



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 53 ISSUE 3 October 21, 1985

1986 NRC DX Calendar will NOT be produced this year due to computer graphics problems, ran out of time, and otherness that I can't remember at this point. Look for it next year (1987), we hope, hi.

AM Switch Column will return soon. Jerry is out flying his hot air balloon and taking a deserving break from AMS. Lets just hope he don't get hijacked, hi.

Inside you find that we finally got to one of Marc Bergman's articles. We wanted to run it as a whole complete article during this past summer but....as the saying goes, better late than never. The rest of it will be found over the next two issues.

Speaking of articles, if you have one and want to see it printed here, then get it to us here at HQ. Specifications for copy ready print can be found a few issues back, otherwise just forward it here and we'll fix it for you.

Before I forget again, I'm back to working days, which means that you can talk to me "live" in the evenings, instead of waiting for the weekends. And please, NO collect calls. How long will I be on days....who knows. We'll let you know as soon as we know.

NRC DX Audio Service has just released the October 86 issue, in Stereo no less! Perfect listening to when your stuck in Rush Hour Traffic. Order your copy today for \$3.00 from HQ or NRC Audio Service, 706 MacKenzie, Lima, OH 45805-1835

BANDSCAN column header will be produced soon, in the meantime, John's address info will appear here until we get that header ready. Send your daytime scans to him at: 995 Shadycrest Road, Pittsburgh, PA 15216.

Log Updaters #1 and #2 are available for 3 mint US stamps, order from the Publication Center.

NRC PUBLICATIONS CATALOG You can obtain your very own copy of the Catalog by writing to the Publication Center whose address is on the back cover of every issue. And please help us defray costs by throwing in a couple of stamps with your request. Thanks.

CPC TEST Times listed are Eastern Time

Nov.11 WMGO Canton MS 1370KHz 0400-0430 Program will consist of tones, music, voice and Monday Morse Code IDs. Reports to Mr. Gene Dow, Executive VP, WMGO Radio, Box 182, Canton, MS 39046 Arranged for the NRC by Wayne Heinen.

LOOK INSIDE:

- | | | |
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| 2.... AM Switch | 5....DDXD | 9....IDX |
| 9....Top End | 10....Contests | 11....Bandscan |
| 13....Milw. Anarcdots | 15....ANARC 1984 report | 16....Ceramics filters |
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RADIO EARTH CAN BE HEARD ON 11.790 SUNDAYS FROM 1800-2100 UTC

Listen to HCJB "DX Partyline", 0230 UTC Saturday night, for the "AM Interlude" Program with Wayne Heinen.

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

STATION ADDRESS CHANGES

Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

550 KOAC OR CORVALLIS 303 COVELL HALL, OREGON STATE UNIV. 97331
 570 WIDS KY RUSSELL SPRINGS BOX 1190 42642
 590 KUGN OR EUGENE 4222 COMMERCE STREET 97402
 610 KYJC OR MEDFORD BOX 1945 97501
 620 WHEN NY SYRACUSE 620 OLD LIVERPOOL ROAD 13088
 620 WTMT KY LOUISVILLE 165 WEST BROADWAY 40202
 630 WLAP KY LEXINGTON BOX 11670 40577
 660 WNBC NY NEW YORK 30 ROCKEFELLER PLAZA 10020
 680 WCTT KY CORBIN BOX 372 40701
 700 KGRV OR WINSTON 196 SE MAIN STREET, No. 4 97496
 710 WEKC KY WILLIAMSBURG JACKSON MALL 40769
 730 KBOY OR MEDFORD 190 EAST MAIN STREET 97501
 740 WGSN NY HUNTINGTON BOX 74 11747
 740 WNOP KY NEWPORT 1518 DALTON AVENUE, CINCINNATI, OH 45214
 740 KRNG OK TULSA 7136 SOUTH YALE STREET 74136
 750 KSEO OK DURANT DRAWER 190 74702
 760 WCHP NY CHAMPLAIN RAPID ROAD, BOX 888 12919
 780 KSPI OK STILLWATER BOX 2288 74076
 790 WAKY KY LOUISVILLE 558 FOURTH AVENUE 40202
 800 WSMJ KY CAVE CITY BOX 517, GLASGOW, KY 42141
 810 WGY NY SCHENECTADY BOX 1410 12301
 830 WNYC NY NEW YORK 1 CENTER STREET 10017
 850 KRPT OK ANADARKO 115 WEST BROADWAY 73005
 880 KMFR OR PHOENIX BOX 159, MEDFORD, OR 97501
 890 KBYE OK OKLAHOMA CITY BOX 207000 73156
 900 WBRV NY BOONVILLE 302 POST STREET 13309
 900 WEAK KY EDDYVILLE BOX 70 42038
 900 WFIA KY LOUISVILLE 410 SOUTH THIRD STREET 40202
 910 WRKL NY NEW CITY ROUTE 202, ROCKLAND COUNTY, NY 10970
 910 WKEQ KY BURNSIDE BOX 32, GREENSBURG, KY 42743
 910 KGLC OK MIAMI PROFESSIONAL BUILDING 47354
 910 KURY OR BROOKINGS DAWSON ROAD 97415
 920 WKRT NY CORTLAND 292 TOMPKINS STREET 13045
 920 WGHQ NY KINGSTON BOX 1880 12401
 920 WIRD NY LAKE PLACID 1 OLYMPIC DRIVE 12946
 920 WKLU KY MIDWAY c/o 1910 HARRODSBURG RD., LEXINGTON, KY 40503
 920 WTCW KY WHITESBURG BOX 747 41858
 930 WIZR NY JOHNSTOWN BOX 301 12095
 930 WKCT KY BOWLING GREEN BOX 930 42102
 930 WKY OK OKLAHOMA CITY BOX 14930 73113
 940 KGRL OR BEND BOX 5068 97708
 940 KWRC OR WOODBURN 555 NORTH PACIFIC HIGHWAY 97071
 950 KYES OR ROSEBURG 829 SE CASS 97470
 960 KGWA OK ENID BOX 960 73702
 960 KLAD OR KLAMATH FALLS BOX 969 97601
 970 KCFD OK TULSA 3737 SOUTH 37th WEST AVENUE 74107
 980 WLPQ KY PITTSBURG BOX 338, LONDON, KY 40741
 1000 WKLO KY DANVILLE 427 SOUTH 4th STREET 42721
 1010 KRKX OR MILWAUKIE 1345 SW TIMBERLINE DR., LAKE OSWEGO, OR 97034
 1050 WYBG NY MASSENA 162 EAST ORVIS 13662
 1050 KCCO OK LAWTON BOX 1050 73502
 1050 KORE OR SPRINGFIELD/EUGENE 2080 LAURA ST., SPRINGFIELD, OR 97477
 1060 WJKY KY JAMESTOWN BOX K, RUSSELL SPRINGS, KY 42642
 1070 WSCP NY SANDY CREEK 7890 JEFFERSON STREET, PULASKI, NY 13142
 1090 KLWJ OR UMATILLA c/o 27 CEDAR DRIVE, HERMISTON, OR 97838
 1100 WHLI NY HEMPSTEAD 384 CLINTON STREET 11550
 1110 WSWF NY SENECA FALLS 1 WATER STREET 13148
 1110 WTBO NY WARWICK BOX 1110 10990
 1110 WCBR KY RICHMOND COLLEGE PARK CENTER 40475
 1110 KBND OR BEND BOX 5037 97708
 1120 WNY5 NY BUFFALO BUFFALO HILTON 14202
 1130 WKED KY FRANKFORT 115 MYRTLE STREET 40601
 1130 WSJP KY MURRAY 1500 DIGUID DRIVE 42071
 1140 WCJW NY WARSAW BOX 251 14569
 1140 WMMG KY BRANDENBURG ROUTE 2 40108
 1140 WKCM KY HAWESVILLE BOX 1140 42348
 1150 WLOC KY MUFORDVILLE BOX 307 42765
 1150 KNED OK McALESTER BOX 1068 74502
 1150 KKEY OR PORTLAND BOX 5757 97228
 1170 WVSG NY CORNWALL-on-the-HUDSON 240 HUDSON STREET 12520

1170 WMVI NY MECHANICVILLE BOX 569 12118
 1170 WDFB KY JUNCTION CITY ROUTE 4, DANVILLE, KY 40422
 1170 KVOO OK TULSA BOX 1349 74101
 1200 WYHV NY NORTH SYRACUSE c/o TOWN LINE ROAD, CANANDAIGUA, NY 14424
 1200 WYCP KY RADCLIFF BOX 609 40160
 1200 WBCE KY WICKLIFFE ROUTE 2, BOX 38A 42087
 1220 WFKN KY FRANKLIN 103 NORTH HIGH STREET 42134
 1220 KRMC OK MIDWEST CITY BOX 488, ROUTE 8, OKLAHOMA CITY, OK 73109
 1220 KCCS OR SALEM 4303 MARKET STREET 97301
 1230 WEBZ OK PONCA CITY BOX 588 74602
 1230 KDOV OR ASHLAND 290 NORTH MAIN 97520
 1230 KOIK OR LAKEVIEW ROUTE 2, BOX 46 97630
 1240 WGBB NY FREEPORT 1240 B/C PLAZA 11566
 1240 WINN KY LOUISVILLE 120 EAST WOODLAWN AVENUE 40214
 1240 WFTM KY MAYSVILLE 626 FOREST AVENUE 41056
 1240 KADS OK ELK CITY BOX 949 73648
 1240 KBEL OK IDABEL BOX 418 74745
 1240 KFLY OR CORVALLIS BOX K 97339
 1240 KPRB OR REDMOND BOX 1240 97756
 1240 KGEN OR ROSEBURG 936 SW MEDFORD AVENUE 97470
 1250 WIPS NY TICONDEROGA LAKE GEORGE AVENUE 12883
 1250 KGBU OR FLORENCE c/o 1755 HOMEDALE ROAD, KLAMATH FALLS, OR 97601
 1260 WBNR NY BEACON 475 SOUTH AVENUE 12508
 1270 WHLD NY NIAGARA FALLS 2692 STALEY ROAD, GRAND ISLAND, NY 14072
 1270 WAIN KY COLUMBIA BOX 77 42728
 1280 WADO NY NEW YORK 666 THIRD AVENUE 10017
 1280 WPKY NY ROCHESTER Zip Code change only = 14604
 1280 WKYY KY LANCASTER BOX 632 40444
 1280 KBAK OR EUGENE BOX 502, ROUTE 2, MATHEWS HOUSE 97401
 1290 WNBK NY BINGHAMTON BOX 414 13902
 1290 WCBK KY BENTON BOX 7 42025
 1290 WKLE KY MANCHESTER 106 RICHMOND ROAD 40962
 1290 KUMA OR PENDLETON BOX 340 97801
 1290 KLIQ OR PORTLAND OAKS PARK 97202
 1300 WGRG NY SPRING VALLEY 25 CHURCH STREET 10977
 1300 WTKC KY LEXINGTON BOX 12678 40587
 1300 KHYS OR PHOENIX 240 FERN VALLEY ROAD 97535
 1310 WVIP NY MOUNT KISCO RADIO CIRCLE 10549
 1310 WTLB NY UTICA BOX 781 13503
 1310 KNPT OR NEWPORT BOX 1430 97365
 1320 WHHO NY HORNELL BOX 694 14843
 1320 WCLU KY COVINGTON 135 WEST 38th STREET 41015
 1320 KZAM OR EUGENE BOX 1123 97440
 1330 WSPQ NY SPRINGFIELD 30 MAIN STREET, DUNDEE, NY 14837
 1330 WMOR KY MOREHEAD BOX 40 40351
 1340 WMBO NY AUBURN 504 METCALF PLAZA 13021
 1340 WMSA NY MASSENA BOX 210 13662
 1340 WIRY NY PLATTSBURGH 301 CORNELIA STREET 12901
 1340 WKCB KY HINDMAN BOX 864 41822
 1340 KTOW OK SAND SPRINGS 5840 SOUTH MEMORIAL ST., TULSA, OK 74145
 1340 KLOO OR CORVALLIS BOX 731 97339
 1340 KWVR OR ENTERPRISE 107 SW FIRST STREET 97828
 1350 WCBN NY CORNING DAVIS ROAD, SOUTH CORNING, NY 14830
 1350 WLOU KY LOUISVILLE 2549 SOUTH THIRD STREET 40208
 1360 WKOP NY BINGHAMTON BOX 997, 122 STATE STREET 13902
 1360 WNSN NY OLEAN 118 WEST HENLEY STREET 14760
 1360 WFLW KY MONTICELLO BOX 427 42633
 1360 KUIK OR HILLSBORO BOX 496 97123
 1360 KRGL OR MYRTLE CREEK BOX FF, 119 SOUTH MAIN STREET 97457
 1370 WELV NY ELLENVILLE 22 NORTH MAIN 12428
 1370 WXXI NY ROCHESTER Zip Code change only = 14601
 1370 KVVY OK HOLDENVILLE BOX 978 74848
 1370 KFIR OR SWEET HOME BOX 405 97386
 1380 WKDH NY NEW YORK BOX 1380, CARLSTADT, NJ 07072
 1380 KHUS OK MUSKOGEE BOX 1269 74401
 1390 WRIV NY RIVERHEAD BOX 1089 11901
 1390 WANY KY ALBANY BOX 400 42602
 1390 KCRC OK ENID BOX 1390 73702
 1400 KWON OK BARTLESVILLE BOX 1215 74005
 1400 KTMG OK McALESTER BOX 848 74502

