



DX NEWS

*the magazine of the
National Radio Club*

SINCE 1933

VOLUME 52 ISSUE 30 September 22, 1985

Well, another Volume done and another Convention completed. Problem with the Convention that I've noticed is that there just doesn't seem to be enough time to get everything done that one would like. I had a very enjoyable time, my hat off to Craig Healy for the good time. Even the official NRC part of the weekend, namely Saturday night was enjoyable too!.... Onto business....

Where will the next Convention be held? Somewhere in Delaware. More information will be provided when we get close to the date. Stay tuned. Oh yeah...start saving your nickels and dimes for next year!

Those of you that ordered the following two booklets, please be advised that they will be shipped within the next 30-45 days. We're getting them reprinted and they will be shipped ASAP. The two booklets are: Antenna Reference Vol. 1, Receiver Reference Vol. 2.

IDXD last issues column appears on p.14, and this issues column starts on p.23

BANDSCAN column is back with John Malicky as your new editor. Send your daytime scans to him at: 995 Shadycrest Road, Pittsburgh, PA 15216 Also let us know if the type size is alright with you.

DX Audio Service One of the better programs, I think, was the "WLS Profile" which was on the April 85 tape. If you'd like to hear it for yourself, send \$3.00, made out to "NRC" to: DX Audio Service, Fred Vobbe, 706 McKenzie Avenue, Lima, OH 45805.

NRC PUBLICATIONS CATALOG We still get alot of mail here asking about reprints, books, an other NRC products. 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.

COLUMN EDITORS TAKE NOTE:

Below is the schedule for the upcoming 53rd volume of DX NEWS:

Issue	Masthead Date	Pub Session Date	Issue	Masthead Date	Pub Session Date
1	October 7	September 29	16	January 27	January 19
2	October 14	October 6	17	February 3	January 26
3	October 21	October 13	18	February 10	February 2
4	October 28	October 20	19	February 17	February 9
5	November 4	October 27	20	February 24	February 16
6	November 11	November 3	21	March 3	February 23
7	November 18	November 10	22	March 10	March 2
8	November 25	November 17	23	March 17	March 9
9	December 2	November 24	24	March 31	March 16
10	December 9	December 1	25	April 14	April 6
11	December 16	December 8	26	May 5	April 27
12	December 30	December 15	27	June 9	June 1
13	January 6	December 29	28	July 14	July 6
14	January 13	January 5	29	August 18	August 10
15	January 20	January 12	30	September 22	September 14

LOOK INSIDE:

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

AM SWITCH

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

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
630 KZJO UT Sandy	KTKK	1220 KZIM MO Cape Girardeau	KGIR
730 KRVC OR Medford	KBOY	1250 WNDW PA York	WOBG
KSVN UT Ogden	KXEQ	1290 WIIZ NC Jacksonville	WOPY
830 *New CA Orange	KSRT	1290 KLOQ OR Lake Oswego	KMJK
860 WJZX FL Cocoa	WCKS	1300 WKLL SC Aikens	WJF
960 KGIR MO Cape Girardeau	KZIM	1320 KEZL CA Oceanside	KNNC
990 WH00 FL Orlando	WLTO	KQDQ OR Eugene	KZAM
1010 WABZ NC Albermarle	WVWX*	1340 KCNN OK Oklahoma City	KXXY
1030 *New MI Sterling Hts.	WWRM	1360 KZUM CA Modesto	KFIV
*New NC Mint Hill	WCQR	WSAI OH Cincinnati	WVWK
1040 *New WV Green Valley	WAMN	1370 KCEZ MT Butte	KXLT
1090 KLSZ CO Aurora	KLSC	WALK NY Patchogue	WMGG
1090 *New FL Port Charlotte	WKII	1410 WYLQ TN Kingston	WBBX
1110 KPAL LA Pineville	KKLC	1440 WSSL SC Greenville	WGSL
1140 WLNT TN Loudon	WL0D	1460 KDON CA Salinas	KLC2
1160 *New AL Mobile	WKWA	1470 KCMY TX San Marcos	KSP1
1180 *New RI Hope Valley	WJFJ	1540 KZRK AR Ozark	KDYN
1190 WREM FL Pine Castle	WWLD	1550 WSHN MI Fremont	WMIV
WBDY VA Bluefield	WCBV	1580 *New CA Windsor	KQPL
1200 *New TN Mount Carmel	WRVX		

*Oceanside, CA call change on 1320 is correction of last issue when we swapped the old and new calls. Above is correct. Albermarle, NC change on 1010 has been in effect for some time but slipped through the cracks somewhere along the way. We found it while updating other information, quite by accident.

APPLICATIONS FOR NEW STATIONS

550 NV Sun Valley: 5000 D3
700 CA Soledad: 500/1000 U5
740 WA Auburn: 25000/1000 U4
850 OR Waldport: 250 D1 (reapplication)
880 MO Wentzville: 5000/500 U4 (mutually exclusive with the WINU-1510 application to move to 880 kHz)
890 CO Stratmoor: 10000/1000 U4
MA Dalton: 1000 D3
MA Dedham: 25000/1000 (2500 CH) U4
MA Sheldonville: 250 D1
NM Bernalillo: 10000/1000 U4
NY Fayetteville: 250 D3
NY Solvay: 500 D3
PA Bethel Park: 2500 D3
PA Nicholson: 10000 D3
PA Shichshinny: 2500 D1
TX Anthony: 10000/1000 U5
VA Falmouth: 10000 (2500 CH) D3
VA Stafford: 1500 D3
VA Surry: 25000 D3
1040 NJ Flemington: 5000/1000 U4
1160 MA Easthampton: 2500 D1
1460 HI Maunawili: 5000/5000 U1
1520 MO Camdenton: 2500 (600 CH) D3 (reapplication)

GRANTS FOR NEW STATIONS

660 ND Williston: 5000/5000 U4
800 TX Laneville: 500 D3
840 MD Denton: 1000 D3*
VA Earlsyville: 10000 D3*
VA Purcellville: 250 D3*
930 AK Unalakleet: 2500/2500 U1
990 WI Mayville: 250 D3
1200 TN Mount Carmel: 10000/250 U4
1340 GA Mountain City: 1000/1000 U1
1440 OH Ontario: 1000 D3
1460 FL Lake Mary: 5000/1000 U4
1500 WA Tumwater: 500 D1
1600 AR Bellefonte: 500 D1

*The FCC had initially granted a new station in Annandale, VA and, in the process, denied the mutually exclusive applications for Denton, Earlsyville

and Purcellville. The denied applicants requested a hearing before the FCC Review Board and convinced them that it was better to have three new stations in underserved areas rather than another one in suburban Washington. The Annandale, VA 840 grant is reversed and should be removed from your Log.

