1214. Interest lagged in 1974-78 while I was attending the U. of California, Los Angeles. I sold the HQ-140X in 1977 when I realized the Sony ICF5900W was equally effective and much more portable, hi. While in New Haven, between 9/80 & 5/81 I have heard many LA MW stations, which were reported to the "Broadcast Band DX" section in the CIDXC Messenger. Best MW catches here are 4VRD-1080, YVRQ-910 & ZIZ-555. I recently purchased a Sony ICF2001. While it performs impressively on SW, its MW performance is not as good as that of the ICF5900W. It is unfortunate that many manufacturers of the new generation of all-solid-state RXes regard MW reception as confined to local stations.

THE WORD FROM SPLATTERVILLE

BILL TOWNSHEND - 4500 Connecticut Avenue NW #901 - Washington, DC - 20008 4/14  
 \*\*\*\*\* Greetings once again from the Land of the 202-966-8046  
 Bullets BKB team, Capitals hockey team, Redskins & Colts FB teams, & the Orioles BB team, and of such NSP pests as WCAO-600, WMAL-630, WWBC-1260, WEEL-1310 & WOL-1450. The T-40 stations such as I mentioned a couple of Musings back aren't the only ones which splash adjacent channels. Surprisingly the Gospel-Soul WUSY-1120 & WYCB-1340 & even WMAL-630 get in on the act. WUST's splatter rivals that of WWDC & WPGC, especially if I'm DXing midday around 1100-1140 kHz trying to hear WZAN-1110 Norfolk or WWWE-1100 Cleveland (I heard both stations once each at high noon) or semi-local WNEW-1130 in the Big Apple. The only way I can hear KNOX-1120 in midday is to null out WUST with dynamite under the XR, hi. WWDC does have a talk show on MMs 12:00-1:10, so the station behaves itself then, making DXing on 1250 & 1270 possible, especially on the DX-160. However WTAE dominates on 1250 & WXYZ rules 1270 but those stations go dark 2-5am MMs, allowing DXing around 1260 if WWDC can be nulled. AU CX were very pronounced on the evening of 3/7 and to a lesser extent on 4/4 & there were reports of visual sightings of Aurora as far S as TX & GA on the evening of 4/12 (The Space Shuttle "Columbia" had nothing to do with it, hi). The 4/4 AU CX lifted in a hurry around 10:30pm. At 10, WGY-810, WHAS-840, CJBC-860, WCBS-880, WLS-890 & CHML-900 were Aurora-ed out or had very weak signals. Then around 10:30 as if by magic their signals resumed their normal strength. The Japanese Cherry trees (Yoshino) came out in full bloom around that time with several days in the 80's with 86° on 4/3 ("Fry-Day", hi). There were several T-storms over the last weekend, playing havoc with SSS DXing. Another double rainbow was seen on April Fool's Day after a T-storm. Quite a few stations that were T-40 have gone "hillbilly" (that word might start a fight, hi, that's a fighting word in Redneck country, especially in a barroom on Saturday night). Among them is KHJ-930 in L.A. & several others I can't remember offhand. Such music (country) is another type of folk mx, just as mx by Joan Baez, P P & M, & Bob Dylan. The first true "hillbilly" song was "The Prisoner's Song" of 1920s vintage. One hillbilly song my late dad hated with a bitter passion was Al Dexter's "Pistol Packin' Mama" of WW-II vintage. Enough for now, CUN35. LXXIII.

ON LOGGING THE BBC IN NORTH AMERICA

WILLIAM R. HALE - Box 4617 - 48 AMS - APO - NY - 09179 April 9, 1981  
 \*\*\*\*\* After reading through #23's 16 pages of Musings, I felt compelled to join the multitude. I had planned to have something written up for publication and sent off to HQ by now, but other things just seemed to come first. What I am planning is a small report on the broadcasting situation here in England. I have seen a number of reports in IDXD with reports of UK loggings so I thought I may be able to help out those people & others who try for TA's. The BBC's "Radio 1" on 1053 & 1089 kHz and "Radio 2" on 693 & 909 kHz with 50,000W plus several transmitting sites seem to be the best bets to make the trip. "Radio 3" also has 50,000W on 1187, so that is another possibility. Radio 2 is a 24-hour operation, whereas Radios 1 & 3 are only on 18 or 19 hours a day. And since they close down (s/oft) at around midnight here, that leaves Radio 2 your best of the best bets. All of the independent broadcast authority (IBA) outlets operate with from 200w to 27.5kw, so they are highly unlikely to be heard in N.A. However, I'm sure you'd agree, stranger things have happened. According to a package of information just received from IBA in London, there are a few employing directional antennas. But from similar data received from