1400 FNSR OK NORMAN 2020 ALAMEDA 73071
 1400 NDCS OF CAVE JUNCTION 1400 NORTH SAWYER AVENUE 97523
 1400 KMBD OR COTTAGE GROVE 321 MAIN STREET 97424
 1400 KJBY OR JOHN DAY BOX 399 97845
 1410 KDOE NY DUNKIRK WILLOW ROAD 14042
 1410 WGFN NY SOUTH GLENS FALLS 15 CHARLES STREET 12801
 1410 WOTT NY WATERTOWN BOX 43, R.D.2 13601
 1410 WHLN KY HARLAN 110 NORTH FIRST STREET, SUITE 300 40831
 1410 KCLR OR PORTLAND BOX 197 97201
 1420 WMYL NY HERKIMER BOX 511 13350
 1430 WENE NY ENDIACOTT BOX 151, ENDWELL, NY 13740
 1440 WSGO NY OSWEGO 330 EAST SENECA STREET 13126
 1440 WMDJ KY MARTIN BOX 530 41649
 1440 WEZJ KY WILLIAMSBURG 522 MAIN STREET 40769
 1440 KMED OR MEDFORD 320 CRATER LAKE AVENUE, SUITE 202 97504
 1450 WCLI NY CORNING 99 WEST FIRST STREET 14830
 1450 WKAL NY ROME Add 4-digits to Zip Code = 13440-9605
 1450 WKXJ KY CAMPBELLEVILLE BOX 1059 42718
 1450 WKML KY MANCHESTER BOX 50 40962
 1450 FRXX OR EUGENE 1245 CHARNELTON 97401
 1460 WWCN NY ALBANY 1 KENWOOD PLAZA, DELMAR, NY 12054
 1460 WVKV NY ROCHESTER 1850 SOUTH WINTON 14618
 1460 WHPA KY ELKHORN CITY BOX 590 41222 (listed as KS in log)
 1470 WTKO NY ITHACA 317 NORTH AURORA 14850
 1470 WFSR KY HARLAN BOX 816 40831
 1470 WBFC KY STANTON ROUTE 3, BOX 131 40360
 1480 WLEA NY HORNELL BOX 127-E 14845
 1480 WTLO KY SOMERSET DRAWER B 42501
 1490 WAGY NY SYRACUSE BOX 95 13201-0095
 1490 WFKY KY FRANKFORT 28 FOUNTAIN PLACE 40601
 1490 KBYX OK MUSKOGEE BOX 1329 74401
 1490 KBKR OR BAKER BOX 110 97814
 1490 KRNR OR ROSEBURG BOX 921 97470
 1520 WLCG KY GREENUP BOX 685 41144
 1520 KOMA OK OKLAHOMA CITY 820 SW 4th STREET, MOORE, OK 73160
 1550 WCGR NY CANANDAIGUA BOX 155 14424
 1560 KWCO OK CHICKASHA 500 COUNTRY CLUB ROAD 73018
 1570 WBUZ NY FREDONIA 136 CLINTON AVENUE 14063 ** ex-WCGT **
 1570 WLEB KY MORGANTOWN LINCOLN BLVD., HODGENVILLE, KY 42746
 1570 KGCOR OK PRYOR BOX 66 74362
 1580 WLIM NY PATCHOGUE WOODSIDE AVENUE 11772
 1580 WMTL KY LEITCHFIELD BOX 47-A, ROUTE 2 42754
 1590 WASB NY BROCKPORT DRAWER G 14420
 1590 WEHH NY ELMIRA HEIGHTS 200 LATTA BROCK ROAD 14845
 1590 WGGO NY SALAMANCA STAR ROUTE 14779
 1590 WALY KY GRAY BOX 311 40734
 1590 WFJT KY INEZ BOX 162 41224
 1600 WLLS KY HARTFORD SPINKS SHOPPING CENTER 42347
 1600 WSLK KY HYDEN BOX 528 41749

***** CONTRIBUTORS *****

NEW YORK entries researched by HOWARD KEMP
 KENTUCKY, OKLAHOMA & OREGON researched by ED KREJNY

** Note that, out of 90 AM stations in OREGON, there were 42 address changes, nearly half the stations in the state !!! **

..... UPDATE COUNT : ONLY 7 MORE TO GO !!!

Get Your Very Own copy of the Information Catalog.

JUST WRITE TO:
 N.R.C.
 P.O. BOX 164
 MANASSASVILLE
 NEW YORK
 13661 USA


NRC
 Catalog



DOMESTIC DX DIGEST

Dave Schmidt, 42 Chelwynne Road, Castle Hills, New Castle, DE 19720

Here is the NRC column which is taking over where the Philadelphia newspaper strike leaves off! When sending your items in, please keep them on one side of the paper, type or neatly write, skip a line or two between items, Eastern time (EDT or EST), and now that we are weekly, no loggings over 1 month old. Here we go:

EMERGENCY BROADCASTS (..and a few non broadcasts, too!) 

- 540 WLIX NY ISLIP - 9/27 1206 noted off, channel clear. Still off 9/29 1000. Noted back on 9/30. (BH-NJ)
- 600 WICC CT BRIDGEPORT - 9/27 1323-1437+ noted off, nothing noted here. Back on 1628 w/anc'r praising CE for finding alternate power supply. (BH-NJ)... 8/27 1130-1627 noted off the air, this local MSP pest finally had a silent period! (TF-CT)
- 860 WEVA VA EMPORIA - 9/27 0200-0220 good in CJBC's null w/AP news, pop music, hurricane info. (KG-PA)...9/26 2038 weak w/ID, Top 40 music u/CJBC(HJH)
- 960 WSBY MD SALISBURY - 9/27 0255+ topping channel w/storm news, likely on day pattern. (ERC-MA)...9/27 0140 o/all w/hurricane and shelter info. (KG)
- 990 WBTE NC WINDSOR - 9/26 2133-2240 tremendous signal w/hurricane info, cancellations, NC News Net., news; CW music, ID's as 'Real Country 99'. (KG) I guess this was my UNID here from last issue. (DS)
- 1100 WHLI NY HEMPSTEAD - 9/27 1329-1437+ off air, WCPA at fair level, noted back on at 1620 recheck. (BH-NJ)
- 1200 WKOX MA FRAMINGHAM - 9/27 lost a tower during Gloria, crashed thru studios but no injuries. Strong as usual on 9/29 1000 check. (ERC-MA)
- 1230 WCMC NJ WILWOOD - 9/27 noted off all day leaving WITH w/WEEEX in their null, and believe a weak WKBO u/WEEEX. (DS-DE)
- 1260 WNRK DE NEWARK - 9/26 2140+ good at times w/WTAE-1250 splash w/emergency info, ID, phone calls, etc. (JM-PA)
- 1330 WESR VA ONLEY - 9/26 2020-2045+ o/all w/hurricane info, MYL type music, sports news, closings and clustered ads (1). (KG-PA) FM simulcast. (DS)
- 1370 WKIK MD LEONARDTOWN - 9/26 2030+ very good at times w/WSPD/WXXI w/hurricane info, SNN news, ID 'your nighttime entertainer', MOR music. (JM-PA)
- WALK NY PATCHOGUE - 9/30 0153+ good at times o/WSPD/WFEA w/school closings, MOR music, dual AM-FM ID, AP news, weather, et al. (JM-PA)
- 1380 WAMC NC NEW BERN - 9/26 2252-2313 on top w/hurricane info., ads, Pop music, ID as 'WSFL, New Bern, Havelock, Morehead City'. (KG-PA)...9/26 2050+ xInt at times w/hurricane location, weather, ads, CHR music, ID'ing as WSFL-FM 106.5. (JM-PA)
- 1430 WNJR NJ NEWARK - 9/27 1144-1159 off the air yielding WLNA-1420 and long wanted WNYC-1440, back at 1159 w/no explanation. (BH-NJ)
- 1500 WFIF CT MILFORD - 9/27, 9/28 off the air, leaving WKER. (TF-CT)...Still off as of 10/6. (Musco-CT)
- 1510 WRAN NJ DOVER - 9/27 1330 noted off yielding WPUT (fair) and WJIC (weak), noted back 9/28 weaker than usual, back full strength 9/29. (BH-NJ)
- 1520 WIBG NJ OCEAN CITY - 9/27 0050-0100 fair in WKBW null w/music, info, dual WIBG/WSLT ID's. (KG-PA)...9/26 2137+ strong at times w/info for South Jersey, weather, mixing w/null'd WKBW. (JM-PA)
- 1530 UNID 9/26 2122+ very weak u/WCKY w/repeated weather tape, WOBR? (JM-PA)
- WDJZ CT BRIDGEPORT - 9/27 1500-1745 noted off, only WDJM noted. (TF-CT)
- 1540 WADK RI NEWPORT - 9/27 0009-0023 very good at times o/u KXEL w/AdCon music, weather, possible hurricane movement, ID & off. (JM-PA)
- 1550 UNID 9/27 0345+ hurricane info., weak, bothered by WPTB-1540 splash, someone w/reduced or emergency power? (ERC-MA) Read on.....
- WSER MD ELKTON - 9/26 2047+ xInt at times o/CBE/WCVL w/info, weather, warnings, rock music, many ID's. (JM-PA)...9/26 2048 weak then fading to strong level w/Top 40 music, info. (HJH-PA)
- 1580 WLIM NY PATCHOGUE - 9/26 2040+ xInt w/BBD/EZL music, info, off by 0000. (JM-PA) 9/26 2038 loud w/EZL music, info. (HJH-PA)
- 1590 WETT MD OCEAN CITY - 9/26 2049+ xInt o/WAKR w/MOR music, info for S MD. (JM-PA)
- 1600 WLNG NY SAG HARBOR - 9/29 1900 heard weakly giving FCC rule for emergency b'cast then started taking phone calls. (HJH-PA)

FREQUENCY CHECKS

1st Sun - WCNC-1240 NC 0000-0015 w/TT, ID's every 2 min. (DS-DE)



SPECIAL

830 CPJR ON BROCKVILLE - 9/23 1911 1st time noted here, strong w/Top 40 music. (HJH-PA)....Now noted here, ex-1450, good at sunset, night signal is very weak, it'll make it tough to log USA's new 830 daytimers here. (ERC-MA)
 (6) ...9/23 2152-2200 good, even w/WOCC w/jingle/ID during Bluejays game. (BH-NJ)...9/19 1245 very good w/financial report, ID, 'Luchtime Gold' w/rock oldies, 1st day on new freq., power is 5000 watts. (MSK-ON)
 1000 WCFL IL CHIACCO - Still silent on Tuesday AM's, OC only noted 10/1 0132. (ERC)
 1380 WNAQ CT NAUGATUCK - 10/6 1840-1900 w/National Music Survey, ad, ID, ex-WNR, station has returned to the air. (TP-CT)
 1470 WSRO MA MARLBORO - Sked is now AN w/EZL music, NSP, I believe. (ERC-MA)
 WKXW PA ALLENTOWN - Sked still NSP, CW music. (ERC-MA)
 1590 WASY ME GORHAM-PORTLAND - Station is now silent, not noted in visit to area this year. (TP-CT) Yeah, and it's listed in the log as Gorham-Portland, OR. Is it me? (DS)