APPLICATIONS FROM EXISTING FACILITIES

770 WYRV VA Cedar Bluff: power to 5000
830 WADU LA Norco: power to 5000/750 U1
900 WKJK NC Granite Falls: to 890 kHz 10000 (6000 CH) D1
910 WKEQ KY Burnside: power to 430 watts
950 KKIC ID Boise: relocate daytime XR
1000 KXRB SD Sioux Falls: add 1500 watts night
1040 WHBO FL Pinellas Park: reduce power of night CP to 500 watts
1050 KLPL LA Lake Providence: power to 190 D1
1070 WAPI AL Birmingham: night power to 10000
1090 KLWJ OR Umatilla: to 1100 kHz 10000/1000 U2
WGOC TN Kingsport: power to 10000 (1000 CH) D1
1160 WCCS PA Homer City: day power to 5000
1200 WFLZ FL Thonotosassa: relocate XR of new station, not on air yet
1220 WSFT GA Thomaston: power to 1000
1310 WTTL KY Madisonville: power to 2500
1330 KLBS CA Los Banos: add 5000 watts night, mode to U2
1340 WKSX PA Jamestown: night power to 1000
1360 KUIK OR Hillsboro: day power to 5000
1390 KBXT MN Duluth: to 1490 kHz 1000/1000 U1
1400 KRUN TX Ballinger: mode to SH 1
1440 KXAM TX Helotes: power to 1000 D1, relocate to San Antonio, TX
1480 WSDS MI Ypsilanti: power to 3800 D3
1500 WIXR SC Mount Pleasant: to 1480 kHz 1000 D1
1520 WCSP MS Crystal Springs: to 590 kHz 500 D1
1560 WKIQ FL Inverness: increase power of night CP to 2500
WHEZ MI Portage: power to 5000
1580 WSKT TN Knoxville: to 1180 kHz 1000 D1
1600 KXEW AZ South Tucson: day power to 2500

GRANTS TO EXISTING FACILITIES

540 WGTO FL Cypress Gardens: night power to 5000, mode to U4
650 WGNZ FL Titusville: change City-of-License to Christmas, FL
660 KGDP CA Santa Ynez: relocate XR, change City-of-License to Orcutt, CA
800 KFRZ UT Brigham City: power to 1000, relocate XR
850 WQKA NY Penn Yan: changes in antenna system, mode to D1
890 WLS IL Chicago: replace auxiliary antenna
910 KVVQ CA Hesperia: relocate XR (new station, not on yet)
970 KBBK ID Rupert: relocate XR
1010 WBIX FL Jacksonville Beach: 10000/10000 U4
1110 KBND OR Bend: CH power to 12500
1160 WFSN MI Fenton: relocate XR (new station, not on yet)
1210 WGSF TN Arlington: relocate XR, changes in antenna system (new, not on)
1230 KIFW AK Sitka: 1000/1000 U1
WXCO WI Wausau: changes in antenna system
1270 WNOG FL Naples: night power to 2500
1340 KWXY CA Cathedral City: night power to 1000
1360 KRVV CO Vail: to 610 kHz 5000 D1
1390 KKDV CA Fields Landing: relocate XR (new, not on)
1400 KBBO WA Yakima: raise day power to 5000, reduce night power to 500
1400 KRUN TX Ballinger: mode to SH1
KKNX TX Huntsville: power to 1000/1000 U1
1480 KAAR WA Vancouver: reduce day power to 1000 (we find this a bit odd since we show their day power as 1000 already)
1530 WCEG MA Middleborough: relocate XR, power to 500 D1
1550 WARD PA Pittston: relocate XR for CP on this frequency, still on 1540
1570 KLLA LA Leesville: changes in antenna system
1590 KSRN NV Sun Valley: power to 5000 D1, relocate XR

OTHERNESS:

660 WM00 AL Fairhope: station has moved here from 1550 kHz Mobile, AL
670 KPUA HI Hilo: while still on 970, this station has been testing it's CP on this frequency
680 *App KY Newburg: application for new station returned
*App KY Okolona: application for new station returned
700 *App MD College Park: application for new station returned
710 KMMO MT Ennis: CP for new station expired, FCC denied further extension, thus explaining the new application for Ennis listed in the last issue.

720 *App FL Dover: application for new station returned
 *App WA Long Beach: application for new station returned
 750 *CP* ND Pembina: FCC has removed this CP from the inventory, scratch
 750 KAMA TX El Paso: new station is on the air, Spanish programming
 770 WEW MO St. Louis: application for power increase returned
 790 KXTC CA Clovis/Fresno: has been silent, should be back on with CP for fulltime by the time this reaches you
 810 *App TX Lacoste: recently listed as a "CP" is still only application
 830 KNCO CA Grass Valley: this call is correct, typo'd as KNCK last issue
 840 *New VA Annandale: FCC reversed initial grant, see Grants/New Stations
 *App WI Seymour: application for new station DISMISSED
 860 WAEC GA Atlanta: application to move to Mableton, GA DISMISSED
 870 *App CA Pismo Beach: application for new station returned
 *App IL Sadorus: application for new station DISMISSED
 890 KPTO CA Citrus Heights: claims they will be on "in about six months"
 *App CA Rosamond: application for new station returned
 WYAI MS Ridgeland: since it's grant the FCC has listed this station on 890 kHz. Wrong! In cross checking some information in the Broadcasting Yearbook we come to find that this station is actually on 780 kHz 5000 D1. Make this change in your Log. A call to the station confirms this information as well as the news that the station is now on the air.

900 WOTW NH Nashua: station is silent
 930 WBYG IL Sandwich: target date is "fall 1985"
 950 "CP" AK Juneau: listed "CP" in Log is actually an application only
 960 WGRR AL Pritchard: granted new CP to replace expired permit
 1000 *App NE Culbertson: application for new station returned
 1010 KCMJ CA Palm Springs: gives "mid-August" as target date for move to 1140 kHz so may be on by now

1040 WHBO FL Pinellas Park: requests extension of fulltime CP
 1060 *App OK Mustang: application for new station returned
 1100 WUBS IL Harrisburg: requests extension of CP time
 1120 *App TX Bridge City: application for new station returned
 1130 KLBK AZ Prescott Valley: requests extension of CP time
 KBMR ND Bismarck: requests extension of CP for power increase
 1140 "CP" AL Childersburg: listed as "CP" in Log, is actually application
 1170 *App DE Laurel: application for new station returned
 1180 WJF RI Hope Valley: your editor was in Hope Valley last week and noted that the tower for this new station is up already, look for testing soon

1190 WSML NC Graham: application to move to 1200 kHz DISMISSED
 1200 WKOX MA Framingham: is now operating on this frequency with the old 1190 facility, still daytime, until the higher power and U2 directional facilities are built

1210 WBIU LA Denham Springs: is now operating here, ex-1220 kHz
 1240 WYAM MS Marion: formerly silent, is back with A/C format
 1240 "WYSO" OH Yellow Springs: If you have the 1985 Broadcasting Yearbook you'll find this station listed as being on 1240 kHz. Actually they are an FM station and this is another Broadcasting error.

1250 KLLK CA Willits: new station is on the air with A/C format
 1290 *App TX Kerrville: application for new station returned again
 1330 WEBY FL Milton: is correct call, typo'd last issue as WEBT
 WENA PR Penuelas: application for power increase returned
 1360 KEYZ ND Williston: application to move to 660 kHz DISMISSED in same action granting new station on 660 in Williston

KBUK TX Baytown: formerly silent, is back on with same C/W format
 1410 *App NM Los Ranchos de Albuquerque: application for new station returned
 1420 WFLT MI Flint: FCC issued new CP to replace expired permit for move to Burton, MI and fulltime

1440 KFPS MO Salem: station has been silent since June 1985
 *App VA Sterling Park: application for new station returned
 1480 WPWC VA Quantico: is now operating here, ex-1530
 1540 WVKM MI Harrison: requests extension of CP time for new station
 1550 KIBG WY St. Stephens: requests extension of CP time for new station
 1560 WRDJ AL Dadeville: is now operating here, ex-1490 in Samson, AL. Log has this listed as being on 1350 which is incorrect, scratch it from 1350, tis now here on 1560 kHz with 1000 D1