(Bill Hale, con'd.) BBC, none of their outlets, national or local, use DA's. I almost forgot BBC World Service on 648 kHz, which puts out 150kw from Daventry (about 50 miles E of here). So, there's another possibility. I hope to have a detailed report in to HQ before the Fall season. Many thanks for recent letters and other goodies from GARY ATKINS, ROD O'CONNOR, ERIC LOY & JOHN CLEMMER. Attention, SKIP AREY, concerning BB nets... from an article in my hometown paper which my dad sends to me (Janessville, WI. Gazette), WCLD-1230 is NOT carrying the Milwaukee Brewers this year because the Brewers wanted better coverage in Southern Wisconsin. So, their FM station WJVL-99.9 is picking up the Brewers. The coverage that WTMJ produced in SE Wisconsin was lost due to WISN's highly directional pattern to the N of Milwaukee. WJVL covers a couple of SE Wisconsin counties that WCLD does not, especially at night. Also for you TV DXers, WFTV-18 is now the Brewer outlet in Sudsville. 73 from me to thee.

WPCN-960, MOUNT POCONO, IS ON

HARRY HAYES - 9 Henry Street - Wilkes-Barre, PA - 18702 EST  
 \*\*\*\*\* Some unusual DX was experienced here on 4/12. AU CX were prevalent in the wee hours. I first noted WOAI-1200 and an unusually strong level at 12:06am. At 12:18 I knew an Aurora was in progress when I heard WTTT-1270 FL doing it all alone on the channel. Then, strangely, WGBF-1280 Evansville IN alone w/WADO @ 12:20. At 12:39 WLAQ-1410 Rome GA strong w/c/w. 1:40, WLCY-1380 FL w/T-40, rather weak. 1:40, WFEA-1370 NH alone on channel. 1:46, WBSH-1420 MA alone & weak w/jazz program. 1:47, WFTQ-1440 MA. 1:53, WNDE-1260 IN local-like & alone until a WBAX-1240 TT killed them. 2:18 WKIX-850 NC w/c/w mx and alone. 2:33 WORD-910 Spartanburg SC, woman announcer, LDs, T-40, weak and alone, new one. 3:30, WBAX-1240 off all morning so I noted two Larry King stations in. I got an ID @ 3:30 in the form of "WDUN Gainesville". I had to log in my log for this one and discovered that it was in Georgia, a new one & welcome. Down to 1230, & I logged WSOK-1230 Savannah GA w/strong signal & soul mx, this one needed also. I might add that I am not sure if WDUN-1240 was one of the Larry King stations as the ID came through at least one other station. At 6:50pm WMTS-810 TN very strong thru nulled WGY. 6:53, WQXI-790 Atlanta fair w/ads. 8:14 VOA-1580 noted very strong but with fadecy w/no CEJ noted, also noted the eve of 4/16, the next time I had the RX on. Where is this & when did they come on? A check back on 4/12 at 11:30pm to find the whole AM band completely dead except for a few Cubans & Cayman-1555. I checked the FM band and found several skippers in, one strong one on 107.9, but no IDs. The FM band went out before midnight but the AM band was still dead at midnight. I was to learn later the next day that there was a huge visual Aurora across the entire U.S. that night. Unfortunately we had rain that night. WPCN-960 Mt. Pocono PA was noted here for the first time on 4/17, "here" being Gouldsboro and not Wilkes-Barre as I'm spending the holiday at my Pocono location. The station is about nine air miles from here but it's quite weak. I can easily get a null on them and pull WHXL-960 through though it's over 100 miles away. Also the TVI tears them apart on 960. They ID as "WPCN, Pocono 96". This could qualify as my closest AM, but certainly not the strongest. I would imagine they have to protect WTLK-980, ten miles to the WNW. This one should be a real challenge to you guys out West. Also a correction for the BB team columns appearing in both DX NEWS & DX Monitor as well. Phillies BB is not being carried on WBRE-1340 but rather WARM-590 Scranton. WBRE-1340 does not exist for that matter, this facility is now WKRZ. WKRZ-1340 I thought was supposed to carry the Mets' games but so far no games have been heard. NY Yankees are carried locally on WBAX-1240. The last I heard about that 820 station for Penn State in State College is they were considering only 50w at night, not exactly statewide coverage. Lastly I will not I am planning on attending the NRC Convention as well as the WTPDA. Also an invitation to anyone traveling I-81 or vacation this Summer to look me up and stop by. Phone is 717-823-6628. 73 for now.