MIDDAY - MIDNITE

550 CPNB NB FREDERICKTON - 9/15 2223 good w/weather, pop music. (PO-NH)
 590 WROW NY ALBANY - 9/27 1542-1615 in very well w/WICC off w/MoR, ads, bus delay reports, no sign of WEEI. (TP-CT)
 600 WICC CT BRIDGEPORT - 9/29 2035+ very good at times w/WCAO w/MoR music, school closings, weather, PSA, sports, AP news, 'Radio 60' ID's. (JM-PA)
 610 WTP PA PHILADELPHIA - 9/27 1615 in well w/WICC off, no sign of WSWG/WJIR. (TP)
 680 WRKO MA BOSTON - 9/18 2040 poor/fair w/talk show, ID, time check, lots of CPTR now on 50000 watts. (MSK-ON)
 760 WCHP NY CHAMPLAIN - 10/5 1705-1812 weak w/religion, brief s/off w/hymn. (MUSCO-CT)....Noted 9/3 1827-1900 w/religion then s/off, began operations here 8/21 w/25000 watts D3. (ERC-MA)...9/12 1958 noted w/s/off. (PO-NH)
 780 WABS VA ARLINGTON - 9/16 1902 religion, s/off, strong but fading. (PO-NH)
 790 WRUM ME RUMFORD - 9/10 1858 w/CW music, ID as 'Country 790',s/off w/no SSB.(PO)
 CKSO ON SUDBURY - 9/26 2150 atop w/Top 40 music on good Canadian nite. (HJH-PA)
 800 WSVS VA CREME - 9/14 1904 briefly o/WIMR w/ID, CW music. (BH-NJ)
 860 UNID 9/21 1935-1943 man & woman w/southern accents w/lengthy promo for free food at the Country Bumpkin. Good in CJBC null but faded before ID. (BH-NJ) It was WCBR...We're Country Bumpkin Radio! Who else! (DS)
 870 WHCU NY ITHACA - 9/28 1840 like a local w/clustered MoR, female anc'r. (TP-CT)
 910 WBSA PA YORK - 9/28 1902-1917 CBS news, sports line, local high school scores, tele-talk, good w/no sign of WRQC. 5th try for verie. (TP-CT)
 WABI ME BANGOR - 9/17 1851 w/ad, ID thru WRQC. (PO-NH)...9/21 1957-2003 briefly atop w/MoR oldies, AM 91 ID, ABC news. (BH-NJ)
 920 WGHQ NY PORT EWEN - 9/17 1858 good w/WHJJ w/s/off w/God Bless America. (PO-NH)
 WKVA PA LEWISTOWN - 9/24 1910 good w/promo, ID, MoR music, 'Central PA's most popular station'. (JM-PA)
 930 CFBC NB FREDRICKTON - 9/26 2218 very strong w/ID, rock music. (HJH-PA)
 950 WYWY KY BARBOURVILLE - 9/17 1944 s/off just barely noted u/WWJ. (JM-PA)
 WRUN NY UTICA - 9/18 2311 poor w/ID, Utica-Rome dualed. (MSK-ON)
 960 WSBY MD SALISBURY - 9/30 1853 briefly atop w/Delmarva's Sports Leader ID. (BH)
 980 WCAP MA LOWELL - 9/26 1925-1935 very strong on day power w/Red Sox game, anc't of hurricane closings, ads, gone abruptly at 1935. (KG-PA)
 1040 WSKE PA EVERETT - 9/19 1843 w/CW music, ID, weak w/heavy WB2-1030 splash. (PO)
 1050 WCMS VA NORFOLK - 9/28 1705-1711 good then faded w/jingle/ID, ads,CW music.(JM)
 1070 UNID 9/29 2030 very good at times w/WIBC/CHOK w/classical music on CBC net, faded before ID on hour, was hoping for CBA. (JM-PA)
 1080 WKGX NC LENOIR - 9/29 1929 fair w/full data s/off, BBD music, mentions of 5000 watts in s/off. (JM-PA)
 WKBY VA CHATHAM - 9/29 1917 good w/ad, Good Gospel music promo, ID. (JM-PA)
 1120 WUST DC WASHINGTON - 9/19 1851 briefly atop w/ID, contest. (PO-NH)
 1150 WCXN CT MIDDLETOWN - 9/28 1832 fading atop w/ad, ID, enuf for report. (HJH-PA)
 1160 WCCS PA HOMER CITY - 10/2 1848-1900 very strong til power cut w/SMN, many ads, brief local news, weather then u/WJJD on hour. (DS-DE)
 1170 WBRW NJ SOMERVILLE - 9/21 1905 weather, ID, MoR music. (BS-NJ)...9/18 1935 w/time check, weather, pop music, many ID's. (PO-NH)
 WCXN NC CLAREMONT - 9/26 1925-1930 very good w/WNVA off w/religious music, jingle/ID, portion of full data s/off. (JM-PA)
 1190 WBDY VA BLUEFIELD - 9/28 1931 good w/WOMO w/full data s/off, address and mention of tune FM side, no call change yet. (JM-PA)
 CHTN PEI CHARLOTTETOWN - 9/26 2119 very strong w/CW & rock music, thought was an emergency broadcast at first. (HJH-PA)
 1200 WKOK MA FRAMINGHAM - 10/2 1905 fair w/sports talk, news, easy to ID w/anc'rs New England accents. (DS-DE)...9/28 & 29 1831-1900 per MD tip, very good w/WCAU-1210 splash w/MoR music, ID, weather, s/off w/ID mentioning 'Metro West'. (JM-PA)

1220 WSCR CT HAMDEN - 9/19 1858 noted w/s/off barely thru noise. (PO-NH)
 1230 WQDY ME CALIS - 9/18 1914 poor thru mess w/ID, marine weather. (PO-NH)
 1240 WSKI VT MONTPELIER - 9/19 1906 w/weather, ID thru graveyard hash. (PO-NH)
 1250 WMTN NJ MORRISTOWN - 9/19 1909 w/oldies music, ID as 1250 Stereo. (PO-NH)
 1260 WBBG OH CLEVELAND - 9/29 fair w/cruise contest into 40's music. (HJH-PA) No time given...he forgot the time again! (DS)
 WNDR NY SYRACUSE - 9/24 2017 good w/promo ID, MoR/oldies music, some WTAE-1250 splash. (JM-PA)
 WJJJ VA CHRISTIANBURG - 9/24 1924-1931 fair w/promo, MoR music, portions of full data s/off noted. (JM-PA) Someone told me that the son of the FCC chairman works here! Fun city! (DS)
 1270 WSPR MA SPRINGFIELD - 9/21 1901 news, promo for Spinks-Holmes fight. (MSK-ON)
 1290 WKNE NH KEENE - 9/21 1930 fair w/ad, promo for contest w/record store. (MSK-ON)
 1300 WERE OH CLEVELAND - 9/25 2120 u/WAV2 w/talk, no sign of WPBR. (TP-CT)...9/6 2327 choppy fading signal w/ads, ID, news/talk. (PO-NH)
 1310 WGSA PA EPHRATA - 9/29 1858 fair w/jingle/ID then faded. (JM-PA)
 WIBA WI MADISON - 9/29 2000 blasting w/WI Network sports talk show. (JM-PA)
 WNAE PA WARREN - 9/24 1917-1930 good w/Top 40 music, female anc'r, s/off w/mention of 92.3 FM. (BH-NJ)
 1360 WDRC CT HARTFORD - 9/21 1918 wrock oldies, ID. (MSK-ON)
 WCHL NC CHAPEL HILL - 9/24 1935-2000 xint w/local ads during Acc Hotline sports talk show, jingle/ID, promo, no sign of WIXZ. (JM-PA)
 1370 WXXI NY ROCHESTER - 9/28 2042-2115 Irish folk music, Kids America show promo, ID, 'Tribute To A Night Club' program, all o/WFEA. (TP-CT)
 WKFD RI WICKFORD - 9/18 1900 fair w/s/off anc't. (HJH-PA)
 1380 WACB PA KIPTANING-9/28 weak giving s/off anc't, SSB. (HJH-PA) HE forgot the time AGAIN! (DS)
 WKTJ ME FARMINGTON - 9/21 1901 nice w/PSA, news, weather, oldies music. (PO-NH)
 1390 WDOT VT BURLINGTON - 9/25 1855-1900 fair w/CW music, DJ closing show. (BH-NJ)
 WMPO OH MIDDLEPORT-POMEROY - 9/23 1943 weak/fair ending music, s/off. (HJH-PA)
 1420 WWSR VT ST ALBANS - 9/20 1559 poor w/CKPT w/nutrition info, Golden Boat Anchor Contest promo. (MSK-ON)
 1430 WENE NY ENDICOTT - 9/21 1913 promo for news program, ID, CW music. (MSK-ON)
 1490 UNID ON 9/20 1538 good, mentions of downtown Arnprior, 'Ottawa Valley Radio' promo, local ads, possibly a relay of CKOB-1400. WICY formerly atop here. (MSK-ON)
 1500 KSTP MN ST PAUL - 9/28 2000 good thru WTOP w/Newstalk ID. (JM-PA)
 1520 WPOE MA GREENFIELD - 9/27 1650 MoR music, ads, in well w/WDJZ off. (TP-CT)
 WTBE NY MINELOA - 9/27 1632 female preacher soliciting, ID, finally lost to WPOE, WDJZ-1530 was off, one of my closest unheards heard! (TP-CT)
 1550 WAAY AL HUNTSVILLE - 9/30 1959 briefly atop w/Stereo 1550 ID's. (BH-NJ)
 1570 CFOR ON ORILLIA - 9/21 1916 good o/usual CKLM w/PSA, ad, jingle/ID, MYL type type music. (MSK-ON)
 WFUR MI GRAND RAPIDS - 9/28 2004 o/all at s/off w/full data (except address) w/invite to tune 102.9 FM til 0100. (KG-PA)
 1580 UNID 9/28 1920-1925 fairly strong ET w/various TT, looping east. Does he need a copy of the FCC rules and reg's? (KG-PA) Sure, but they have to be found first-hil (DS)
 WVKO OH COLUMBUS - 9/14 1940-1946 fair w/disco music, promo for morning show, lost at power cut. Per verie, changes in Oct. w/substantially reduce skywave, CE anxious for reports. (BH-NJ)
 WTUG NY ADAMSVILLE - 9/30 1845 weak w/special report on sports players using coke and how one cut his nose on the can. (MUSCO-CT)

MIDNITE - MIDDAY

550 WSWA VA HARRISONBURG - 9/25 1107 fair w/WGR w/weather, ID. New day regular.(JM)
 580 WHP PA HARRISONBURG - 9/25 1100 fair w/ID, new day regular. (JM-PA)
 640 WNLB OK MOORE - 9/14 0115 good w/promo, oldies 'the new WNLB'. (JM-PA)
 800 WCHA PA CHAMBERSBURG - 9/28 0711-0738 fair o/u CKLW w/local news, sports, ads, 'Great Country Weather', CW music. (JM-PA)
 820 CHAM ON HAMILTON - 9/18 0127 fair w/CW music, jingle/ID. (MSK-ON)....Barely audible nights, about 4th best to WBAP/WAIT/HJED here. (ERC-MA)
 830 *WCCO MN MINNEAPOLIS - 9/15 0230 noted off w/TT. (JM-PA)
 860 *WAMO PA PITTSBURGH - 9/27 0045 noted on AN w/FM audio. (JM-PA)
 880 *UNID 9/27 0145 strong in WCBS null, ET w/CW music. (KG-PA)
 910 WRNL VA RICHMOND - 9/12 0104 up briefly w/ID, weather. (JM-PA)
 CKLY ON LINDSAY - 9/14 0141+ atop w/ID. (ERC-MA)
 940 *CBM PQ MONTREAL - 9/12 0145 noted on ET w/TT. (JM-PA)
 950 *UNID 9/12 0145 strong ET w/TT, looping SW, likely WQBE w/stereo TT. (JM-PA)
 1000 WHWB VT RUTLAND - 9/21 1054 thru WCMX w/American Top 40, ID. (PO-NH)
 1190 *WOMO IN FORT WAYNE - 9/18 0135 w/OC, no TT, w/CHTN noted under. (JM-PA)
 1200 WKOX MA FRAMINGHAM - 9/30 0630 sports call in show, alone on channel. (BS-NJ)
 1210 WKNX MI SAGINAW - 9/28 0800 very good in WCAU null w/Spanish program/music, into English program but no legal ID. (JM-PA)
 1260 *WNRK DE NEWARK - 10/7 0000-0150 ET w/rock music, PSA's, ID's, strong! (DS-DE)

- 1280 WPXY NY ROCHESTER - 9/10 1154 poor w/contest promo, ID, ads, weather, seems to be a regular now w/CHAM on 820. (MS-ON)
- WANS SC ANDERSON - 9/27 0121+ very good w/AM 1280 IDs, 'All Gold, All Night' w/ oldies, PSA, jingles. Appeared to be on 5000 ND but no hurricane info was noted. (JM-PA) Noted earlier that evening here. (DS)
- 1310 WQMC NJ PARISTIPPANY - 9/28 0638 up briefly w/ID into CHR music, faded. (JM-PA)
- 1320 WDER NH DERRY - 10/6 0705-0730 w/religion, station promo, in/out w/WATR. (MUSCO)
- 1330 WEAW IL EVANSTON - 9/28 0731 strong w/end of religious program, ID, phone # for requests, religious music. (JM-PA)
- *WADJ PA SOMERSET - 10/5 0143 loud on anc'd ET w/5kw w/rock music, ID's, off at 0145. Returned 0148 but much weaker. (DS-DE)
- 1380 UNID IO/1 0115 somebody here running Larry King, weak/fadey, may be WNAQ-CT, ex-WNVR. (ERC-MA)
- 1410 *KQV PA PITTSBURGH - 9/8 0200 off this AM, netted WING w/ID. (JM-PA)
- 1450 *WRJM CT POQUONOCK - 10/7 0030-0150 this local on ET w/TT, CW music, ID's, power 250 watts w/auxiliary xmtr, calls from Youngstown, Pittsburgh. (MUSCO)
- 1510 WAHT PA ANNVILLE - 9/28 0648-0710 fading badly in storm weakened WRAN null w/ Top 40 oldie, female anc't w/weather. (BH-NJ)
- 1550 WCTW IN NEW CASTLE - 9/29 0120 weak w/WCVL/Spanish. (BS-NJ) Spanish likely was WRHC, a pest here. (DS)
- WCVL IN CRAWFORDSVILLE - 9/29 0120 weak w/WCTW w/PM 104 mention. (BS-NJ)
- 1590 UNID 10/5 0157-0215 someone here w/gospel program, taking calls at 791-1590, asking 'what's the greatest gospel station in the nation' to each caller, quickie s/off at 0215 that faded. No WJSO/WAKR nulled. (DS-DE)
- *UNID 10/5 0200-0225 various pitched TT o/u WJSO/WAKR/UNID gospel. (DS-DE)

****ERRATA****

- 840 UNID 9/25 2013-2135 very good in WHAS null o/Cuban w/non stop MOR oldies, no anc'ts at all. (BH-NJ) BILL ALISAUSKAS, ANDOVER, NJ called me on this a few nights back, he was getting it also, it was very weakly noted here. (DS)

****FILM AT 11:49****

To good to wait til the April Pools issue, and it's a true story!