All for now. Buffalo and I had a great time at the RI Convention! 73

Jerry & BKF

Jerry Starr & Buffalo K. Foonman

STATION ADDRESS CHANGES

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

540 KKAR CA HESPERIA 10880 WILSHIRE BLVD., SUITE 2007, L.A., CA 90024
 550 KUZZ CA BAKERSFIELD 1527 19th ST., SUITE 300 93301
 550 WDLV NC PINEHURST BOX 1677, SOUTHERN PINES, NC 28387
 560 KSFO CA SAN FRANCISCO 300 BROADWAY 94133
 560 WHND MI MONROE ONE RADIO PLAZA 48220
 570 KLAC CA LOS ANGELES 4000 W. ALAMEDA AVE., 6th FLOOR, BURBANK 91505
 570 WLLC NC RALEIGH 649 MAYWOOD AVE 27603
 580 WTCM MI TRAVERSE CITY PAUL BUNYAN BLDG. 49684
 580 WTSB NC LUMBERTON BOX 1123 28359
 590 KFXX CA SAN BERNARDINO BOX 50005 92412
 590 WKZO MI KALAMAZOO 590 WEST MAPLE ST. 49008
 590 WJMS MI IRONWOOD 222 SOUTH LAWRENCE ST. 49938
 590 KHAR AK ANCHORAGE BOX 111566 SOUTH STATION 99511
 590 KBHS AR HOT SPRINGS 113 THIRD ST. 71901
 600 KSJB ND JAMESTOWN 212 FIRST AVENUE SOUTH 58401
 610 WZZK AL BIRMINGHAM 530 BEACON PARKWAY WEST 35209
 620 WVLX AL LEXINGTON BOX 620, INDUSTRIAL PARK NORTH 35648
 620 KTAR AZ PHOENIX 301 WEST OSBORN ROAD 85013
 630 KIDD CA MONTERREY BOX 1799 93940
 630 KJNO AK JUNEAU 3161 CHANNEL DRIVE 99801
 630 WMPD NC WILMINGTON BOX 5307, 1890 DAWSON ST. 28403
 660 KTNN AZ WINDOW ROCK BOX 308 86515
 660 KFAR AK FAIRBANKS 1100 CUSHMAN 99701
 670 KWNC CA SIMI VALLEY 2136 WINIFRED STREET 93063
 680 WDBC MI ESCANABA 606 LIDINGTON ST. 49829
 690 WVOK AL BIRMINGHAM 561 BESSEMER SUPER HIGHWAY 35228
 690 KZKZ AZ FLAGSTAFF 2690 HUNTINGTON DRIVE 86001
 690 KBBA AR BENTON 1100 MILITARY 72015
 700 KVUI AZ ORD VALLEY 4909 LaCANADA 85470
 700 KBYR AK ANCHORAGE BOX 10-2200 99510
 710 WKRG AL MOBILE BOX 160587 36606
 740 WLVI AL MONTGOMERY 4740 RADIO ROAD 36198
 740 WMBL NC MOREHEAD CITY 4030 ARENDELL ST. 28557
 760 KNTL AR SHERWOOD 2808 E. KIEHL AVE., N. LITTLE ROCK, AR 72116
 770 WJMW AL ATHENS BOX 389 35611
 770 KGGN AK VALDEZ BOX 220, ANCHORAGE, AK 99510
 780 WABS VA ARLINGTON 5545 LEE HIGHWAY 22207
 780 KNOM AK NOME BOX 988 99762
 780 WHCH NC FOREST CITY 1263 WEST MAIN ST. 28043
 780 WCKB NC DUNN BOX 789 28334
 790 KXTC CA CLOVIS BOX 9790, FRESNO, CA 93794
 790 KFGD ND FARGO 1020 SOUTH 25th ST. 58108
 800 WMGY AL MONTGOMERY 2305 UPPER WETUMPKA ROAD 36107
 800 KVOM AR MORRILTON BOX 541 72110
 810 KGO CA SAN FRANCISCO 900 FRONT STREET 94111
 830 WMMI MI MARSHALL 175 E. FENN RD., COLDWATER, MI 49036
 830 KGLR AZ TUCSON 8820 N. 85th PLACE, SCOTTSDALE, AZ 85258
 830 KABN AK LONG ISLAND BOX 17000-D, BIG LAKE, AK 99687
 840 KWTR CA LAKEPORT BOX 759 95453
 840 WBHY AL MOBILE 917 WESTERN AMERICA CIRCLE, SUITE 406 36609
 850 KMDY CA THOUSAND OAKS 2701 THOUSAND OAKS BLVD. 91362
 850 WYDE AL BIRMINGHAM BOX 55426 35255
 850 KICY AK NOME BOX 820 99762
 860 KVVA AZ PHOENIX 147 EAST GARFIELD 85004
 870 KIEV CA GLENDALE 104 NORTH GLENDALE AVE. 91206
 870 KSKO AK McGRATH BOX 70 99627
 880 KKMC CA GONZALES 24 4th ST., BOX V 93926
 890 KPTO CA CITRUS HEIGHTS 2700 FRUITRIDGE ROAD 95820
 900 WZXM MI GAYLORD 650 WEST MAIN, BOX 159 49735
 900 KHOZ AR HARRISON BOX 430 72601
 910 KOXR CA OXNARD BOX 1186 93030
 910 KNEW CA OAKLAND 66 JACK LONDON SQUARE 94607
 910 KVVO CA HESPERIA BOX 1477, VICTORVILLE, CA 92392
 910 WFDI MI FLINT 100 PHOENIX BLDG. 48502
 910 WLAS NC JACKSONVILLE BOX 760 28541
 920 KLOC CA CERES BOX 342, MODESTO, CA 95353
 920 KARN AR LITTLE ROCK 4021 WEST 85th ST. 72204
 920 WPTL NC CANTON BOX 909 28716
 930 KEWB CA PARADISE 4842 MEDIA WAY 95969
 930 KTKN AK KETCHIKAN BOX 7700 99901
 930 WRRF NC WASHINGTON BOX 1707 27889

940 WCSY MI SOUTH HAVEN
 940 WIDG MI ST. IGNACE
 950 KAHI CA AUBURN
 950 MWJ MI DETROIT
 950 KIMN CO DENVER
 950 KRXA AK SEWARD
 960 KABL CA OAKLAND
 960 WHAK MI ROGERS CITY
 960 WGRR AL PRICHARD
 960 WERC AL BIRMINGHAM
 970 KHYV CA MODESTO
 970 WUPY MI ISHPEMING
 970 WTBF AL TROY
 970 WERH AL HAMILTON
 970 KVVH AZ SHOW LOW
 970 WWIT NC CANTON
 970 WRCS NC AHOESKIE
 980 KFWJ AZ LAKE HAVASU CITY
 980 KKEN AK KENAI
 980 WAAA NC WINSTON-SALEM
 980 WAAV NC LELAND
 990 KKIS CA PITTSBURG
 990 WABX MI CLARE

559 PHOENIX ST. 49090
 334 NORTH STATE ST. 49781
 1230 HIGH ST., SUITE 12D 95603
 16550 WEST NINE MILE RD., SOUTHFIELD, MI 48084
 1095 SOUTH MONACO PARKWAY 80224
 BOX 405 99664
 1025 BATTERY ST., SAN FRANCISCO, CA 94111
 5667 M-48 HIGHWAY 49779
 758 ST. MICHAEL ST., MOBILE, AL 36602
 3700 FOURTH AVENUE SOUTH 35202
 BOX 4278 95352
 110 CANADA ST., BOX 260 49849
 1 COLLEGE DRIVE 36081
 BOX 1110 35570
 BOX 970 85901
 BOX 1369 28716
 ROUTE 1, BOX 13B 27910
 2001 INDUSTRIAL BLVD. 86403
 6933 GENEVA PLACE, ANCHORAGE, AK 99504
 4950 INDIANA AVE. 27116
 211 NORTH SECOND ST., WILMINGTON, NC 28401
 1975 DIAMOND BLVD., CONCORD, CA 94520
 30200 TELEGRAPH RD., SUITE 230, BIRMINGHAM, MI 48011