THE 4/13 AURORA WAS VISIBLE IN KENTUCKY

LYNN GILLIS - Box 105 - Bloomfield, KY 502-252-5069  
 \*\*\*\*\* Hello all. It's been a long time since I mused, due to numerous time obligations. But, here I am again. I'll give a short re-intro to all the new members. I'm 15, a sophomore at Nelson Co. High, and just coming off a loss of the "DX Bug". But I've caught it again, as evidenced by my recent DX as follows: 3/21, I caught Country #14 in the Honduras, in on 944 @ 10:58pm ELT. Later on, about 11:15, I got KQV-1410 for a newie. On 3/24, good Western CX yielded 1580's KPJK-CO @ 7:52pm, & KZIA-NM for a new state @ 8:15pm s/off. On 4/3-KOKA-1550 LA here w/pattern switch @ 7:45pm. A strong SS on 1540 looped SW - whoozit? And at 8:00-8:45, VOA-1580 was noted for another new one. On 4/13, there were visible solar flares at night, & of course a great Aurora commenced. Anything over 150 miles N of here was zonked. I got three new R. Reloj-Cubans - 920, 930, 940. 940 was station #500 for me. All this happened from 8:43 to 8:46 PM. At 9:30, WSMG-1450 climbed over the greatly diminished GY muck. On 4/14, more AU CX. WBIG-1470 here w/ID @ 8:28pm, & the Colombians on 1020 & 1040 were noted. On other scenes, HARRY ADELMANN's magnet experiment sounds like a good mod. Sure beats trying to hook up an LW to it (the TRF). I had a Redsvue (magazine of the Cincinnati Reds) which had their radio net in it, but I can't find it - if any others around REDS country have it, send it to SKIP AREY, if he hasn't already gotten a copy. If I turn up mine, I'll send it to him. That's all!

DAVE HAD SOME GOOD AURORAL DX TOO

DAVE FOX - 333 Douglass Street - Reading, PA - 19601 4/17/81  
 \*\*\*\*\* Mid-April found a little time to do some DXing and several interesting catches were heard. On SM 4/12 during local WHUM's SP, WENK-1240 was logged for the first time with AT-40 Countdown and spots for Union City businesses from 2-3am. Signal faded in & out through two UNID stations w/Larry King. At 5:30am on 4/12 the s/on of WAYE-860 was heard well with reference to station as "Big Band 86" - no SSB there. On MM 4/13 through a rather high static level Florida stations were on top of a number of frequencies. Unn WEAT-850 was heard well. WPIP-980 with pop mx was heard w/a long string of local spots @ 1:13 & 1:34am. WIRK-1290 poked through WWSA & CJBK w/a bumper sticker promo @ 2:14am. On 14:10, WMYR was heard w/a promo at 1:39am: "When WMYR calls, don't say hello, answer WMYR is everywhere!" 1470 found WRBD with black programming and an Otis Redding record offer at 2:20. Only other item of interest on MM 4/13 was an ET from WFMD-930 w/a promo for Oriole BB at 2:50am. So CKFH is now CJCL with an apparent oldies format. WCAU's new talk format is no improvement. I've had to find a new morning radio station. Does anyone know where the VOA's 1580 XR is located? They describe themselves as the "New medium wave sound in the Eastern Caribbean." Sked seems to be from 7-11pm EST. VOA-1580 was really booming in on the eve of April 16. CX must have been excellent around 7pm as ZNS1-1540 was also booming in with spots for Easter Technicians and the Bank of Commerce. On April 17th the f/c of WFTR-1450 was heard at 1:10am with TTs & VID. Weak s/off also was noted from WKEW-1400 (ex-WGEG) at 1:00am, no SSB noted. The verie situation has been very slow here with the last ones received from WJCM-960-TEST, WKBK-1220-TEST, WPEX-1490 (ex-WWDE), WITS-1510, WFRA-1450-TEST & WGIR-610. Totals are now at 1,401 heard and 960 verified. Maybe 1981 will be the year for verie #1,000. Good DX to all!