VIC MELIS sends along a story of a FRONT PAGE news story from the POTTSTOWN (PA) MERCURY of a 3 dog fight in front of a downtown Pottstown department store! What's one better, it had PICTURES of the 'alleged assailants' penned up at the local dog pound!

Must've been a REAL slow news day!

****OUR ASSEMBLY LINE THIS WEEK****

- JM-PA/John Malicky, Pittsburgh, PA/Superadio II, AR 158
 BS-NJ/Bob Smolarek, Whitehouse Station, NJ/R2000, Eavesdropper Antenna
 MS-ON/Morris Sorenson, Milton, ON/PV610
 MSK-ON/Morris Sorenson, Kemptville, ON/HQ150, LW, PV610
 TF-CT/Tony Fitzherbert, Fairfield, CT/
 HJH-PA/Harry Hayes, Wilkes-Barre, PA/HQ180, SM2
 PO-NH/Patrick O'Connor, Hinsdale, NH/RFG7, LW
 BH-NJ/Bob Harrison, Union, NJ/Superadio
 KG-PA/Kermit Geary, Walnutport, PA/HQ180, R389, Loop, LW
 ERC-MA/Ernest R. Cooper, Provincetown, MA/Superadio, HQ180, Loop, LW
 MUSCO-CT/Ron Musco, Poquonock, CT/HQ180, Loop, LW
 DS-DE/That's me! Superadio

Next week, we'll check the mail again for point-to-point days so you'll be able to judge how long things are taking to get here. Our deadlines are Saturday!

And that's it for just another week!

73's - Good DX!



WLQE 99 FM
 WMID 1340 AM

1625 Murray Avenue • Atlantic City, Pennsylvania



Channel 8 takes WJW call letters

One of the oldest names in the alphabet soup of Cleveland broadcasting will return to the air Monday when Channel 8 changes its name from WJKW to WJW. The change marks a return to the call letters the TV station had from 1954 until 1977, when its parent company, Storer Broadcasting, sold radio station WJW-AM/850, which

retained the name. The change is possible now because Lake Erie Broadcasting, owner of WJW, recently purchased WWWF-AM/1100, and sold WJW to Booth Broadcasting, which changed the call letters to WRMR - leaving the WJW name up for grabs.

Channel 8 wanted the letters for old times sake and because only a few stations in the country have three-letter names.

CLEVELAND PLAIN DEALER
 9/13 Gail Yeager



INTERNATIONAL DX DIGEST

Chuck Hutton, 437 Hardendorf Ave., Atlanta, GA 30307

Times are GMT For ELT subtract 5 hours. Deadline: Monday

This is it?? If I don't start to get more items, more people to send in their items, I'm gonna start filling the page with Dave Schmidt jokes! You don't want Dave Schmidt jokes printed here, do you? Need I say more?

- 535 GRENADA R. Grenada 9/23 0052-0100 1&c w/'Music with Meaning'. (DeLoz)
- 560 COLOMBIA HJPF R. Cinco Sesenta La Voz de la Pampa, Maico fair o/weak WHYIN in auroral cx w/full ID and trumpet fanfare 0103 9/23. (DeLorenzo)
- 570 CUBA R. Reloj noted with tell-tale ID's on the minute 0225 9/20. Reloj not heard here before. (Renfrew)
- 690 ANGUILLA Caribbean Beacon heard with EE preacher // 1610 0005 9/20. Very good. (Renfrew)
- 765 SENEGAL Dakar heard with music and unid talk // 4890 SW 0105-0115 9/18, then faded for good. (Renfrew)
- 774 SPAIN RNE presumed due to mx and SS anncr. No ID, but the best audio I've gotten on this one. (Renfrew)
- 783 PORTUGAL presumed, again, with PP anncr and pop music. No ID yet, but faded to very good levels at times. Gone for good by 0000 10/3. (Renfrew)
- 790 CUBA R. Reloj heard for first time on 790 0445 9/14. (Renfrew)
- 870 COLOMBIA HJSB Mar Caribe, Barranquilla 1&c o/WL w/ID and festive LA mx 0354 10/5. (DeLorenzo)
- 891 ALGIERS 9/18 2342-2346 good w/AA vocals; no domestic ORM. (DeLorenzo)
- 1330 UNITED STATES R. Vision Christiana turned out to be WNYM 0415 9/7. I briefly believed I had gotten Venezuela. (Renfrew) Just a few thousand miles short it turns out...Chuck
- 1613 GUATEMALA RAB heard for first time this season 0510 9/22. (Renfrew)

Marc DeLorenzo-Holliston, MA HQ100, phased LW's
 Jim Renfrew-Rochester NY HQ150, antenna

And thanks to the old reliables Jim and Marc.

TOP END

Craig Healy, 66 Cove Street, Pawtucket, RI 02861

1600-1800 KHz Range Times are GMT Deadline: Last Sat. of Month

October 1985....A week late due to Hurricane Gloria and a computer failure.

From Eric Thew-Ballajura-W. Australia

- 1634 ??? 1155 9/3 A373 and dash.
 1650 ??? 1245 7/2 G441 and dash.
 1662 PAPUA NEW GUINEA Kubuna 1331 9/7 KUB beacon.

G441 and A372 logged on FRG-7700, FRT7700 and wire. KUB logged with a DX400, whip antenna and a finger on the whip.

A call from Phil Sullivan brought this:

1720h DOMINICAN REPUBLIC 0045-0130 R. Clarin noted w/ mx, voice ID @ 0126.

R70 rcvr and antenna. Noted here per tip, no solid ID, Though. (ed)

Tom Farmerie is still looking for people to do some DF on selected stations. Should take just a bit of your time. Volunteers, please?? As part of the project, he is collecting fade in/out times. He is looking for the time the signal is 20 db down from nighttime strength.

That's it from here. Where is everybody??

CONTESTS

Robert Kramer, 6416 N. Richmond, Chicago, IL 60645

CONTEST STANDINGS as of 10/6/85

DXER	A	B	C	D	E	F	G
Niel Wolfish, MB	1030	834	3	0	0	1	41
William Moser, ND	687	562	3	1	2	3	--
Bruce Conti, NH	396	303	2	0	1	1	28
noncontestant							
me	1651	1636	0	0	1	1	--

Several entrants have not yet sent in their first report, thus the skimpy turnout. There is still plenty of time to join. It only costs a buck & is a lot of fun. If you are a new member & haven't seen the rules, write me & I'll send a copy to you.

RULE CHANGES

1. There is no restriction (other than the 50 mile rule) for stations 6-10 from Alaska, Hawaii and the Canadian Provinces. There are not enough daytimers or widely heard graveyarders from these areas.
2. Any clear channel station operating with less than 1000 watts at the time of reception counts as a regional channel station (and thus worth the 3 point regional bonus, plus 1 more point if it is a daytimer). This would include FSAs, FSSAs & low power stations.

Until further notice, the Canadian Clear Channel daytimers now operating fulltime will continue to count as daytimers for the purposes of this contest. At present there is little, or no, information as to which stations are taking advantage of this recent agreement, and besides the power on these is very low in most cases. Even if you hear one of these after daytime operating hours, it still will be counted as a daytimer (and as a regional also under rule change 2, since all of these operate with less than 1000 watts).

ANARC SHORTWAVE BBS GOES ON-LINE.

The ANARC Computer Information Committee in conjunction with the ANARC FRENCH Computer Corner is pleased to announce the ANARC Shortwave Bulletin Board System which went on-line September 1st. The ANARC BBS operates in the 300 baud 8 bit protocol and is accessible to computers using that protocol at 1-507-259-7923. Hours of operation are 0500-2300 UTC weekdays, 0500-1400 UTC Saturdays and 0500-1800 UTC Sundays. The ANARC BBS has available 18 public message bases as well as private E-Mail (Electronic-Mail). The public message bases include:

1. Mail Box, the main message center.
2. Help-Me, for DXers with questions and problems.
3. I'll-Help, for others to respond to Help-Me.
4. Log Report A, for loggings & DX tips, 2000-4000 kHz.
5. Log Report B, for loggings & DX tips, 4000-6199 kHz.
6. Log Report C, for loggings & DX tips, 6000-11000 kHz.
7. Log Report D, for loggings & DX tips, 11700 and above.
8. QSL Reports, latest QSL information.
9. Computer Corner, latest computer info, and tips.
10. Technical Topics, receiver reviews & other technical info.
11. Sur & Sell, all the GOOD BUYS.
12. Miscellaneous, anything SWL/DX related.

There are two special ways to communicate with the SYSTEM OPERATOR. There is a Page and Chat function which gives the SYSTEM an audible page letting him know that you are having a problem or just want to cheer-the-fat. If the SYSTEM is not available, you can leave a message in the Feedback section, a special E-Mail section for the SYSTEM OPERATOR.

The ANARC BBS has two features not found in all radio specialty bulletin board systems. The first is the ability to Upload and Download software. This section of the system uses a machine language routine written by Steve Punter called, Term.C1. It is only compatible with Commodore Computers. The software library contains public domain radio software from the ANARC Commodore collection. The second unique feature is the survey section. The ANARC BBS has the ability to ask up to 18 survey questions and tabulates answers by vote count and percentage. It also displays past survey results.

The ANARC BBS requires that you give your name as well as a password to get on-line. If you don't have a password you can still call the system. Enter your name (no space between first and last) then type 'new' instead of a password. The board will allow you to leave a message in Feedback to the SYSTEM OPERATOR. You can leave a G character password (you make this up), your name and address. Your password and name will be validated and entered into the system within 48 hours. You then will have full access to the board.

There is also an ANARC TERMINAL program available for the Commodore CB & 128. This is a simplified terminal that utilizes the same machine language routine as the BBS and issues Up/Download compatibility. It has the ANARC BBS number built in for auto dialing and also the ability to dial other boards. Look for ANARC TERMINAL in the Up/Download library of the ANARC BBS.

Address questions to:
ANARC BBS
4347 25th St. SE
Richester, WA 98064-6013

BANDSCAN

Hello again! Here is the column which asks, is this more fun than humans should be allowed!!! This week, we travel to the shores of the east coast on the Boardwalk at Spring Lake, New Jersey through the headphones of the NRC's TS(Traveling Scanner), Jim Rollins(who lists the strong-er stations first) and then went to Lake Erie and Faineville, Ohio through the ears of Doug-las Orf(who lists an "S" meter reading next to each station). Please remember, list date, time, frequency, updated calls, city, state, and equipment, thank you. Also, I welcome any scan, so send one in! Off we go.....