BOX 990 36441
 733 COLUMBUS STREET EAST 35555
 2020 WEST GRANT ROAD 85703
 ROUTE 2, BOX 168D, ATMORE AL 36502
 211 HIGHWAY 127 & 2nd AVE. S.E. 28601
 1817 N. THIRD ST., TUCSON, AZ 85710
 1312 WEST VERNON AVE. 28501
 3313 WINNEPEG DR., BISMARCK, ND 58501
 409 GLENN DRIVE 95630
 BOX 2810 92315
 HUTZEL BLDG., 3rd FLOOR 48108
 BOX 759 35768
 BOX 'F', WINDOW ROCK, AZ 86515
 2654 CRAMER LANE 95926
 BOX 608 49022
 190 CLOVERLEAF PLAZA 72956
 BOX 637 28675
 220 1/2 S. MICHIGAN, BIG RAPIDS, MI 49307
 2146 HIGHLAND AVENUE SOUTH 35205
 660 NORTH MAIN ST. 27261
 BOX 767 85614
 BOX 26 28384
 BOX 1090 95540
 32500 PARK LANE, LIVONIA, MI 48135
 BOX 889 35950
 BOX 457 58852
 2175 CLICK ROAD, BOX 99 49770
 BOX 288, 1571 TOMLINSON ROAD 48854
 BOX 248, 116 ARKANSAS ST. 71638
 597 NORTH ALTA AVE. 93618
 18900 JAMES COUZENS HIGHWAY 48235
 670 BANK ST. 35580
 3500 E. ROSSER AVE., BISMARCK, ND 58501
 BOX 828 49508
 BOX 757, FAYETTEVILLE, TN 37334
 BOX 527 99669
 BOX 200, CASA GRANDE, AZ 85222
 BOX 2450 27216
 9416 MISSION GORGE RD., SANTEE, CA 92071
 1737 PARK CIRCLE NW, CULLMAN, AL 35055
 400 ALLEGHENY ST., BLACKSBURG, VA 24060
 5920 SOUTH LOGAN, LANSING, MI 48910
 138 WEST BILL WILLIAMS AVE. 86046
 BOX 550, FAIR OAKS, CA 95628
 5200 STATE ST., SAGINAW, MI 48603
 6940 E. BROADWAY, TUCSON, AZ 85710
 2822 VAN NESS AVE., SAN FRAN., CA 94109
 BOX 3800-E 35208
 411 MAIN AVENUE 58474
 BOX 1220 28086

1230 KGFJ CA LOS ANGELES
 1230 KGE0 CA BAKERSFIELD
 1230 WMPC MI LAPEER
 1230 WHOD AL JACKSON
 1230 KFLR AZ PHOENIX
 1230 KAAA AZ KINGMAN
 1230 KBZB AZ BISBEE
 1230 KVAK AK VALDEZ
 1230 KFPW AR FORT SMITH
 1230 WISF NC KINGSTON
 1230 WMFR NC HIGH POINT
 1230 WSKY NC ASHEVILLE
 1240 K5MA CA SANTA MARIA
 1240 KSDN CA SAN DIEGO
 1240 KDIG CA SAN BERNARDINO
 1240 KENZ CA SACRAMENTO
 1240 KNRY CA MONTERREY
 1240 KPOD CA CRESCENT CITY
 1240 WJPD MI ISHPEMING
 1240 WMGJ AL GADSDEN
 1240 WBCE AL FLORENCE
 1240 KYOR AZ GLOBE
 1240 KWAK AR STUTTGART
 1240 WHVN NC CHARLOTTE
 1250 WXOX MI BAY CITY
 1250 WZOB AL FORT PAYNE
 1250 KHIL AZ WILLCOX
 1250 KFAY AR FAYETTEVILLE
 1260 KXLR CA SAN FRANCISCO
 1260 WJJO MI HOLLAND
 1260 WELI MI ALBION
 1260 KBEI AK DUTCH HARBOR
 1260 KBHC AR NASHVILLE
 1260 WKXR NC ASHEBORO
 1270 KNWZ CA PALM DESERT
 1270 WKSJ AL PRICHARD

1989 RIVERSIDE DRIVE 90039
 BOX 260 93302
 1800 NORTH LAPEER ROAD 48446
 BOX 518 36545
 BOX 6046 85005
 2534 HUALAPIA MOUNTAIN ROAD 86401
 406 N. CHURCH AVE., TUSCON, AZ 85701
 3933 GENEVA PLACE, ANCHORAGE, AK 99508
 BOX 303, 314 N. GREENWOOD ST. 72902
 BOX 668 28501
 164 SOUTH MAIN ST. 27260
 BOX 2956 28802
 110 WEST CYPRESS STREET 93454
 7520 EL CAJON BLVD., BOX 1240, La MESA, CA 92041
 992 INLAND CENTER DRIVE 92412
 620 BERGUT 95814
 BOX 2108 93940
 2117 WEST FIR, ANAHEIM, CA 92801
 110 CANADA ST., BOX 260 49849
 815 TUSCALOOSA AVE. 35901
 201 N. PINE ST., COURTYVIEW TOWERS 35630
 1240 S. SAGUARO, GREEN VALLEY, AZ 85501
 1818 SOUTH BUERKLE 72160
 BOX 18614, 5732 N. TYRON ST. 28218
 BOX 1250 48706
 BOX 748 35967
 BOX 1250, WEST PLATTE ROAD 85643
 BOX 878 72701
 77 HAIDEN LANE 94108
 5658 143rd AVE. 49423
 103 SOUTH SUPERIOR ST. 49224
 1549 E. TUDOR RD., ANCHORAGE, AK 99507
 1513 SOUTH FOURTH ST. 71852
 303 EAST SALISBURY ST. 27203
 100 COOK STREET 92261
 917 WESTERN AMERICA CIRCLE, SUITE 504, MOBILE 33608

BOX 00474 99760
 BOX 520 72112
 DRAWER 99 28144
 601 EAST ANA PAMU 93103
 2255 BESSANT ST., BOX 1290 92402
 BOX 370 49120
 3431 W. HOUGHTON LAKE DRIVE 48629
 1 NOTES ROAD 35150
 BOX 299, SITKA, AK 99835
 BOX 2457 27331
 DRAWER 1216 28541
 526 MAIN AVENUE S.E. 28601
 800 SIERRA MADRE VILLA 91107
 14200 PRAIRIE WAY 95460
 BOX 703 36078
 1028 AURORA DRIVE 99701
 BOX 1089 95531
 BOX 1310 22030
 DRAWER 210 36536
 727 SOUTH EXTENSION RD. 85202
 1402 HIGHWAY 270 NORTH 72104
 12799 13th AVE., HANFORD, CA 93230
 600 WEST CAVANAUGH ROAD 48910
 1523 FIFTH AVENUE NORTH 35201
 228 WEST MAIN ST., BOX 997 27889
 BOX 8009 27419
 BOX KCLM 96099
 BOX 1468 93635
 6735 YUCCA STREET 90028
 2820 SOUTH 8th AVE. 85713
 BOX 747, 19 NORTH 6th ST. 58495
 858 WEST JACKMAN, SUITE 101 93534
 BOX 1340 48042
 170 N. WEST ST. 49242
 101-C WATERS BLDG. 49503
 BOX 1569 85628
 BOX 2099 27102