THE RADIO SCENE IN INDIANAPOLIS

TONY FITZHERBERT - 116 Devon Road - Chalfont, PA - 18914 4/17/81  
 \*\*\*\*\* Hi. A quick business trip to Indianapolis gave me a chance to sample Indy DX! Here we go! Start at WATI-810, 250w, w/EZL (sort of the WPAT of Indianapolis) - hits the ARB's, too. Need inspiration? WXLW-950 is "The Christian Voice of Mid-America", with CBS mixed in. WIBC-1070, MoR, with teams of morning men. ant BBD/NOS? Try WFBM-1110, a nice-sounding station; the WNEW/WPEN of Indianapolis. WNDE-1260 & WIFE-1310 are the local T-40 outlets, each with AM teams. Then WIRE-1430, for CWK. The rest of the dial is given to the Lord - WBRI-1500 with REL/GOS, and WNTS-1590, "The Sound of Light" with 24-hour GOS. Veries are rolling in now - from WBCW, nice letter from WARD WCSC, WWSA, friendly note from WASR, and from WPLW. Other veries from WTTT, CRUK, WWVA, WRSC, WDLN, nice letter inviting DX reports from WRKW, WTLB, WHLD, WXKS, who wants sustained reception reports for a week or more, WRYM, WYRD, and WLS, whose CE wrote me after reading my Musing, inviting another report - seems my other reports never got as far as his office. Very nice of him to do so. Best catches of the season are WABK-1280 at local strength at 5:23-5:30am 4/10 & WNVN-1380 at 6:08am today. Other DX to DAVE SCHEMIDT's column. WADR-1480 returned my report with no comment - like CIHI did to JOHN KOSINSKI some time back w/a PP/c - we never resolved it - is this a verie? Me says no! But what does the membership say? Sorry to hear thru DAVE YOCIS' Muse and from a buddy in Jackson, MI that WJJD-1510 is kaput - I greatly enjoyed visiting them and their little studio on the first floor of an old house in downtown Jackson, in November. They were all nice people - real nice, friendly, people, and the CWK was good. I hope they all found other jobs. The studio is for sale, I'm told. I wish I had the money to buy it, move to Jackson (neat place!), apply for 1160 kHz, 50kw day, 250w at night & do the "Music You Love - News You Need" bit, hit

THERE'S A BIG GTG A-COMIN' IN JUNE!

MARK STRICKERT - 2507 North Kimball - Chicago, IL - 60647 8104.17  
 \*\*\*\*\* First, the old news: I had a mildly pleasant trip to Akron & Pittsburgh late last month, including visits to several Cleveland FM's, WSLR-1350, WCUE-1150 (which had just turned "MYL"), WWSW AM & FM, & WKXK-FM. Also I found GEORGE GREENE home - on a Saturday yet! (He musta been outa gas, Mark! -ERC) Also spotted in the vicinity were DAVE ARBOGAST, DOUG KISKE & DAVE GRIM 93-D, hi). In lieu of YAD, GWDXA's big GTG (Chicago, 25-28 June) promises to be the Midwest's biggest (and only) gathering of DXer-types, & there's already a good number who've expressed their plans to attend - don't miss out! "WRNO World Wide", the first U.S. commercial SW venture, should be on by 11/81, with this sked: 1:30-4pm on 15175 kHz; 4-6pm, 11890 kHz (the Big 11-89, hi); 6-9pm, 11965 kHz; 9pm-2am, 6155 kHz. WRNO will be operated by WRNO-FM New Orleans, w/a similar rock format; power 100kw, beamed at Europe, Candad, & SA, tho oddly enough the primary coverage area will include much of the Eastern U.S.! It's illegal for any U.S. SW station (even VOA!) to direct programs at the U.S., but there are ways around that, hi. Thanks, RAYMOND NEMEC, for HQPC info, and DAN JAKOBOWSKI, did you ever get my letter from last July? 73s & good DX de Ma'ns.

THE NEXT MUSINGS DEADLINE WILL BE SATURDAY, MAY 23rd, in PROVINCETOWN. ANYBODY HAVE ANY NOSTALGIC MEMORIES YOU'D LIKE TO MUSE ABOUT? SUMMER'S THE TIME TO DO SO! AND REMEMBER TOO, THERE'S NO LAW AGAINST DXING IN THE VACATION SEASON!