FREQ	(JR-NJ) Day (8/12/85)	103 total	(DO-CH) Day (1530-1840 EDT 8/21/85) 714
540	WLIX-Islip, NY		CBEF-Windsor, ON 2.5
550	WGNG-Fantucket, RI		WGR-Buffalo, NY 2.9
560	WFIL-Philadelphia		WHRD-Monroe, MI 2.4
570	WMOA-New York		WASN-Youstow, OH 3.5
580	WTAG-Worcester, MA/ WHP-Harrisburg, PA		CKWW-Windsor, ON 3.0
590	WARM-Scranton, PA/ WROW-Albany, NY		.....
600	WICG-Bridgeport, CT		WCOM-Salem, OH 2.2
610	WIP-Philadelphia		WTVN-Columbus, OH/ CATB-St. Catharines, ON
620	WBAQ-Newark, NJ		WHJB-Greensburg, PA 2.0 1.5
630	WPRO-Providence, RI		CFCC-Chatham, ON 3.0
640	.....		WHLO-Akron, OH 1.2
650	.....		.....
660	WNBC-New York		.....
670	.....		WMAQ-Chicago 1.4
680	WRKO-Boston		CFTR-Toronto 2.5
690	WADS-Ansonia, CT/ WYIS-Phoenixville, PA		.....
700	.....		WLW-Cincinnati 1.5
710	WOR-New York		CHYR-Leamington, ON 2.7
720	.....		WGN-Chicago 1.0
730	WAGC-Chicopee, MA		.....
740	WGSN-Huntington, NY/ WVCH-Chester, PA		CBT-Toronto 3.1
750	.....		.....
760	.....		WJR-Detroit 4.0
770	WABC-New York		.....
780	.....		WBBM-Chicago 0.5
790	WEAN-Providence, RI		.....
800	WTMR-Camden, NJ/ WLAD-Danbury, CT		CKLW-Windsor, ON 4.1
810	WGY-Schenectady, NY		.....
820	.....		CHAM-Hamilton, ON 2.3
830	WNYO-New York		WLND-Cortland, OH 2.5
840	WRYM-New Britain, CT		.....
850	WREF-Ridgefield, CT/ WRDH-Boston		WRMR-Cleveland 3.3
860	WTEL-Philadelphia		CJBC-Toronto 2.5
870	.....		WKAR-East Lansing, MI 1.6
880	.....		WRFD-Worthington, OH 1.2
890	.....		WLS-Chicago 0.0
900	WDWT-Philadelphia		CHML-Hamilton, ON 1.5
910	WRKL-New City, NY/WROQ-New Britain, CT		.....
920	WTTW-Trenton, NJ/ WRJJ-Providence, RI		CKNX-Wingham, ON 0.9
930	WPAT-Faterson, NJ		WSEN-Buffalo, NY 2.2
940	WINE-Brookfield, CT		WGRF-Greenville, PA 1.5
950	WFEN-Philadelphia		WJW-Detroit 2.9
960	WELI-New Haven, CT		.....
970	WWDJ-Hackensack, NJ		WFUN-Ashstaba, OH 4.2
980	WSUB-Groton, CT		CFPL-London, ON 3.0
990	WZZD-Philadelphia		.....
1000	.....		WSUM-Farma, OH 2.6
1010	WINS-New York		CFRB-Toronto 2.6
1020	.....		KDKA-Pittsburgh 1.4
1030	WBZ-Boston		.....
1040	.....		WJTB-North Ridgeville, OH 2.6
1050	WHR-New York		CHUM-Toronto 2.0
1060	KYW-Philadelphia		.....
1070	WAMB-Sterling, NJ		CHOK-Sarnia, ON 2.4
1080	WTIC-Hartford, CT		.....
1090	.....		.....
1100	WHLI-Hempstead, NY		WWWE-Cleveland 3.8
1110	.....		CKJD-Sarnia, ON 2.7
1120	.....		.....
1130	WNEW-New York		WQXI-Detroit, MI 3.0
1140	.....		.....
1150	WGNX-Middleton, CT		WCUE-Cuyahoga Falls, OH 1.8
1160	.....		.....

FREQ	(JR-NJ) Day (8/12/85)	107 total	(DC-OH) Day (8/21/85)	71 total
1170	WGRN-Lakewood, NJ		WVA-Wheeling, WV 1.5	
1180	.....		WHAM-Rochester, NY 0.9	
1190	WLIB-New York		WQNC-Fort Wayne, IN 1.3	
1200	.....		.....
1210	WCAU-Philadelphia		WGAR-Cleveland 3.5	
1220	WSCR-Hamden, CT		.....
1230	WCMC-Wildwood, NJ/ WERI-Westerly, RI		WBBW-Youngstown, OH 1.5	
1240	WGBB-Freeport, NY		.....
1250	WATR-Morristown, NJ		WBBG-Cleveland 3.5	
1260	WBUD-Trenton, NJ/ WGGN-Westport, CT		WXYZ-Detroit 2.1	
1270	.....		.....(listed CHAM here also)	
1280	WADC-New York		CJBA-London, ON 2.7	
1290	WGLI-Babylon, NY		WERE-Cleveland 3.0	
1300	WAVZ-New Haven, CT		.....
1310	WJLK-Ashbury Park, NJ		CPGM-Richmond Hill, ON 2.3	
1320	WKAP-Allentown, PA		WELM-Willoughby, OH 3.5	
1330	WFOV-New York		.....
1340	WVID-Atlantic City, NJ/ WNHG-New Haven, CT		WBLR-Akron, OH 2.1	
1350	WNLK-Norwalk, CT/ WWHH-Princeton, NJ		WNGW-Connesut, OH 2.2	
1360	WDRG-Hartford, CT		WSPD-Toledo, OH 2.4	
1370	WALA-Fatchogue, NY		WLRD-Lorain, OH 2.1	
1380	WADM-New York		WFMJ-Youngstown, OH 2.6	
1390	WRIV-Riverhead, NY		.....
1400	WSTC-Stamford, CT/ WOND-Fleasantville, NJ		CASL-London, ON 2.6	
1410	WHTG-Satontown, NJ		WERK-Cleveland, OH 2.2	
1420	WLIS-Old Saybrook, CT		.....
1430	WJNR-Newark, NJ		WRRO-Warren, OH 2.0	
1440	WNYG-Babylon, NY		.....
1450	WJIN-Atlantic City, NJ/ WOTC-New Brunswick, NJ		WCLB-Fainesville, OH 5.0	
1460	WVOK-New Rochelle, NY		.....
1470	WGAN-Allentown, PA/ WMMN-Moriden, CT		CACT-Tillsonburg, ON 2.0	
1480	WJIT-New York		WANT-Aent, OH	
1490	WGCH-Greenwich, CT/ WUSS-Atlantic City, NJ		.....
1500	WFIP-Milford, CT		WABC-Cleveland	
1510	WRAN-Dover, NJ		CEB-Windsor, ON 2.0	
1520	WTHE-Mineola, NY		WQXR-Chardon, OH 2.9	
1530	WJWZ-Bridgeport/ WJDM-Elizabeth, NJ		.....
1540	WFGZ-Philadelphia/ WADK-Newport, RI		WAKR-Akron, OH	
1550	WMLB-West Hartford, CT		.....
1560	WQXR-New York		.....
1570	WBUX-Doylestown, PA/ WHRD-Riverhead, NY		.....
1580	.....		.....
1590	WERA-Plainfield, NJ		.....
1600	WVRL-New York		.....

The contributors: (thank you Jim and Douglas)

(JR-NJ) Jim Rollins(Spring Lake, NJ), Alexandria, VA GE Superadio II(built-in antenna)

(DC-OH) Douglas E. Orf, Fainesville, OH (ICOM R-70 with RF Gain at Maximum, Stoner Dymek BIA antenna on DAS base with sensitivity at 1/3 rotation)

(JM-PA) Unknown Contributor!

PITT(er) FATTER: Don't laugh, but did you know that back in the spring of this year, Pittsburgh was voted America's Most Livable City in the U.S., it's true! KDKA even includes the phrase with their top-of-the-hour ID. I know one member likes to come here because of the "tourist-type" things! Until then, 75¢ to all!

Chicago O'Hare airport, 4.45 pm Central Daylight Time, Thursday 18th July. After a less than perfect flight in which I seemed to be surrounded by high-spirited returning vacationers, I discover that a single transit bus has thoughtfully been provided to offload the 440 passengers on our British Airways 747. Eventually I reach the immigration desk. "Business or pleasure?" asks the official. Since I have just been subjected to an ordeal at the start of the ANARC Convention weekend, I pause for thought. Then, remembering who is going to sign my expenses cheque, I reply "business" and soon arrive in the baggage claim area for another long wait. Finally, at 6. pm I leave the claustrophobic baggage hall to enter the equally claustrophobic arrivals area. "Andy..." shouts a familiar, and welcomingly friendly voice. It's Jeff White, along with George Wood of SRI and Bob Zanotti of RSI - wait a minute, that's George Wood of RSI and...well, anyway, it's good to see them. But we must hurry - Ian McFarland lands in a few minutes. Huh? I know Ian is versatile, but that's ridiculous. Oh, you mean his plane is landing in a few minutes - sorry, it's been a long flight!

Thus began my six days sojourn in the mid-west. After missing Rudy Espinal by (it seems) waiting for him at the wrong gate, we eventually all met up at the home of Mike and Suzanne Poulos, for a barbeque along with family and friends of the Radio Earth gang. Early the next day, it was off to Milwaukee and the Red Carpet Hotel. ANARCON 85 was under way. Friday was spent (at least by yours truly) in the registration and display area, meeting old friends and making new acquaintances. Time passed so quickly that suddenly it was already the formal start of the Convention, in the form of a reception sponsored by Radio Earth and Miller Publishing. The food was plentiful and the beer cold. Things were really looking good. Little did we know that ANARC's PR man Randy Erickson had something real special up his sleeve, which would cause those unfortunate enough to be still eating some discomfort!

Randy announced that he was about to do a "This Is Your Life" on someone well known to us all. But instead of wheeling on people from the victim's past, Randy used a slide projector and live script to reveal the truth about - Ian McFarland. To say that it was well done would be an understatement. Basically, it was brilliant! What Randy had done was to find a lot of photos onto which he skillfully superimposed Ian's face - as a member of a rock band, a team of tough guys from a TV series, and lots more. Randy has us rolling in the aisles - well, me, anyway because I happened to be sitting on the floor at the time. (No, I'm not saying why!). I hope this brilliant idea is repeated next year with another victim - as long as it isn't me.

Saturday saw various working sessions and a optional tour of Milwaukee. For my part, I remained in the exhibition hall most of the time because I wanted to talk to as many people as possible. I always want to talk - ask anyone who knows me! The annual banquet came in the evening, and it was good to see Clayton Howard, recently retired from HCJB, looking so fit and well. He was the guest speaker, and recounted some of the most memorable and amusing incidents of his 43-year career. Meanwhile, having discovered that wine and beer were not being provided for the banquet, an enterprising colleague at my table arranged for room service to deliver some beer - to the banquet hall. This unorthodox but effective plan earned the admiration of the others around the table, who shared in the spoils. I'm sure this had nothing to do with the fact that the gentlemen concerned is planning to run for political office!

After the banquet speech came the traditional auction. I say traditional, but in fact this was a rearrangement from the original plan. It had been intended to hold an ANARC raffle after the banquet, and a HAP auction on Sunday afternoon. Only the laws of the State of Wisconsin prevented this good idea from materializing. It seems you can hold a raffle in Wisconsin provided they know who you are - and shortwave listening doesn't seem to be universally popular amongst the State officials! Or maybe the name ANARC sounded too much like Anarchy. That would also explain

the strong police presence in the area throughout the weekend. Anarchists with radio gear are enough to get any cop in an excited state - on the other hand, maybe it was just all those beautiful girls who kept walking around the hotel in very little at all, on their way to and from the swimming pool!

Back to Saturday night, and the auction lasted until after midnight, delaying the taping of a live show by Radio Earth. Wait a minute, how can you tape a live show? That should read "in front of a live audience", except that due to the lateness of the hour most of it wasn't. In retrospect, the decision not to have wine on the banquet tables was a masterful piece of planning. The show did go ahead, and most people stayed awake. Jeff welcomed us all to the ANARC Convention in Minneapolis - and got the biggest laugh of the night. If you don't understand why, read the second paragraph again! The broadcast also featured a rare "live" appearance by the notorious - er, legendary - Shortwave Pandemonium team.

I managed to drag myself out of bed on time next morning, which was just as well because my WRTH quiz was scheduled for 9 am. The first problem arose when Ian couldn't get his quorum of three for the Canadian team, and Jim Conrad of Iowa had to be made an honorary Canadian citizen for about 45 minutes. The quiz itself went quite well, I think. It was SCDX versus SWL Digest, as both George and Ian sportingly took part. The main hassle came at the end, when my scorer announced that I had asked 57 questions! Not being able to work out who had been cheated, and with a difference of only one point in the scores, I had to make a declaration of a tie, which entails giving all six team members a copy of WRTH86 (no, sir, it isn't ready yet!). My boss refuses to speak to me now.

The International Broadcasters Forum followed, then that typically American Sunday pastime, brunch. It's funny how numbers seemed to swell suddenly at 12 o'clock. In the afternoon I had to discuss business with my colleague from New York. The first rest since my arrival in Minneapolis - sorry, Milwaukee - lasted an hour or so, then it was off to join a group of about 18 for a big, big meal in a German restaurant. That's to say, a German-style restaurant in Milwaukee, in case you wondered. The official ANARCON was now over, but not for most of us in the group. We had to work all of Monday, as Jeff White had organized a meeting for those of us who were there on expenses. Oops, I mean those of us privileged to earn our living working in the fascinating world of international broadcasting.

The content of the International Broadcasters Meeting was, by unanimous agreement, deemed to be off the record. Therefore I am not able to report much of what was said. There was much debate about whether to order more coffee, where to go for lunch, and other topics of burning importance to broadcasters. In between, a good deal of interesting ideas emerged. It was generally agreed that more cooperation to promote shortwave listening as a worthwhile activity is needed, and positive plans are already in hand to achieve this. A full working day ended with some of us visiting a pizzeria near the hotel. Then I had to wait up till midnight to do a report for Radio Australia. I persuaded Jeff White to come along and tell them about Radio Earth's latest developments. When the first question to Jeff was "what's Radio Earth?", I began to regret this, and looked for somewhere else to sleep as Jeff sat on the edge of my bed running up a big phone bill for someone down under.