1270 KIAM AK NENANA
 1280 KNEY AR NEWPORT
 1280 WSAT NC SALISBURY
 1290 KESP CA SANTA BARBARA
 1290 KNEN CA SAN BERNARDINO
 1290 WNIL MI NILES
 1290 WJGS MI HOUGHTON LAKE
 1290 WYEA AL SYLACAUGA
 1290 KETH AK KETCHIKAN
 1290 WEYE NC SANFORD
 1290 WITZ NC JACKSONVILLE
 1290 WHKY NC HICKORY
 1300 KWKW CA PASADENA
 1300 KPMD CA MENDOCINO
 1300 WTL5 AL TALLASSEE
 1300 KRKO AK FAIRBANKS
 1310 KCRE CA CRESCENT CITY
 1310 WDCT VA FAIRFAX
 1310 WHEP AL FOLEY
 1310 KZZP AZ MESA
 1310 KBOK AR MALVERN
 1320 KQTO CA LEMOORE
 1320 WIL5 MI LANSING
 1320 WAGG AL BIRMINGHAM
 1320 WVGW NC WASHINGTON
 1320 WGLD NC GREENSBORO
 1330 KCLM CA REDDING
 1330 KLSB CA LOS BANOS
 1330 KFAC CA LOS ANGELES
 1330 KHYT AZ TUCSON
 1330 KWSK ND WISHEK
 1340 KDOL CA MOJAVE
 1340 WEXL MI ROYAL OAK
 1340 WCSR MI HILLSDALE
 1340 WLAV MI GRAND RAPIDS
 1340 KFBZ AZ NOGALES
 1340 WAIR NC WINSTON-SALEM

1340 WBMS NC WILMINGTON 118 PRINCESS ST. 28401
 1340 WCBG NC OXFORD 1 BROADCAST CENTER 27565
 1340 WAGR NC LUMBERTON BOX 2265 28359
 1340 WDOO NC GREENVILLE 304 EVANS STREET MALL 27834
 1350 KUNN CA BAKERSFIELD 2831 EYE STREET 93301
 1350 WHMI MI HOWELL 1372 WEST GRAND RIVER 48843
 1350 WJEB MI GLADWIN (see note) 3601 WEST WOODS ROAD 48624
 1350 WELB AL ELBA BOX 98-H, ROUTE 5 36323
 1350 WLLY NC WILSON 210 BEACON ST. 27893
 1360 KPOP CA SAN DIEGO 7150 ENGINEER ROAD 92111
 1360 KZIO CA RIDGECREST 121 WEST RIDGECREST BLVD. 93555
 1360 WKYO MI CARO 1184 CLEAVER ROAD 48723
 1360 WMBW AL JASPER 509 9th ST. 35501
 1360 KLFF AZ GLENDALE 100 W. CLARENDON AVE., SUITE 1720 85013
 1360 KEYZ ND WILLISTON BOX 2048 58801
 1360 WCHL NC CHAPEL HILL BOX 2127 27514
 1370 KEEN CA SAN JOSE BOX 6616 95150
 1370 KPCO CA QUINCY 395 WEST MAIN STREET 95971
 1380 K TOM CA SALINAS BOX 81380 93912
 1380 KAUL AR NORTH LITTLE ROCK BOX 34074 72203
 1380 WSFL NC NEW BERN BOX 3436 28560
 1390 WGWY MI CHARLOTTE 1613 LAWRENCE HIGHWAY 48813
 1400 KKKM CA TRUCKEE BOX 1365, CRYSTAL BAY, NV 89402
 1400 WSAH MI SAGINAW BOX 1776 48605
 1400 WDXO MI MUNISING 110 WEST ONOTA, BOX 100 49862
 1400 WCCY MI HOUGHTON 313 MONTEZUMA AVE. 49931
 1400 WLJN MI ELMWOOD TOWNSHIP BOX 1400, TRAVERSE CITY, MI 49685
 1400 WGBH MI DETROIT 2056 PENOBSCOT BLDG. 48226
 1400 WKNR MI BATTLE CREEK 67 WEST MICHIGAN MALL 49017
 1400 WFFA AL FORT PAYNE 921 SCENIC DRIVE 35967
 1400 WJLD AL HOMEWOOD/FAIRFIELD BOX 3509, BIRMINGHAM, AL 35217
 1400 WTCB AL ANDALUSIA 303 SOUTH THREE NOTCH ST. 36420
 1400 WKEW NC GREENSBORO 708 SUMMIT AVE. 27405
 1410 KRNL CA CARMEL DRAWER 22440 93922
 1410 WZZA AL TUSCUMBIA 1570 WOODMONT DRIVE 35674
 1410 WIGR AL PRATTVILLE BOX 9098 36067
 1410 WMML AL MOBILE 1257 SPRINGHILL AVE., BOX 2567 36601
 1420 WKLT MI KALKASKA 105 FOURTH ST. 49646
 1420 WFLT MI BURTON/FLINT 317 SOUTH AVERILL 48506
 1420 K TAN AZ SIERRA VISTA 2300 BUSBY DRIVE 85635
 1420 KMOG AZ PAYSON BOX 439 85541
 1420 KSKM AK BETHEL 3933 GENEVA PLACE, ANCHORAGE, AK 99508
 1420 WVOT NC WILSON BOX 2528 27893
 1430 KJAY CA SACRAMENTO ROUTE 1, BOX 1430, W. SACRAMENTO, CA 95691
 1430 WDEX NC MONROE BOX 669 28110
 1440 KPRO CA RIVERSIDE BOX 1440 92502
 1440 KVON CA NAPA 1124 FOSTER ROAD 94558
 1440 WBCH MI BAY CITY DAVIDSON BLDG., SUITE 301 48706
 1440 WHHY AL MONTGOMERY 3435 NORMAN BRIDGE ROAD 36105
 1440 KITA AR LITTLE ROCK 723 WEST 14th ST. 72202
 1440 *New AR BELLEFONTE 111 NORTH SHILOH 72764
 1450 KAVA CA BURNEY 1450 PARK AVENUE 96013
 1450 WXCM MI JACKSON 2511 KIBBY ROAD 49203
 1450 WHTC MI HOLLAND BOX 911-B 49423
 1450 WLAY AL MUSCLE SHOALS BOX 220, SHEFFIELD, AL 35660
 1450 KIAL AK UNALASKA BOX 181 99685
 1450 KZZJ ND RUGBY BOX 105 58368
 1450 WNOS NC NEW BERN BOX 913 28560
 1450 WGNK NC GASTONIA BOX 310 28053-0310
 1460 WPNM MI PONTIAC 1011 WEST HURON ST. 48013
 1460 WBRN MI BIG RAPIDS 13574 NORTHLAND DRIVE 49307
 1460 WPNX AL PHENIX CITY BOX 687, COLUMBUS, GA 31902
 1460 KCCL AR PARIS 24 SOUTH EXPRESS ST. 72855
 1460 KZOT AR MARIANNA 31 SOUTH POPLAR, DRAWER 'J' 72360
 1460 KLTC ND DICKINSON BOX 1478 58601
 1470 KOLI CA COALINGA 156 WEST DURIAN 93210
 1470 KSWA AZ SIERRA VISTA 5200 EAST HIGHWAY 90 85635
 1470 KHND ND HARVEY BOX 643, CANDOR, ND 58324
 1480 KWUN CA CONCORD MYRTLE & HOLLY DRIVES 94521
 1480 WIOS MI TAWAS CITY BOX 549 48763
 1480 WMAX MI GRAND RAPIDS 3250 28th ST. S.E. 49508
 1480 WABB AL MOBILE 1551 SPRINGHILL AVE. 36604
 1480 WNF0 NC FAIR BLUFF BOX 1480 28439
 1490 KGUD CA BANNING 5005 LANART DR., RIVERSIDE, CA 92507
 1490 WPSK MI WHITEHALL BOX 14 49461