CHARLES, BACK FROM THE HOSPITAL, COMPLETES BAND-SCAN

CHARLES REH - 34 Garrison Avenue - Leamington, ON - N8H 2P2 4/18/81  
 \*\*\*\*\* I know that you've all been waiting anxiously for Part 2 of the Leamington bandscan, so here goes: 1060-WQIO; 1070-CHOK (for some reason they are causing a loud hiss from 1050 to 1090 even during periods of dead air); 1080-WOAP/second one here is probably WMVR; 1090-WCAR/CKWK; 1100-WWWE; 1110-CKJD; 1120-WWOL (when WCXI takes a breath); 1130-WCXI; 1140-WCLW; 1150-WCUE/WIMA/CKOC; 1160-WJJD; 1170-WWVA; 1180-WHAM; 1190-WONO/CJMR; 1210-WKNX/WAVI; 1220-WGAR/WERT; 1230-WGWA/WMPG; 1240-CJCS/WJIM/WBBW (I'm not sure about WBBW. Because of the 1800 loop pick-up, it may be CKML that I've been hearing); 1250-WXOX/CHWO/WGL/WTAE; 1260-WEBG/WLKK/WALM; 1270-WYXZ/WHLD; 1280-CJJD/WONW; 1290-CJBK/WNRS; 1300-WERE; 1310-WNIG; 1320-WOBL/CPFGM; 1330-WELW/WFIN; 1340-WEXL/WNCO; 1350-WSLR/WCSM/WHMI; 1360-WWOW/WKYO; 1370-WSPD; 1380-WLRO/WPHM; 1390-WFMJ/WGWY; 1400-WMZZ/WMAN; 1410-CKSL/WING; 1420-WHK; 1430-WERB/WFOB; 1440-WCEB/WBHH (WBHH is still using this call as of 4/17); 1450-WLEC/WHLS (you can scratch WLEC off the "unreported" list); 1460-WPVL/WPON/WBNS; 1470-WOHO/WKMF; 1480-WHBC/WSDS; 1490-WJMO/WMRN/WABJ; 1500-WLQV; 1510-CKOT; 1520-WKNT/WYFC; 1530-WDEY/WHPY; 1540-WABQ/WBCO; 1550-CBE; 1560-WTOD/WBKC; 1570-WLQB/WIFP/WCLC (CHLO has never been heard on day pattern and WGLX has never been heard at all. They're my closest unreported); 1580-nll; 1590-WSMA/WASR; 1600-WTFP/WAAM/WAQI. To recap: There are 162 stations that are daytime regulars in the winter. They represent 12 states and one province with the top dogs being Ohio with 63, Michigan with 39 and Ontario with 28. In the battle to see who could take up the most space on the AM band, the winner is WCXI with their 100 kHz bandwidth. CKLW came in a close second. Besides those stations that are underlined, dishonorable mention should also go to CHOK, WWWE, WNIC & WLQV for their 90 to 100 dB relative carrier levels. And so ends this analysis of local daytime reception. My six-week hospital stay in Toronto 'only' lasted four weeks. I didn't do any serious listening while I was there but I did note that CKFH-1430 is now CJCL but they usually ID as 'Metro 1430'. 73 and take care.

CKFH-1430 IS NOW CJCL

DAVID CLARKE - R.R. #5 - Bowmanville, ON - L1C 3K6 (Postmarked IV/15, 6 P.M.; Received IV/23, 2 P.M.)  
 \*\*\*\*\* Hello gang! Local 1430 CKFH is now on new calls C-J-C-L, and IDs as "Metro 1430" - format seems to be mix of old T-40's and C&W. DX here has slowed down considerably, but the following newies were logged: 3/21: Good CX tonight, w/KLOU, 1580, LA, @ 4:15am, in/out w/T-40, DJ w/IDs weak, but in the clear. Nothing new till 3/29 when WOL-1450, D.C. was logged at occasional peaks between 1:46-3:21am w/talk & IDs by M announcer. 4/2 brought WAIY-1580, MS w/c/w, IDs, for three minutes at 7:20pm on SSS skip. 4/5- Good opening to La Belle Provence (P.Q.) this PM & CKRN-1400 @ 9:51-10:21pm in w/FP pop mx, ID in FF @ 10pm, no NX on the hour. MM 4/6- 1580 had KLOU again, but this time mixing w/KDAY CA in w/pix of public affairs from 2:48-3:09am for Cal. #6 here, & finally, good SSS skip CX that PK, w/two newies in - WNU5-1090 Mich. @ 7:20pm to 7:28 s/off w/C&W mx, ads, and WSPR-1270 Mass. @ 7:32pm w/"Sports Line" tele-talk show, M host. Totals now are 433/286; states 38/36; provinces 9/9. Even the mailmen has slowed down lately with veries. Barely trickling in are the following, all w/1's: WFRA-1450-TEST, WANB-1580, WOC-1420 w/nice two page letter, CE says "...some DXers use beverage antennas with beer cans strung on to increase receiving diameter of antenna! (Honest!) WSAJ-1340-TEST - one of my prized catches - MANY THANKS to CPC Committee for their work this year; and, finally, WOL-1450 in 11 days! Very poor CX this morning (MM 4/13) with terrible band conditions. Only thing of interest was local CKAR-1350 off/on w/TT from 2-3am. I hope the Easter Bunny brought you many "DX eggs". 73, DC.

SAYS OUR APRIL FUEL ISSUE WAS A MASTERPIECE!

TIM KERFOOT - 189 Cedarvale Avenue - Apt. 505 - Toronto, ON - M4C 4K1 4/14/81  
 \*\*\*\*\* No new DX has been heard here since last Muse. I did receive a verie from WMYR-990. The April 6th issue of DX NEWS was a masterpiece! I read the April Fool features over and over. In spite of all-nighters, more and more high-powered stations, and the evils attendant upon apartment DXing, I managed to hear 13 new stations this season. Excluding locals and call changes I now have 880 heard and 407 verified. Countries are 17/13, provinces 10/10, and states 42/42. 73.