There are a few memorable things about ANARCON 85 that can't go without a mention. Like the thirteen revisions of the official programme which saw the light of day before, during, and probably even after the Convention. I suspect organiser Mike Knitter has shares in a company that makes stencils! The distractions in the form of the female bathers (read into that whatever you will) resulted in some strangely constructed sentences being uttered. Not that ANARC is without its own bevy of feminine pulchritude. In fact, the girls got together to buy Ian a giant cookie, appropriately engraved in icing, to celebrate his birthday. This was presented in what can best be described as a public display of mutual affection. Circulation of this part of the account in the Montreal area is strictly prohibited.

Ian really made a big impact this year - more awards from RIB readers, plus the credit for the buzz words of this year's Convention. Hobby is a banned work now, the new phrase is "leisure activity". After all

says Ian, you don't usually call listening to domestic radio or watching TV a hobby (actually, some people do, but that would weaken the point). No, hobby isn't the right term, international broadcasting has to be given the same status as any other kind of broadcasting. So, now you know. That's Ian's hobby horse - I mean, leisure activity horse - for 1985. If you disagree with him, why not book up for ANARCON 86 because Ian's organising it in Montreal. WRTH people will be there too, celebrating our 40th anniversary. And, if it happens to be your birthday, the girls might even give you a surprise cookie. Or something.

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ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

1984 FINANCIAL STATEMENT

BEGINNING BALANCE		\$1,420.38
REVENUE		
Publication subscriptions and sales (1)	\$2,201.10	
NAP-USA reimbursements (2)	1,131.16	
ANARC club dues (3)	505.00	
Donations (4)	253.53	
1984 convention reimbursement (5)	175.28	
1984 convention surplus (6)	2,372.01	
Total	\$6,638.28	
EXPENSE		
Publication printing	\$1,864.12	
Publication postage	1,733.75	
Advertising	331.35	
Expense reimbursement (7)	1,064.27	
1985 convention advance (8)	200.00	
Certificate of deposit (9)	2,000.00	
Miscellaneous printing (10)	125.75	
Subscription refunds	16.17	
Total	\$7,335.41	
ENDING BALANCE		\$ 723.25

This is to certify that this financial statement was prepared using the cash method of accounting and that the foregoing statement is true and correct, to the best of my knowledge. Receipts and other records to support this statement are presently in my possession.

The above-stated ending balance of \$ 723.25 was on deposit in the ANARC checking account at RepublicBank-South Austin, Austin, Texas on December 31, 1984.

Richard T. Colgan
Richard T. Colgan
Executive Secretary

Notes to accompany 1984 ANARC financial statement

- (1) ANARC Newsletter, ANARC Directory, ANARC Club List
- (2) Printing and postage expenses for mailing ANARC Newsletter to members of NAP-USA
- (3) Dues assessed at \$10.00 service charge per club plus \$4.00 per 100 members
- (4) Outright donations plus contributions received for ANARC 20th anniversary QSL cards
- (5) Repayment by COXA of advance for pre-convention expenses
- (6) Revenue generated by ANARC Raffle and surplus of convention revenue over expense
- (7) Reimbursements to Jose G. Barr, Richard T. Colgan, Randy Erickson, Ralph Bowden and others for postage, office supplies, photocopying and limited telephone expenses associated with ANARC business
- (8) Advance to IBC for pre-convention expense
- (9) 90-day certificate of deposit purchased at 8.60 percent
- (10) 20th anniversary QSL cards, ANARC Raffle tickets

Alas the lowly ceramic filter. Poor stepchild to the exalted mechanical filter. Unable to cope with the narrow bandwidth needs of today's receivers. But wait. What's this? Someone leaping to their defense? Armed with thousands of dollars of specialized test equipment and computers, gifted with an uncommon flair for programming, I present my case for their defense.

Ceramic Filters

Advantages - small size and low cost

Disadvantages - relative frequency instability with temperature change

Material - ceramic compositions - lead zirconate-titanate or lead metaniobate

Manufacturing Process - mix ceramic paste with water - form into disc shape - dry discs - bake in oven - while in oven apply high voltage "poling" field to give material piezoelectric property - deposit silver electrodes on each side of disc - attach discs in a ladder arrangement - seal in metal case. Presto. You have one quality ceramic ladder filter.

One of the big problems in deciding which filter to use has been getting accurate information as to filter specification. Most ceramic filters are specified like this: 4KHz minimum at -6dB and 10KHz maximum at -60dB. What this means in the real world is that the filter will be about 5KHz wide at -6dB and about 9KHz wide at -60dB. The measured stopband attenuation of ceramic filters can also vary widely from the specifications.

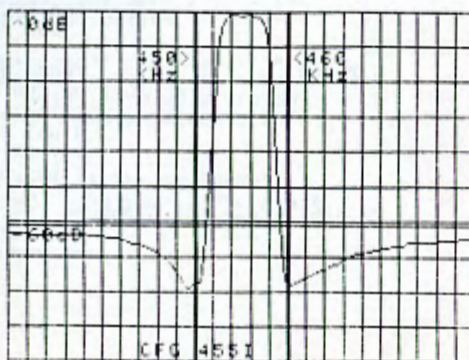
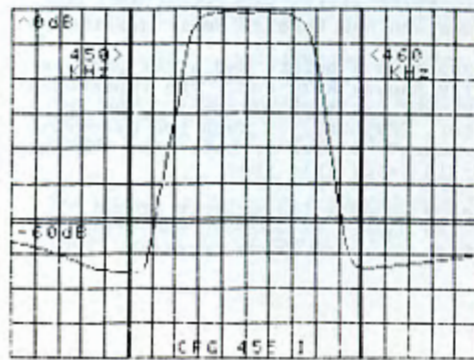
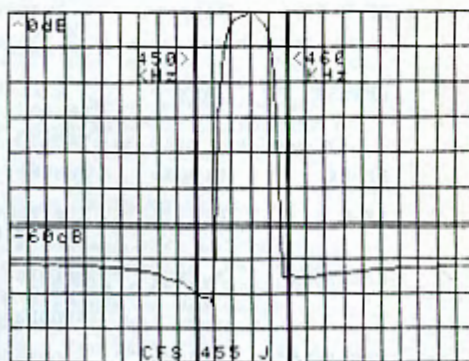
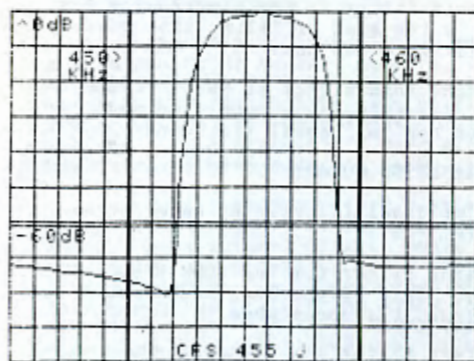
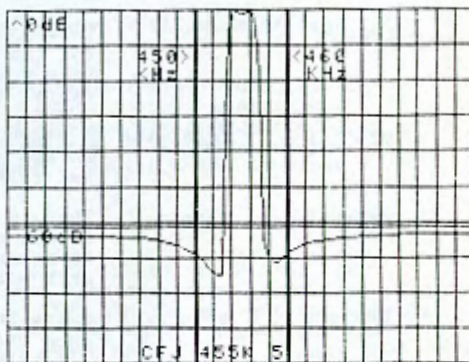
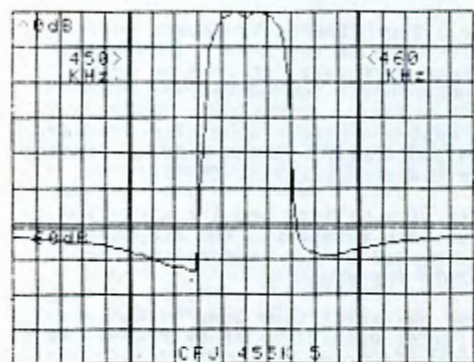
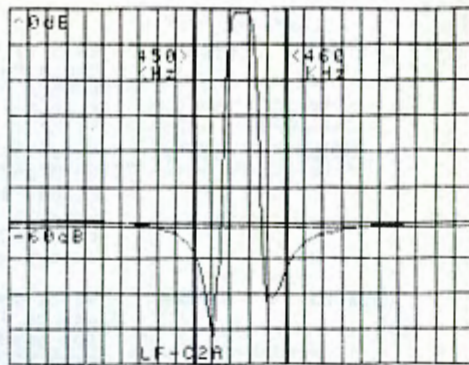
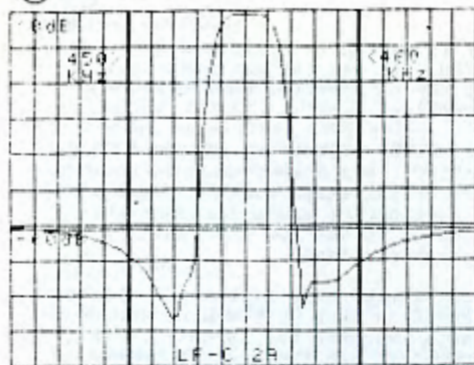
With the help of several club members, I have gathered together a good number of ceramic filters. I feel the tests that I have run will provide us with an accurate picture of the current state of the art with regards to this type of filter. I have looked for different sources of the filters. A list of suppliers is provided at the end of the article. I have also charted the case and lead dimensions and have provided case drawings.

The tests I conducted are similar to my tests of mechanical filters. The same test equipment was used. The filters were mounted on a printed circuit board. Impedances were matched to the filter characteristics. I wrote a second program that shows a wider view of the filters response. I wrote a third program that tests two filters and plots their response on one graph. The filters are listed by their response at -6 dB. This doesn't mean that they are listed best to worse. The best filter isn't necessarily the narrowest one at the -6dB point. Didn't I tell you this in my mechanical filter article? The best filter for your use will depend on your particular application.

The first graph for each filter shows their response from 445KHz to 465KHz. The graph is divided horizontally in 1KHz divisions. The graph is divided vertically in 10 dB divisions. This gives a measurement range of 100 dB. Measurements are taken and plotted every .2KHz.

The second graph show the response from 430KHz to 480KHz. The graph is divided horizontally in 2KHz divisions. The graph is divided vertically in 10 dB divisions. Measurements are taken and plotted every .4KHz.

LP-C2A	NTK	This filter is part of a Gilfers mod for a Yaesu PR-7700. It was the narrowest filter tested. It may be a better choice for SSB than AM reception.
CPJ455K5	Murata	This is the narrow filter out of the ICOM R-70 and R-71A. It's a very good performer. It has an excellent shape factor. This allows it to have better audio response than the LP-C2A while it has the same ability to reject adjacent stations.
CPS455J	Murata	Gerry Thomas carries this filter. I can see why he likes it so much. It's wide enough for good audio response but is only 7.2KHz wide at -70dB. It had the best stopband. A good choice for over all performance.
CPG455I	?	This is the filter that Gerry Thomas used for his filter mod on the R-70. It not only is a very good performer, it is also very small. A good choice for portables.
VTD-5-1	Vernitron	I bought a number of these several years ago. It has good audio response and a good stopband but is huge compared with the CPG455I.
CPS455I	Murata	This is part of a Gilfers mod for a PR-7700. It has good audio response. The stopband may have been degraded because the filter came with extenders for mounting.
VTD-3-1	Vernitron	Gerry Thomas may still have some of these. I used this filter originally in my PRG-7. It's a fairly good performer.
LP-B 6A	Nippon	I bought this filter at MHz Electronics for \$2.90. It's the kind of filter that gives ceramic filters a bad name.
CP455A	Tokin	I also bought this filter at MHz. It cost \$5.00. At least it has a good stopband. It wouldn't be bad for casual listening.
LP-B4	Nippon	Another MHz \$2.90 wonder.
LP-C 6	NTK	The PRG-7 original filter. We have two examples here.
CPW455HT	Murata	Original wide filter for the ICOM R-70. Well it is wide. This filter does have a much better stopband than it's specs show.
EPC-L455K	Panasonic	I bought this filter for \$7.00 at MHz. Panasonic does make some very good filters such as the EPC-L455K11AC or the EPC-L455K12AA. But I don't know who has them in small quantities.
G T Mod		These graphs show a before and after picture of the Gerry Thomas R-70 mod. The replacement filter, CPG455I, is much narrower. The original filter, CPW455HT, is much too wide for any DX purposes. I plan to make this mod when I buy a R-71A later this year.
CPG455I	Case not Grounded	I wanted to show the effects of not grounding the case. It worsens the stopband by about 20dB. Ground those cases!



MUSINGS

Paul Swearingen

P.O. Box 4812, Panorama City, CA 91412

The opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the Editors, Publishers, or the National Radio Club, Inc., or its subsidiaries. Times are local per Muse.

Ops! No one living outside of the continental U. S. sent a Muse this week, so we'll repeat that one at a later date. So #6 (deadline Oct. 25) will include Muses from those WRC'ers living in states on the Atlantic Coast; #7 (Nov. 1) for those living south of the Mason-Dixon line; #8 (Nov. 8) for Musers north of the famous line but east of the Mississippi river; #9 (Nov. 15) for our members situated between the Rockies and the Mighty Miss; #10 (Nov. 22) for those living in the Rocky Mountain states and on through the west coast, and our last geographic theme issue (#11, Nov. 29) will be reserved for our Canadian members. Mark your NRC calendar accordingly. By the way, 90% of all letters from the east coast take three days to get here, and from Colorado on the west, about two. A few come a day earlier, a few a day late, but by and large the USPS does a respectable job in moving the mail. And now, on with it!