1490 WMPX MI MIDLAND 1510 BAYLISS ST. 48640
 1490 WHBB AL SELMA 505 LAUDERDALE ST. 36701
 1490 WANA AL ANNISTON 115 WEST 33rd ST. 36201
 1490 KBAS AZ BULLHEAD CITY 5270 LAKEWOOD RD., RRI 86430
 1500 KHHT CA SAN JOSE 1420 KOLL CIRCLE 95112
 1500 KRCK CA BURBANK 6255 SUNSET BLVD., LOS ANGELES, CA 90028
 1500 WDEE MI REED CITY BOX 1500 49677
 1500 WWK9 MI BATTLE CREEK 199 CAPITAL AVENUE 49016
 1500 WGTJ AL ALABASTER BOX 584 35007
 1500 KDJC AR JACKSONVILLE BOX 100, LITTLE ROCK, AR 72203
 1500 WSMX NC WINSTON-SALEM 500 KINARD ST. 27101
 1510 KNSE CA ONTARIO 8729 E. 9th ST., RANCHO CUCAMONGA, CA 91730
 1510 KIVR CA FRESNO 3636 NORTH FIRST ST. 93726
 1510 WLKM MI THREE RIVERS 59750 CONSTANTINE ROAD 49093
 1510 WJCO MI JACKSON 1293 FLOYD AVENUE 49203
 1510 KNTS AZ MESA 45 EAST FIRST AVE. 85202
 1510 KACJ AR GREENWOOD 6 TOWN SQUARE, BOX 1510 72936
 1510 WOIX NC BLOWING ROCK BOX 345 28405
 1520 KTR0 CA PORT HUENUME 3434 DODGE RD., OXNARD, CA 93034
 1520 KMPG CA HOLLISTER 1330 NASH ROAD 95023
 1520 KMAV ND MAYVILLE BOX 36, HIGHWAY 200 58257
 1530 WTKG MI WYOMING 325 E. 28th ST., GRAND RAPIDS, MI 49508
 1530 WDEY MI LAPEER 286 WEST NEPESSING ST. 48446
 1530 KXR0 AR TRUMANN HIGHWAY 63 SOUTH 72472
 1530 WBRB NC WANCEHE BOX 471 27981
 1530 WRBX NC CHAPEL HILL 4411 CHAPEL HILL BLVD., DURHAM, NC 27707
 1540 KNFO CA CAPITOLA 7600 OLD DOMINION CT., SUITE 3, AFTON, CA 95003
 1540 KKDI AR SHERIDAN BOX 100 72150
 1540 WYNC NC YANCEYVILLE DRAWER J 27379
 1550 KVKG CA SOLVANG BOX 585, SANTA BARBARA, CA 93108
 1550 KKHI CA SAN FRANCISCO 335 POWELL STREET 94102
 1550 WSHN MI FREMONT BOX 196, 517 NORTH BEEBE ST. 49412
 1550 KQWE ND FARGO/W. FARGO BOX 1301, FARGO, ND 58107
 1550 WBFT NC WINSTON-SALEM 3066 TRENWEST DRIVE, SUITE A 27103
 1550 WSES NC RALEIGH 100 ST. ALBANS DRIVE #200 27609
 1560 KPMC CA BAKERSFIELD 230 TRUXTON AVE. 93301
 1560 WAGC AL CENTRE BOX 'D' 35960
 1560 WTR0 NC WARSAW BOX 445 28398
 1560 WYZD NC DOBSON 131 1/2 ATKIN ST., BOX 797 27017
 1570 KXES CA SALINAS BOX 3618 92905
 1570 WGMZ MI FLINT 3217 LAPEER ROAD 48503
 1570 WT0X AL SELMA 27 1/2 FRANKLIN ST. 36701
 1570 KBRI AR BRINKLEY 226 WEST CEDAR ST. 72021
 1570 WTLK NC TAYLORSVILLE TOWER ROAD 28681
 1580 KLO0 CA MERCED 705 WEST MAIN STREET 95340
 1580 WQZS MI ST. JOHN'S 1363 WEST PARKS ROAD 48879
 1580 WUIV NC ICARD TOWNSHIP INTERSTATE 40, BOX 1 28666
 1590 WGRY MI GRAYLING 6514 OLD LAKE ROAD 49738
 1590 WTVB MI COLDWATER BOX 1590 49036
 1590 WVNA AL TUSCUMBIA BOX 748, FLORENCE, AL 35630
 1590 WSKR AL ATMORE BOX 'B' 36504
 1590 WOKX NC HIGH POINT BOX 6334 27262
 1590 WCSL NC CHERRYVILLE BOX 367 28021
 1590 WVOE NC CHADBOURN ROUTE 3, BOX 328 28431
 1600 KZON CA SANTA MARIA 104 WEST CHAPEL 93456
 1600 WTRU MI MUSKEGON 875 EAST SUMMIT AVE. 49444
 1600 WAAM MI ANN ARBOR 4230 PACKARD ROAD 48104
 1600 WRNC NC REIDSVILLE BOX 2197 27320
 1600 WGVN NC CHARLOTTE BOX 36856 28236

***** CONTRIBUTORS *****

All Michigan entries researched by BOB WALKER (thanx Bob-js/gy)

** Note **: Spelling of GLADWIN is incorrect in log.

..... UPDATE COUNT :

25 States Down - 26 To Go !!!

DOMESTIC DX DIGEST

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

Here is the official NRC column which is almost as exciting as spitting watermelon seeds! (Thank JM for that one!) When sending your items in, please type of neatly write, skip a line or two between items, EDT, one side of the paper, etc. With that in mind, lets get under-weight:

FREQUENCY CHECKS



3rd Mon - WCHE-1520 0020 fair/good w/pulse tone thru 0034, past 0100 w/CHR. (JM-PA)
WMBT-1530 0040 weak way u/WCKY w/AdCon music. (JM-PA)
WPTH-1590 0108 strong o/WAKR w/classical music then off. (JM-PA)...0031-0115 u/o WAKR w/classical music til 0115 s/off. (BC-NH)

SPECIAL

KCJB 910 to 3,000 w.
Miami, FL, Dade Co.