KOFI-1180 HAS BEEN GRANTED 50,000 WATTS

DAVE HOLTEN - E. 4106 Fairview - Spokane, WA - 99207 4/17/81  
 \*\*\*\*\* Just a short note of interest. In a recent verie from KOFI on 1180 kc/s. was reported a grant to change power from 10,000w to 50kw as of 3/30/81. Now all who want Kontan might have a chance. Other than that there hasn't been much DX around here. 73 to all.

TWO EDITORS ARE BETTER THAN ONE!

Because of the shortness of time, Back-up Editor DAVE YOCIS and ERNIE COOPER decided, in an Easter Sunday evening phone conversation, to split this issue between them. Dave will cut all Musings he receives through 4/27, & ERC would type those he had received thru 4/19 & what he gets in the early part of the ensuing week. ERC's Jury Duty ends on April 29th. Next deadline is May 23rd, in Provincetown. Please double space and stick to 30 lines or thereabouts.

ERNEST R. COOPER - 5 Anthony Street - Provincetown, MA - 02657 617-487-9337  
 \*\*\*\*\* Veries are in from CIRB-1240, v/1 in EE from a report in FF  
 addressed to CKRB-146C; v/1 from WOKX-1590, & v/q WIIN-1450 on old WFGP card,  
 with WIIN-1450 typed on it, for a total of 4,190. The DX season is far from  
 over, to wit: 3/31- UnIDing TTer on 820 of all places @ 2:18, o/WBAP/HJED. I  
 don't particularly care who it was, 'cuz I don't need anything on 820! That  
 evening, after a phone call from DAVE FOX, I too found a brand new VOA signal  
 on 1580, w/cl mx & ID @ 8:34pm as "You are listening to the Voice of America,  
 from Washington, D.C." Then, they repeated the same three short classical  
 pieces! They had a sensational, non-fading signal which laid CBJ to rest but  
 good. Who, where, and WHY is this? Also, thanks to these NRC callers: ANTHONY  
 LAGATTUTA, TOM WILLIAMSON, ROLLAND LINDBLADE, PAUL MOUNT, ED GERLINGER (off to  
 Australia!) ---- NEWKIRK, JOHN KAPINOS, JEFF LOCKWOOD, SID MARSHALL, DAVE YOCIS  
 & STAN MORSSI 4/1- Male quartet warbling on 1550, likely WYNX, 1:23. WCOU-  
 1240 was loud @ 2:13, & WJLK-1310 @ 3. UnID TT on 1550 first noticed @ 3:11.  
 4/2- Surfacing on 1490 @ 2:35, a black powerhouse preacher, for about five min-  
 utes, then gone. I wonder who this is? Local WKZE-1170 s/off @ 6:15pm, & at  
 6:26, WJKQ-1170 heard to say "WJMC now leaves Radioland!". 4/3- TTERS on 1460  
 @ 1:49; 1300 @ 2:38; & 1240, 2:45-3, a f/c, likely. SM 4/5- Columbia's NA at  
 12:57am on 1140 & off, WRVA already off, leaving another Colombian, HJKO. LV  
 de Cuba atop 1110 @ 1. WHAM-1180 did not s/off this AM, & WWVA-1170 was still  
 hillbillying @ 2:08. WJIT & WLEE played tag on 1480 w/WSAR off as usual on SMs,  
 2:15. And a TTer on 1590, 2:28-2:43am. MM 4/6- UnID TTer on 1600 @ 1:15. And  
 goo-bye 1190, WOWO stayed on AN, & has done the same each MM since, as they,  
 too, succumb to greed. On 1260, somebody carrying Enterprise SX network @ 1:26  
 but they faded out soon thereafter - is this WKKW, NJ? There were later TTERS  
 on 1390, 1110 & 1070. 4/7- WNYM-1330, ex-WEVD, topping WDLW @ 1:16, they are  
 now on till 3am Tues-Sat. AMS. I didn't report, pending finding out their full  
 address, knowing the NYC post office performances. 4/8- Unn CKEC topped 1320 @  
 1:04am. Unn WNYR-990 told their listeners at 1:55am "We have a direct wire to  
 Yankee Stadium!" 4/11- A weak signal noted this AM on 565 @ 12:53am. 1320 was  
 topped by CPGM this AM, while an unk TTer held down 1370 @ 1:48, and the black  
 preacher again on 1490 @ 2:18am. MM 4/13, a sensational DX morn, with the  
 strongest AU I've yet experienced on Cape Cod: 1kw Colombians held down 1350 &  
 1270 for reports (HJOC, Emisora Betin, on 1350, & HJAR, R. Miramar, on 1270,  
 o/u the Cuban Minute Man, and hearing an announcement for the Jewish Community  
 Center o/u WKFJ-1450 I had visions of WOCN, Miami, but it turned out to be, in-  
 stead, needed WIIN-1450, reported, & verified. There were about three Sses on  
 1560, & HJCB-1550, La Voz Fortena, was solid on 1550 - a great AM! C U N 28 !