David A. Klemp - 663 S. Meriden Rd. - Cheshire, CT 06610

Hi, fellow NRC'ers. This is my first Muse, so bear with me. I have been a member on and off since 1976, but just recently started taking this facet of listening seriously. The rig is an ICOM 720A and the antenna is a newly-erected 935' loop at 40 ft. I've been generally happy with this receiver, but a bit disappointed with the skirt selectivity in the AM mode. Any ideas? Filters at this particular IF frequency are a little harder to find. I've been very active on the new WARC amateur bands where a fellow with 100 watts still has a chance! The mode used is mostly CW and the call is WBAND. The loop is fed with open line in an N-S plane and is directional to those directions. Very effective on all bands through a tuner. On the PCB, very interesting things happen with the loop opening, functioning as a circular "longwire". Much QRN is reduced and a completely different set of stations can be heard. It will be interesting to see the results on a good night when the QRN is down. So far, I have been using it mostly during the day and LSS with LSS being my favorite listening times. The best results are from the DelMarVa peninsula area to RC at sunset. Because of the size of the antenna, ID's popping through a jungle is the only way to ID. Frankly, at times I'm not too patient! The main goal is to use New England, NY, NJ, PA, MD, DE, and VA as the LSS target areas. Anything clear heard will be gravy! In closing, Dakar, Senegal, is noted almost daily on 764 KHz around 1830-1930 EDT in September. Gonna have fun with this antenna! Till next month, 73. (And welcome to Musings, David! Visit us often -pls)

The Pennsylvania Expedition (Part II) (westward Ho!)

John R. Malicky - 995 Shadycrest Rd. - Pittsburgh, PA 15216

(CLI) We return Monday night, September 2. Dave and I figure which are the easiest and best (location-wise) stations to visit westward. Before I left Pgh, I listed WCCJ-1420 Coatesville and WCHE-1520 West Chester as possibilities, but these are too hard to get, so I drop them. I also figure 2 in Lancaster and one I didn't count on, WPDC-1600 Elizabethtown, that Dave figures would be worth a shot, so I make my decision for those 3 (but a surprise to WPDC, as you'll see), plus 2 in Carlisle and one in Everett, all heard and varied, except WPDC. Dave also asks about WADJ-1330 way back in Somerset (another one never heard from my locale), and one I had forgotten and never did get to see. Tuesday, September 3, after a light breakfast at the Schmidt residence, I bid Dave goodbye, put on my gloves, scarf, helmet, goggles (hi!), and take off. I go left, and Dave right. I make a clean getaway, westward ho to WLAN-1390 and WLPA-1490, Lancaster. First is WLAN, in a 4-5 story building. After explaining my reason for coming to the receptionist, I remember I didn't send any cards to any stations coming home. I show my v/l from July, '81, signed by CE Frank Altdorffer II. However, he is not there, but his father is, a very friendly host showing the AM and PM-97. Pemat is basically AdCon-ROK with the King Show at night, friendly staff, and also interest about the hobby from newsmen who once worked in Cleveland and asked which stations I varied there. I also obtained 2 city maps and mx sheets. Directions were easy for WLPA as I just left the car (enough money in meter) and walked 3 blocks south through Penn Square (city police on horseback; asked one for location of WLPA anyway). The station is also on the same side of the street as WLAN. Also in 3-4 story building. I walk in and ask for the v/s of a v/l of 4 year years ago, Technical Director Ed Monskie. I received a short and thorough tour, adding some baseball schedules to the collection. I don't know how they do it (I forgot to ask), but they carry both Phillies and Orioles games (delayed, I guess), plus high school sports, Millersville University, and 76'er basketball. Dave Schmidt tells me to get a picture of WLPA's tower, which Mr. Monskie shows me is adjacent to his station on another building. I also get WLAN's on top of their building. Next, to eighth stop, WPDC-1600. I saw the tower from 283 about one mile away. Here is where the twist begins. First, I go to what I think is the AM, but actually turns out to be WRKZ "2-107" PM, licensed to Hershey in an almost new one-level studio and offices. Since I'm here I figure I might as well tour the place. My guide, Sandy (I forget

ner last name) is the Promotions Director and is very helpful and friendly as is the staff. She explains the FM split from the AM last year, as both are under different ownership. The FM is modern c/w with a number one rating for 25-year-olds and over in the York-Lancaster-Harrisburg area. Power is 50,000 watts. They even have a large garage with a remote van, a 1940's fire engine, and a mascot, "Z-Bear"! Many pictures of c/w stars and a copy of a platinum album from the group, Alabama, "Line the Wall". I even meet a former Puh'er from WTAE-FM (WXXK), Mike McGann, SM. Sandy gave me some very interesting promo stuff, c/m, and pictures. Then the twist. My original goal was to see WFDC, an AdCon-NOR station, but as I walk about 100 yards across grass to get there, the small building is locked! Even though the door is open, the screen is locked and I can hear the music inside (probably automated). I bang on the door, but there isn't any response, so no visit! By the way, the tower is between both buildings. My ninth and tenth stops are the homes of WHYL-960 and WIOO-1000 ... (CNI).

Peter A. Nolan - 7210 Staffordshire #4 - Houston, TX 77030

Please note the new address ... hopefully this will be the last time we move, at least while we're living in Texas! Time to check in for a new DX season, most of which so far has been spent checking off all the new clear channel stations that have cropped up since I last touched the dials five months ago. Also, a lot of listening was done during Hurricane Elena; thankfully, unlike two years ago with Alicia, the Texas Coast could just listen to this storm rather than physically ride it out. Noted on emergency broadcast the morning of 9-2 were WWSU-1140 AL, WQCA-1370 FL, WSDL-1560 LA, WXXI-1190 MS, and special hurricane coverage from WBL, WQUE, and WNOE New Orleans and WDAE and WFLA Tampa. The only new station bagged was KGLA-1540 7:27 am (ELI), just about the only New Orleans area station I'd never heard. What makes it difficult is its normal Spanish-language Chicano format and the similar formats of Fort Worth, San Antonio, and innumerable Latins (and semi-local KGBC in the evenings) on the same frequency. This time, though, they were in English with emergency info for the West Bank area of suburban New Orleans. Other newly-heard stations (not including the cheapies, hi): 9-1: WRUF-850 FL 7:00 am with big band w/x, ID into NBC news as local KEYH signed on; 7:06 WHP-1570 TN with interminable local ads, news, finally an ID and country w/x; 7:22 am a station I'd been after a long time, WYXX-1550, which everyone else hears but which never seems to beam this way. There they were alone, with church news, w/x, a nice, clear ID, and gospel w/x, 1550 #17. On 9-10 got a couple more 1570's that I'd suspected but been unable to ID when WHP was heard: WCLE Cleveland TN 6:30 am with more local news and country, and under them a weak ID and commercial mentioning "Why 17" from WWSR Millen GA at 6:35. Otherwise, it's been a lazy summer. One programming note that might interest people, in the "what desperate stations won't try for ratings" department: I was in Minneapolis last week and had a nice chat with the GM of WITC-1280, which shortly thereafter switched to become Weather Radio, the world's first all-weather station. (To be fair, they're also planning to include travel and road conditions and a lot of transmitted computer data.) Why they think anyone would listen to this for more than 60 seconds at a time is beyond me (unless they're trying to ID WGBF underneath, hi.) It'll surely be peculiar listening, for however long it's on the air. The format definitely won't be a breeze; it's got a cloudy future, and will probably have a short reign (if you get my drift). Cops, forgot that Paul hates puns, hi. (Thunderation! -pls) 73's. (And thanks for the info on one of my former radio associates, Andy Barber. I thought someone would remember him -pls)

Stan Morss - RFD 2 - Boxford, MA 01921

New mailing address - post office changed office of service; I didn't move. First new logging of season, WCHP-760 Champlain, NY "Inspirational Radio" all paid religion, a daytime regular, weak but steady at 180 miles. First verie of new season, WEXX-1150, ex-WHVE-WAOQ-WSSY-WOOP; report to Clarendon St. address returned by P. O., so I sent it c/o sister station WNUX and verie right back, so use Stuart St. address when reporting. WXXK on 1200 and strong days only. Other clear channel grants not heard as yet, and WOTW-900 Nashua was still off the last time I tried. New season starts with me needing 2 "on-air" stations in MA, WACM and WKPE. WKPE reported but no reply, plus 4 CP's. Balance of New England: I need 5 in CT plus WFRP who didn't answer on DX test, one each in VT and RI, 2 in NH, and 2 in Maine. This includes CP's not on air. Local Rock WJLH now c/w with rock moved to WSSH-FM. Modern country except for Sun. nights - older c/w 6-12 Sunday PM's even going back to Vernon Dalhart and Carson Robison. P. S.: I have quite a few NRC Spanish report forms. If anyone wants some, let me know how many; first come, first served.

Karl V. Jeter - 2115 Scarborough Road - Stone Mountain, GA 30088

It's hard to believe that the DX season is upon us once again, even harder to believe how long it's been since I last Mused! Although the dials were twisted around here during the summer, not much worth mentioning was heard. The arrival of Hurricane Elena to the Gulf Coast, however, got me going again, and quite a few stations on with emergency broadcasts were heard, although only one was new for the logbook. More on this to follow. No travelling done this summer, although Linda and Kevin went to Barbados for a few weeks. I didn't go due to money limitations. She managed to get a friend to record some airchecks of the locals, though, and I have 45 min. uncoped of each: VOB-790, CBC-900, and the FM's, Liberty Radio 98.1 and BBS-90.7. If anyone would like copies, just write and send a C-90. Much of my summer was spent building a deck out back which is now finished and being

enjoyed by us all. Now, on to the events of the morning of 9-2, when Hurricane Elena was wreaking havoc in the Gulf: On 1590, WJMN Atmore AL was on 12:45 with shelter info and weather info, including their expecting 15 inches of rain as well as simultaneous hurricane, tornado, and flash-flood warnings. The only newie was WRBE-1440 Iuceda, MS on with c/w w/x, weather info, and even an ad for an auto supply place (illegal, no?) between 12:55-1:05 am. The announc. sent. that they'd stay on unless the power went off, due to lack of aux. power supply. WABE-1480 Mobile at 1:13 am touting "Your Primary Station for Emergency Info"; WQCA-1370 Pensacola, FL with report on emergency preparedness 1:20; WJWV-1320 Piquette, MS 0125 with power co. info and c/w; WJSS-1050 Crestview, FL 1:35 am with gospel w/x; tent. on WQK-1000 Bluntstown, FL, weak u/WCFI 1:30 am; WNOE New Orleans blasting in 2:10 am sent. running full power and simulcasting with FM all night; WBCA-1110 Bay Minette, AL strong with local damage reports 2:44 am; WWSG-1140 Atmore, AL with a couple of guys discussing odds of the storm's landfall at various locations 2:55 am. Quite a morning, hi! Got a mystery that maybe someone can help with; on the morning of 9-17, I rd a station s/cn at 7:01 am with a long, choral SSB, then the announc. "This is WURD, your Christian alternative for the Unifour (?) ... " then into gospel w/x. I can't find this call listed, and have checked all the AFS's and other info, but can't find this call. Any help would be appreciated! (What frequency, Karl? -pls) Chuck (Mr. IDXD) Hutton and I are planning another leverage expedition to rural east AL, soon. Can't wait! 73's and good DX.