- 650 CKOM SK SASKATOON - Now noted equal days w/WKQW w/AdCon/rock music format, ex-1250. (WCM-ND)
- 750 KAMA TX EL PASO - 7/14 0306-0505 fair in Spanish w/'Radio Kama' ID's, Mexican music and PSA's. Also noted 7/16 0038 and 7/17 0409 w/ET w/TT, returned to RS 0415. (LHC-CA)
- 760 WCHP NY CHAMPLAIN - 8/25 2000 good, alone w/gospel program til s/off. (MD-MA)
- 820 CHAM ON HAMILTON - 8/18 2040-2101 alone on channel w/CW music, 820 Cham ID's, 50000 watts of country music power mentioned. (BH-NJ)...Now noted evenings here in WBAP null w/CW music, Cham ID's. (WCM-ND)...8/4 1757-1810 noted on ET w/non stop CW music, not equal w/1280. (MS-ON)
- 870 KPI203 OH NILES - 8/10, 8/11 site test XR noted days w/OC, ID each hour. Set up by WNIO-1540, evidently looking for a new frequency and doing associated field measurements. Signal 40 o/S9. Permit authorizes up to 1000 watts and I believe they're running that. These are licensed for a very short time so may be history by the time this is printed. (JS-ON) That's the case with regular entries sometimes, too!
- 910 KFYI AZ PHOENIX - 8/5 0104 fairly good w/phone in talk show. 8/7 2355 poor w/ABC news, race results, talk show w/KNEW/Radio Mexicana. (LHC-CA)
- 930 WRRF NC WASHINGTON - 8/20 2000 o/all w/ID, promo for music, news, and info programming, gone at power/pattern change. Original calls from 40's & 50's, ex-WITN. (KG-PA)
- 950 WCTM MD POTOMAC - Power now 2500 watts. (DS-VA)
- 1170 CFML ON CORNWALL - 7/28 1500 station still off while passing thru town. (RUGG)
- 1200 WKOK MA FRAMINGHAM - 9/1 noted on new freq, was noted by Tom Farmerie on 8/30. Per call to station, still running lkw D-1, will go 50kw U-2 around 10/1. (MD-MA)
- 1220 WUSR NY N SYRACUSE - 8/23 2004-2014 u/WGAR w/BFL music, quick s/off. Call sounded like this, definitely not WEZG. (BH-NJ) Tape replay, please?
- WTCN MN STILLWATER - 8/29 2115 thru KDDR w/s/off, mention made that fulltime application has been filed w/the FCC. (WCM-ND)
- 1340 CPOM PQ QUEBEC CITY - Definitely off, CBM-940 s/off now gives an FM outlet for here in it's list of relays and LPRT's. (RUGG-VAC)
- 1350 WBEM PA WINDBER - 8/17 2015 o/all w/full data s/off, no SSB, ex-WBWR, calls stand for 'Beam'. (KG-PA) If they have a PSA, would that be called a 'Low Beam'? (DS)
- 1400 KLTW CA SAN LUIS OBISPO - 7/26 0127 poor w/EZL music, 'The Light AM', 7/11 2325 fair w/magazine ad. Ex=KSLY. (LHC-CA)
- KVIS CA VISALIA - 7/26 0120 fair w/Dodgers post game show. Ex-KNDE. (LHC-CA)
- 1470 CKPB PQ LA BAIE - Station is off the air, not noted on pass thru 8/11 & 8/15, 2 tower directional still up west of town. (RUGG-VAC)
- 1530 WPMC VA QUANTICO - Plans now call for switch to 1480 on August 15th (But don't count on it!). (DS-VA) Happy Radio LIES???? (DS)

EMERGENCY BROADCASTS

WBRT - WOKH

- 540 WOTO FL CYPRESS GARDENS - 8/31 2101-2153+ good, equal w/CJSB w/CW music, hurricane info, mentioned 50000 watts day power being used. (BH-NJ)
- 710 WKRG AL MOBILE - 9/1 2240-2250 very good w/hurricane info, talk show. (EE-IL)
- 980 KSVU UT RICHFIELD - 7/7 0044-0110 noted way u/KPWB w/info on state wide power failure. (LHC-CA)
- 1010 WCMU FL CRESTVIEW - 9/1 2000-2040 good w/hurricane shelter info. (EE-IL)
- 1060 WNOE LA NEW ORLEANS - 8/14 2330+ strong in KYW null w/hurricane info, CW music. (JM-PA)...8/30 0045 u/KYW w/hurricane info. (DS-DE)
- 1110 WBCA AL BAY MINETTE - 9/2 0033 noted w/hurricane info w/ID, ads. (CR-IL)... 9/1 2242-2250 very good w/hurricane reports, mention of no bread or milk at local market. (EE-IL)

- 1140 WASG AL ATMORE - 9/2 0135 in WRVA null w/hurricane info. (CR-IL) (11)
- UNID 8/29 2233-2238 badly fading u/WRVA w/evacuation instructions for Mobile Bay area, suspect WASG. (BH-NJ)
- 1550 WYCU FL TAMPA - 8/31 2238 w/hurricane info in Spanish. (CR-IL)
- 1580 WPMP MS PASCAGOULA - 9/2 0318 CW music and hurricane info, ID's w/WPMO-FM.(CR)

MIDDAY - MIDNITE

- 560 WJLS WV BECKLEY - 8/22 2200 w/Reds baseball, ID as 'Southern WV's Sports Leader'. (RCW-MI)
- 610 WIP PA PHILADELPHIA - 9/2 2228 w/ads, ID, severe fades. (PO-NH)
- 970 WAVG KY LOUISVILLE - 8/26 2053 w/local Redbirds baseball, ID as 'WAV970', many local ads. (RCW-MI)
- 1040 WJTB OH N RIDGEFIELD - 8/12 2025-2030 good, alone w/jazz til s/off. (MD-MA)
- 1050 WSEN NY BALDWINVILLE - 8/24 1955-2011 weak in WHN null w/live country-rock concert, s/off w/More Country Music Every Hour' slogan. (BH-NJ)
- 1070 WACT NC GREENVILLE - 8/31 2009-2031 very good w/CW music, auto race promo, signal suddenly lost and regained six times before being lost for good at pattern change, a bit late? (BH-NJ) Yeah, they had to use a broom handle to push over the change-over relay! (DS)
- WKOK PA SUNBURY - 8/23 2027 very good but fading thru WIBC/CHOK w/ID, Phillies baseball. (JM-PA)
- 1110 WUHN MA PITTSFIELD - 8/31 1949-2000 badly fading w/MYL type music, s/off barely audible. (BH-NJ)
- WHIM RI PROVIDENCE - 8/18 2014 fair w/ID in fade of WBT. (WPT-DC)
- 1130 KYOO MO BOLIVAR - 9/1 2335-2340 very good w/CW music, church news. (EE-IL)
- 1140 CJTR PQ TROIS-RIVIERES - 7/29 2038 good w/English pop music, French talk. (BC)
- WCLJW NY WARSAW - 8/1 2013-2015 s/off w/both Oh Canada & SSB, mentions return at 0615. (RUGG-PQ)
- 1150 WDEL DE WILMINGTON - 8/27 2036 good thru mess w/ad/promo, Phillies game. (JM)
- WCUE OH CUYAHOGA FALLS - 8/13 2046 good w/'the one station for all your music listening, Q-1150.' (JM-PA)
- 1160 WCCS PA HOMER CITY - 8/23 1940-2001 good w/Top 40 music, ads for Indiana, ID's as 'stereo 1160, the amazing AM', legal ID on hour. (BH-NJ)...8/15 2000 fair/good w/WJJD w/ID, Top 40 music. (WPT-DC)
- WAMB TN DONNELSON - 8/31 2036-2045 very good w/MYL, ID, Nashville weather, anc'r cleverly ended program as if station was to s/off, signal lost at pattern change. (BH-NJ)
- 1170 WKPE MA ORLEANS - 8/3 2000-2008 overboard w/CHR simulcast of FM, 'Cape 104', went off within 20 seconds after call to station. (MD-MA)
- 1230 WECK NY CHEEKTOWAGA - 8/1 1428 MYL, clustered ads, 'weck' ID. (RUGG-VAC)
- WKHT CT MANCHESTER - 8/22 1902 w/ID, auto racing news. (PO-NH)
- WESX MA SALEM - 9/2 2315 very poor w/pop music, ID, PSA. (PO-NH)
- WERI RI WESTERLY - 8/22 1900 thru mess w/ID, news. (PO-NH)...7/29 briefly on top w/'Stardust 1230' ID. (BC-NH)
- 1240 WATH NY WATERTOWN - 8/2 23002317 w/CW music, ID, many 'North Country' and 'Country Class' ID's. (RUGG-VAC)
- CPLM PQ LA TUQUE - 8/11 1325-1355 w/Expos baseball in French, network ads w/one local ad cluster break. (RUGG-VAC)
- 1250 WKBR NH MANCHESTER - 9/2 1905 noted w/CBS news, ID, EZL vocals. (PO-NH)
- 1290 KAZA CA GILROY - 7/15 2250-2259 fair/good w/'radio Kaza' ID's in Spanish.(LHC)
- KHSL CA CHICO - 7/15 2305-2308 fair w/end of CBS news, CW music, weather then covered by KMEN. (LHC-CA)
- WFBC PA ALTOONA - 8/17 2000 caught after WRCP power cut w/AM 1290 ID, football promo then lost to WKNE. (BC-NH)
- 1300 WKCY VA HARRISONBURG - 8/14 2011 xint w/full data s/off, to return 0600. Mentions Y-104 FM and 0500 s/on. (JM-PA)
- 1320 WARA MA ATTLEBORO - 9/2 1901 very poor w/ID, news. (PO-NH)
- WCVR VT RANDOLPH - 9/2 1900 caught w/ID, part of s/off thru mess. (PO-NH)
- 1340 WHAP VA HOPEWELL - 7/31 0405+ strong w/CBS news, local news & weather, promos for 'best CW music in the world.' (JM-PA)
- WEPM WV MARTINSBURG - 8/13 2011 up briefly w/promo, ad, ID during Orioles baseball network break. (JM-PA)
- 1350 WOYK PA YORK - 8/5 2105 fair w/end of Mutual news, Stardust weather, u/o CHRO and others. (BC-NH)