# FM96 KRAVAM1050

10 APRIL 1981

NATIONAL RADIO CLUB  
 P.O. Box 32125  
 LOUISVILLE, KENTUCKY  
 40232

GENTLEMEN,

SINCE I GET MORE AND MORE RECEPTION REPORTS FROM MEMBERS OF THE NATIONAL  
 RADIO CLUB, I HAVE DECIDED TO SET OUT KRAVIS COMPANY POLICY FOR CONFIRMATION  
 OF REPORTS.

WE ARE A DAYTIMER, AND CONSEQUENTLY MOST REPORTS COME IN NOTING RECEPTION  
 OF OUR EARLY-MORNING FREQUENCY AND EQUIPMENT TESTS. I WILL HAPPILY CONFIRM  
 ALL THE REPORTS WHICH CAN BE IDENTIFIED AS HAVING BEEN OUR STATION. IN FAIRNESS  
 TO THE HOBBY, HOWEVER, I WILL NOT CONFIRM REPORTS WHICH CAN'T BE IDENTIFIED  
 AS OUR STATION. I MIGHT ADD, I HAVE ABOUT SEVEN REPORTS IN HAND WHICH WERE  
 OBVIOUSLY LIFTED OUT OF A DX NEWSLETTER. (WE MISSED OUR NORMAL MEASUREMENT  
 DATE, AND RAN IT A WEEK LATE. I CAN'T BUY THE REPORTS FOR OUR NORMAL TEST  
 DATE WHEN I KNOW THE RADIO WASN'T ON!!) THEREFORE, I WILL CONFIRM ANY OF  
 THE FOLLOWING:

1. DURING PROGRAM PERIODS, ANY TWO SONGS IN SEQUENCE, TIME AND TITLES.
2. DURING PROGRAM PERIODS, ANY TWO SPOTS OR PROMOTIONAL ANNOUNCEMENTS,  
 IN SEQUENCE, BY ADVERTISER.
3. DURING TEST PERIODS, THE TIME OF THE TEST ID AND THE EXACT WORDING  
 OF THE TEST MESSAGE. (IT IS CHANGED REGULARLY)
4. ANY OTHER MEANS YOU WISH TO USE WHICH CONVINCES ME THAT YOU DID, IN  
 FACT, HEAR US.

THE REPORTS ARE A GREAT HELP IN DETERMINING WHICH WAY(S) THE SYSTEM  
 RADIATES BEST, AND I HOPE YOUR MEMBERS WILL CONTINUE TO SEND THEM.