Radio Roundup

Pete Kemp - P. O. Box 73 - Bethel, CT 06801

Greetings, all ... CBS has begun paring down the size of their news staff by 125. Among those individuals named: Larry Pintak, Lark McCarthy, Liz Trotta, and Mitchell Krause, all seasoned vets who should be able to find a new home. Dallas Townsend and Neil Strawser took early retirement. In the wake of these layoffs a hot rumor about concerns the possibility of Charles Osgood jumping ship to ABC. CBS wouldn't want to make the mistake of letting him go ... WYAT, New Orleans, is now operating 24 hours a day ... Also in Jazz City, the Larry King Show has moved from WJWV to WJTX ... Indianapolis c/w fans will have to switch from WIRE, as they have been reformatted to Adult Contemporary music and a heavy sports emphasis ... WCBM in Baltimore has dropped its all-news programming, and twenty employees in the process, in favor of a music fare ... KGLI in LA has filed suit against the Clippers for breach of contract. They had agreed to a contract last summer, but then pulled out. KGLI contends that it has lost a lot of money in promotion and related costs. They also filed for an injunction against any other station to carry their games ... WGAN, Portland, has decided to de-emphasize music in the morning to concentrate more on talk and news ... WHIO, in Akron, has upped its power from 1,000 to 5,000 watts ... Despite Mutual Radio's sale from Amway to Westwood One ownership, no changes are planned for the Larry King Show ... The Spanish Radio Council has begun a campaign to encourage Hispanics to cooperate in radio audience surveys, thus improving their economic impact in the market place ... The country of India has announced plans to build 150 radio stations in their country during the 1986-1990 time frame. This will make India 97% covered by radio. They currently have 90% access with 88 stations ... WEEI has made plans to carry the Larry King Show in the midnight to 5:00 am time slot ... The CHUM group in Canada has added CROGM to its holdings ... WIND, in Chicago, has been sold by Westinghouse. The new owners will convert the station to a Spanish language format by the end of the year ... WLEB, in Richmond, VA, is taking down 2 of its 4 towers. It does not expect any big changes to its radiation pattern. All subject to FCC approval. WENZ has switched from an automated format to live announcers ... The ARB's are out in Cleveland. The AM's line up as follows: WBBG, WRMR (ex-WJW), WERE, WWGE (no longer on the air), WRK, WJMQ, WABQ, WGAR. While I am on the subject of Cleveland, the memory of the man who coined the phrase "rock 'n' roll", Alan Freed, still lives on in that city. The Rock 'n' Roll Foundation is considering Cleveland as a spot for the Rock 'n' Roll Hall of Fame. A Foundation spokesperson, Susan Evans, reports that sentiment is running high from Clevelanders. Alan Freed was on WJW during the early 1950's ... Recent tragic events from Mexico City were relayed over amateur radio to the world. One amateur was retransmitting a local radio station's information/news reports on twenty meters, on the hour. These "actualities" were picked up in the United States (in Spanish), translated, and used on commercial stations. Under a change in the FCC regulations, promulgated after the Grenada incident, radio/TV stations are allowed to rebroadcast these transmissions, as long as they are not a party to them. In other words, listening in on these amateur transmissions and relaying them to their listening/viewing audiences is no longer a violation of the Secrecy of Communications Act. Broadcasters may NOT participate in these transmissions, such as asking questions, in effect using amateur radio to gather news directly, which would be in violation of the business/amateur relationship rules, Part 97. So much for now.

Guy Rudlemeyer - 1320 City View #1 - Eugene, OR 97402

A few notes from out here on the left coast: Recently, I was on a 2-week vacation in Alaska. Spent time visiting friends in Fairbanks and Anchorage but didn't do much DX'ing, much to my chagrin. My friend who lives in Fairbanks and sells structural

steel out of Eugene kept me busy with business trips to Prudhoe Bay and also with moose and grizzly hunting. (We didn't shoot any of either.) My friend who lives in Anchorage kept me busy touring the University of Alaska campus since she is studying nursing there and also filled up my evenings showing me the bright lights of the big city. Late nights were spent drinking beer and watching Carson and Letterman while waiting for the Northern Lights to show up. (A poor excuse for not DX'ing, hi! -pls) All in all a very enjoyable trip. A couple of radio things noted on my trip: 1. At Denali (Mt. McKinley National Park), there is a sign at the entrance stating to turn your car radio to 1610 for park and weather info. The weekend I was there (September 7), this TIS seemed not to be operating. I cornered a cutie-pie Park employee and began to quiz her about it, but she seemed to be oblivious to its existence and couldn't offer any reasons as to why it was off the air. Perhaps it was just the end of the tourist season, so they pulled the plug on it for that reason. (She couldn't even give me the name or title of someone I could talk to so I could at least get the call letters.) 2. Before airline deregulation, didn't there used to be some sort of regulation against a passenger operating a radio receiver aboard a commercial aircraft? Seems I can recall reading a list of passenger do's and don'ts on one of the back pages of the airline's magazines, and it specifically pointed this out as a no-no no matter which airline you flew. I couldn't find anything to that effect in any aircraft I flew on this time, so I pulled out my Aiwa HR-S05 FM stereo headphone radio and listened while in the air. It is amazing how well FM signals can penetrate the metal skin of the aircraft. Granted, you couldn't hear the signals more than 15 minutes or so away from the city you flew over, but a new station from another town would always fade in to take its place. All the stewardesses saw me rocking out to "Money For Nothing" on a short 40-minute hop from Seattle to Portland while none of the other passengers had headphones, yet no one said anything to me, so maybe it is "legal" now. I only wish I could have used my TRF! Maybe someone can try it sometime. (I hope not, Guy; emanations from your radio can screw up transmissions in the aircraft band, just above the FM band. Those stews weren't paying attention; it's still dangerous -pls)

William C. Moser - Box 245 - Wishek, ND 58495

Thanks, Jim Hilliker, for your tip in issue #30 about KUYO. The next morning after reading it, I checked 830 at 7:03 am, CDF, and found Mutual news about equal to WCCO. Wx and Christian mx followed on "gospel radio KUYO". A phone call to (307) 577-5896 got a mailing address of P. O. Box 90395 - Casper, WY 82609. A form letter verifying my reception of KBUF-1030 arrived in today's mail. The C. E.'s signature is illegible. But he says: "We started testing on the night pattern and power Sept. 16. We anticipate increasing our broadcast day from its current 6 am-12 pm schedule to full 24-hour operation in the near future." The form portion says KBUF has 25 kw days and 1 kw nights. A coverage map on the letter for day operation indicates nulling to the east, and greatest distance to the north, south, and west. FM DX'ing has been better in September than usual, with temperature inversions allowing reception of stations as far away as Topeka, KS. The best promo items ever received from any AM or FM station came in the mail this month. They were a belt buckle from KTPK (FM) in Topeka, KS and a coffee mug and candy jar from KZZL (FM) in Le Mars, IA. Much more practical than bumper stickers, hi! I bought a Micronta programmable clock/timer from Radio Shack for taping f/c's and DX test while I snooze. At the ripe old age of 47, early morning listening sessions are getting harder on the bod. Speaking of bodies, a McDonald ad in the Bismarck Tribune says "People: our most important ingredient." Now we know where Big Macs come from! 73's from Dakota Territory. (Your jokes are worse than mine, William! -pls)

Patrick O'Connor, WDKD - Plain Road - Hinsdale, NH 03451

The arrival of September (and very soon, October) has helped the BCX DX. A busy month so far here. First new catch was on Sept. 7 with WERE-OH coming in, with a rather choppy but audible signal. Sept. 10 saw WKUM-ME in with a nice PD s/off. Sunset Sept. 17 saw WABS-VA making it in with good copy, despite rather heavy fading. This was followed by CPNB-NB on 550 with a good signal, despite the unknown electrical noise that usually bothers 550 around here. Then up to 910, where WABI-ME was coming in over WRQC-CT; then to 920 where a sign-off from WGHQ-NY was wiping out WLUJ-RI. The next eve started with a solid logging of WBRW-NJ, with WJCC/WKPE (both MA) off for the night. A check at 1230 caught an ID and weather report from WQVY-ME, but too poor for a report. Last catch that day was KBKC-NB, poor with interference from WDRG-CT. The next day caught WSKR-PA coming in, but a hard logging due to co-channel splatter from blockbuster WBB-MA. On 1120, the noise died out long enough for WOST-DC to be ID'ed. 1220 then and the sign-off of WSCR-CT. This frequency is a bugaboo with me, as I've logged 6 stations here (WSCR/WEME-ME/WKKB-NH/WGNY-NY/WENC-NC/WRIE-RI) with a single QSL! Next up was 1240, where a partial ID, WS-- , and mention of Montpelier, VT nailed WSKI-VT. A morning session saw only one new one in, WEMB-VT over WCNM-PA, with a solid ID. Last logging of the peiod was WKUJ-ME that eve (at 1901); the verie indicated that they should have signed off at 1900! In his recent Muse, Bruce Cpti noted that a 30-mile distance makes for a good difference in loggings. Part of the reason also is the geography here; a solid granite hill about 200 feet high is less than 400 yards from the house; this make reception from the east rather

hard. It makes the prospect of TA loggings a near-impossibility, so I'm happily working domestics. So, until next time, may all your DX be good. 73. (And may your excellent series on the radio spectrum in **Monitoring Times**, "Who's On First", continue. I've found it very valuable -pls)

Steve Francis - 1620 Lodge Street - Alcoa, TN 37701

Hi, all. DX since last spring includes the new WWRV-770 VA, weak but in the clear at 6 am EST s/on 4-17, quickly covered by WLWL/WAIS s/ons. WYMB-1410 SC readable at 6 am s/on 4-19. SM 4-29 brought WIRA-1400 FL topping the din with legal ID at 5:00 EDT. AT 11:01 pm 5-26, WSGC-1400 GA was heard with full-data s/off by GM for WSGC and WWRK (FM), to return at 6:00. Local WQGM-1120 TN heard for the first time with ET-TT 8:15-8:45 pm Sunday 6-16. RS began the next morning - it felt strange working at a station that wasn't even in my DX log 24 hours earlier! The new WGPC-1030 VA was l6c at its 8:45 s/off on 7-16. WSGI-1190 TN was good in WOWO null with s/off at 9:00 7-28. WDXL-1490 TN, now an AN'er, was readable with Star Station stuff and legal ID at 2 am on 8-24. WBCE-1200 KY was weak but clear at 8:43 pm 8-25 at s/off, never heard here when on 1010. Grab this one before 1200 starts filling up. A surprise 9-10 in long-wanted WNIS-1350 VA, topping that channel at 8 pm with legal ID by woman, then NBC news. They vanished a few seconds into the news, so evidently a 45-minute-late pattern change. MM 9-16: WQKY-1360 TN fair in WANK null with full-data s/off at 1:00, no anthem. My best SSS week quantity-wise in years began 9-23 with WQIS-890 MS (ex-1260), fair u/WLS 7:50 pm with Urban Contemporary music prior to quickie 8:00 s/off. One of Paul's former employers (several call changes ago, hi) gave me one lovely shock that evening. The conclusion of a religious program with a California mailing address caught my ear at 8:29 on 1380; sticking with it, I was amazed to hear an ID for KCMW, Fairway, KS, followed by full-data s/off, to return at 6 am local time. They were topping everything else on 1380! (That IS a surprise, hi -pls) They gave power as 2500 watts; SRDS concurs but doesn't specify anything about directionality or lack of it. Since their CP was to go from U4 5000/500 to D3 5000 (presumably just dropping their night operation), I'm assuming they're now non-directional. (I don't think so, Steve, as another of my ex-employers, KIKS-1370, would raise holy Ned, as they're only about 100 miles away and were quite unhappy in the '60's about interference from then-KUDL-1380 -pls) #40 here on 1380; only the third regional, after 1590 and 1600, that I've been that lucky with. Also, #20 here from the "Oz State". 9-25: The new WQKY-720 GA strong with Black pop and a DJ named "Brenda"; her s/off at 7:44 mentions "Urban Dance 720" and "North GA's most powerful AM station". WBIU-1210 IA (ex-1220) doing well in WCAU null 8:05-8:12 pm with modern country, many "Bayou" mentions, and CNN headlines at 8:10. Odd that both the 1220 Louisianians have moved elsewhere, what with KBCL Shreveport now on 1070. 9-27: A mystery. WQCR-720 just audible in bits and pieces u/WQXY with c&w and a 7:40 pm s/off giving these calls three times and what I'm 90% sure was "owned and operated by (unreadable) of Brevard, NC". Also said it would return at 7:15 am. There's a no-calls-yet CP for Brevard on 1180; maybe it changed to 720? Non-stop 70's AOR from 8:02 to 8:18 fading in and out with WBBM proved to be the new WYAI-780 MS, with quick simple-data s/off at 8:18. That's it for now, 73's.

Danbury, Conn. 06810, Friday, August 2, 1985

THE NEWS - TIMES



Shuttle astronaut Tony England last night sent a video picture over an amateur radio band and beamed a signal continuously as Challenger flew over the United States.



Bethel 'hams' see space man

By Lisa Stora
News-Times staff

BETHEL — There was some celebrating at Bethel Middle School last night when ham radio enthusiasts twice established visual contact with an astronaut on the space shuttle Challenger on separate passes.

"We scored a hit!" reported a happy Peter Kemp, the amateur radio club's adviser, the first time around. Later, he called the News-Times again to report a second score. He said Challenger made two passes over the east coast at 5:43 p.m. and then again at 7:18 p.m., and each time transmitted a special, slow-scan video image of astronaut Tony England on the shuttle's controls.

"The second one was a stronger signal. We were really able to make it out better," said Kemp, adding that the 16 or so students keeping a vigil at the school were "very ecstatic."

Kemp said that because the signals they have been receiving are so strong, he is confident that the group may be able to establish video contact with the astronaut sometime today.

The group was selected by the National Aeronautics and Space Administration as one of about 100 schools nationwide to participate in the radio experiments.

Last night's first transmission was slow coming in and students thought they lost it when England tried to send a color image. The school's equipment only handles black and white.

But when England sent the signals in black and white, the slow-scan television was able to pick up a "flicker" image of England's face.

Members videotaped the sessions so they can "prove that we did it," Kemp said.

Challenger is scheduled for several other passes over the area during the rest of this week's mission, and Kemp said that if the strength of the signals remains as strong, people with programmable scanners may be able to pick up some Morse code transmissions by keying in the 148.35 frequency.

He said passes of several minutes each are scheduled for this afternoon and evening at 2:44, 6:16, 5:31, 7:27, 8:01 and 10:36.