THANK,

JOHNNY BRIDGES, CHIEF ENGINEER  
 THE KRAVIS COMPANY/AM1050-FM96-KRAV

# VERIFICATION GAME

550	WHLMI	Anthony Hogg CE	RA	1320	WOIC1	Ben Woods CE	KC
570	WGMSf	H.K. Leyh CE	KC	1330	WDLWqb	u/u CE	KG
580	KCYfmb	u/u GM & VP	KC		WCPQ1	Darryl E. Nixon P	KG
620	YNGRIn	Freddy Corea S. y		1340	WPBRfm	Richard Rieke CE	KC
		Jose Charon Ruiz	WH	1360	WYU01	Gene Bardo CE	KG
630	CHEDfmb	Alice Perry Scy toGMKC			WLAW1m	Don Eller	KC
	WAVU1b	Ernest Stone CE	RC	1370	WPRC1m	Geo Yazell CE	KC
680	WMPStm	John Randolph PD	KC	1380	WYNKq	Don Brown PD	JS
690	WYISrm	u/u GM	KC	1390	KTSM1fm	Chris Russel PD	KC
735	CJNRI	Chris Russel Nx d	KC		WLAN1m	Frank Aldoeffer DoE	KC
750	KFQDf	Gale Alfred CE	KC		WGSC1qm	Griffin Dameron ACE	ERC
	WEMD1	Scott Brenner CE	KC	1400	WSGA1	Dennis Eversall CE	KC
790	WMCqm	u/u Eng. Div	KC	1420	CKPTf	Ed Crompton CE	HH
800	WCCM	John Bassett GM	ERC		WVOT1m	Richard Oakley P/GM	KC
	CHRC1n	Alain Gilbert CE	KC	1430	KRG1u	Robert Walker PD	ERC
	KRE1l	Donald Niccum	KC	1440	WRAJ1	Russ Mertz Am	KC
	WEAB1	Ric Rogers PD	KC	1450	KSIW1	James F. White CE	JS
810	HJCYqn	Jardany Savarez Ramirez Gerente	HH		WTAL1	Frank Veihmeyer O	KC
		Chris Simon ACE	JS	1460	WJAKfm	Thomas Cupp CE	KC
850	KGOE1	Eleanor Larson SM	KC	1470	WTR1m	Joe Kureth (exNRC)	KC
	WEAT1	Neal A. Perdue NRC	ERC	1490	WAZL1	Ronald Gillenardo AGM	KC
860	WHRTf	Jeanette Gill Pub Rel	WRN1m		WRN1m	M. Jack Quick VP/GM	KC
	CBHqm	Chris Hudak CE	KC	1500	WGFT1m	Kathleen Koledin	KC
	WYJZqm	Geo Oberto E	KC	1510	WKAL1	Robert Wille GM/CE	KC
910	WMLQ	Jon Roberts CE	KC	1520	WEXYf	u/u CE	KC
920	WMELfm	Mark Jividen CE	KC		KSIB1m	Dennis Poffenberger CE	ERC
	WTRN1f	Clyde Moeller CE	KC	1530	WTR1l	Ron Arnold	HH
	CFAM1m	Jack Hoepfner CE	KC	1540	WQCC1	R.A. Lyon CE	KG
950	WTEC1m	Eugene Underwood CEK			WTXY1hb	Ken Williams	KG
960	WWST1m	W.A. McNary E	KC		WFEC1	Raymond Woofenden Sr.P	HH
	WJCM1	James KowalskiCE	ERC/HH	1560	WUUEpmu	John W Smith CE	KG
970	KNEA1m	Bill Little GM	KC		WCCP1	Daniel Shoof PD	HH
990	KWAM1m	Alonzo Pendleton CE	KC		WFX1b	Chris L. Hicks CE	HH
1000	WKBQ1mb	Austin Riggsbee SM	KG	1570	WPGM1	Larry Souder GM	RA
	WMUFLmc	Barry Crowe GM	KG		WONAL	Rick Robertson	HH
	CFLPfn	Gilles Fournier T	HH		CKLQ1m	Rick Garrison PM	KC
	WSPF1	Dan Bordner OpM	HH	1580	WAMYq	Ed Straford M	HH
1050	WBRG1mb	Dave Berry PM	KG		WCRV1	Alan Parnau CE	HH
1070	WDIAL	Alonzo Pendleton	KC	1590	KVGBqb	u/u	MoS
	KOPYf	u/u	WH		WOKX1	Thomas Bondurant CE	ERC
1080	WWDRI	Linda Flythe AGM	KC		WTWB1	David W. Fuller CE	RA
1090	WCRAF	A.B. Cooper CE	KC		WQW1	Tom Chelstowski A	HH
1130	WMGAL	James Moore CE	JS		WPLW1	Barbara Wilson Adm Asst	HH
1180	"VOA" q	u/u	KC	1600	WKQX1	Eric Clark	HH
1190	WJES1h	Mike Casey OpM	KG		WFAG	Farley Fairy CS	JS
1210	CFB1	Dwayne MacIntosh CE	KC		WUNR1	Peter E. Skinner NRC E	ERC
1220	WKBK1	Lindsay Collins CE	RAKG				
	CKCWf	Robert Oke Doe	KC				
1230	KKRCcm	The CE	KC				
1240	WOCB1m	Nigel Atkins E	ERC				
	WMP1	Jack Hyden Act Ex	ERC				
	CIRE1e	Jules Venne (CKRB)	ERC				
	WJNCLm	Ron Brown G'	KC				
	WJTN1m	Randy Stiffer CE	KC				
1250	WDAEf	Russel Elkin CE	KC				
1260	WIPV1	Martin Volting CE	KC				
1290	WIIZ1m	Harold Foster P	KC				
1300	WNVob	u/u CE	KC				

The CREW: KC: Ken Chatterton/ RA Rocket Ray Arruda/ RC: Rick Carr/ERC: ERC  
 HH: Hank Holbrook/JS: Jerry Starr/ KG: Kermit Geary/MoS Morris Sorenson

Please send your contributions of RECENT v/s in frequency order if you  
 would its real difficult to straighten them out! Still on hold are the  
 results of the veri survey and a large batch of hold outs..