1580 WHEX



THE KOA STATIONS
KOA-TV • KOA-AM • KOA-Q-FM

f.m. 103.7
a.m. 1070

WGR



WDEL
1150 AM

1360 KLVF AZ GLENDALE - 7/28 2240 good w/Music Makers program, promo for K-Life Big Band Cruise, soon faded. (LHC-CA)

(12) CJVL PQ STE MARIE DE BEAUCE - 8/5 2055 French w/ 'avec beaucoup musical' ID, CHR, xint o/WDR. (BC-NH) Funny stuff goes to Hutton, the NRC Q-Tip, never knows where he's going to be stuck next! (DS)

1370 WELV NY ELLENVILLE - 8/3 2030 u/o WFEA w/s/off, mentions 99.3 FM. (BC-NH)

1390 WGVY MI CHARLOTTE - 8/3 2044 good w/full data s/off, to return 0600. (JM-PA)

1400 WBRL NH BERLIN - 9/2 1844 caught only faint ID thru WMPM/UNID. (PO-NH)

WINC VA WINCHESTER - 8/18 2200 up briefly w/anc't/ID thru mess. (JM-PA)

1410 WELM NY ELMIRA - 8/22 2106-2132 u/WPOP w/Top 40 music, DJ w/ID. (BH-NJ) It's very hard for a loaf of bread to give an ID, isn't it? (DS)

1420 WIMS IN MICHIGAN CITY - 7/28 2103 sneaking past WHK w/ID, PSA then gone. (JM)

CJMT PQ CHICOUTIMI - 8/11 1510-1520 w/Expos baseball in French, ads, ID. (RUGG)

WACK NY NEWARK - 8/21 1925-1944 good w/Top 40 music, local ads, Yankees promo, ID as 'your summer star station'. (BH-NJ)

1430 CJCL ON TORONTO - 8/20 2129 w/Blue Jays baseball, local ads. (RCW-MI)

1440 WCDL PA CARBONDALE - 8/18 1923-2000 good w/Top 40 oldies, low-key anc'r, detailed s/off w/'memory in every song' slogan. (BH-NJ)

WNPV PA LANSDALE - 8/18 2000-2007 weak w/local news, ads. (BH-NJ)

1450 CHEP PQ GRANBY - 8/3 2128 o/u mess w/Montreal Expos baseball in French. (BC-NH)

1470 WKRW PA ALLENTOWN - 8/21 1932 good w/CW music, o/u WSRO/CKO. (BC-NH)

UNID 8/5 1957-2030 someone w/Yankees baseball, race results, 24 hour a day promo at 2026 then lost to CKO/WSRO. (BC-NH)

WTR MD WESTMINSTER - 8/21 2011 noted in passing w/female anc'r w/ID, Nat King Cole record. (BH-NJ)

1540 WPGR PA PHILADELPHIA - 9/2 1839 w/sports update, ID, poor thru WPTR. (PO-NH)

1550 KXEX CA FRESNO - 7/25 2304-2329 good w/ID, ads in Spanish/Mexican. (LHC-CA)

1570 WBUZ NY FREDONIA - 8/9 2000-2004 o/CFOR w/pop music, have taped ID's using WBUZ, did they ever change to WCGT? (KG-PA) Mr. Starr? (DS)

WFUR MI GRAND RAPIDS - 8/21 2046 fading w/s/off, mentions PSA, 0600 s/on and FM 101.9. (JM-PA)

WFLR NY DUNDEE - 8/18 2018-2020 weak w/ad for Christmas ornaments, detailed s/off w/mention of 95.9 FM until 2315. (BH-NJ)

WOKG OH WARREN - 8/18 2024-2030 weak w/Top 40 music, shouting anc'r, faded by s/off time. (BH-NJ)

1580 WNZT PA COLUMBIA - 8/16 1940-2000 tele talk, ads in WSRR null, full data s/off w/SSB, ID's as 'News Talk Radio for the Susquehanna Valley'. (KG-PA)

WHHM TN HENDERSON - 8/31 2228 noted on late w/ID, s/off 2300. (CR-IL) One of Mickey's arms must've fallen off? (DS)

1590 WTVB MI COLDWATER - 8/21 2041 strong w/anc'ts, again 8/25 booming in w/Big Band music, jingle/ID, NBC news. (JM-PA)

WCBG PA CHAMBERSBURG - 8/19 2017 strong past pattern/power cut w/ads, Talknet. (JM-PA) That's worth writing the secretary about! (DS)

****MIDNITE - MIDDAY****

590 WARM PA SCRANTON - 8/17 0158+ PSA's, anc'ts, Accu-weather, news, sports, ID mentions 'wilkes-Barre, Scranton & the Poconos, where news comes 1st', almost a regular after WMBS s/off. (JM-PA)

740 KRMG OK TULSA - 7/28 0740 barely audible w/ID, CW music w/KCBS off. (LHC-CA)

*UNID 8/31 0531-0540 strong TT til 0535 then OC. (RCW-MI)

760 *KFPB CA SAN DIEGO - 7/14 0407 noted off this AM. (LHC-CA)

830 WLND OH CORTLAND - 8/28 0651 u/WCCO w/Adcon/CW music, ID dual w/Youngstown-Warren, AP net & regional news, 'The New Voice in the Valley'. (RCW)

960 KABL CA OAKLAND-SAN FRANCISCO - 7/20 briefly noted u/KOOL w/ID, EZL. (LHC-CA)

1050 KTBA AZ TUBA CITY - 7/23 0838 fair o/u XED w/son, weather, gospel music, IMS news. (LHC-CA)

1090 CKKW ON KITCHENER - 8/19 0119 good w/WBAL w/AM/FM ID, weather, Adcon music(JM)

1160 *KSL UT SALT LAKE CITY - 7/14 0345 noted w/TT/OC. (LHC-CA)

1220 CJOC AB LETHBRIDGE - 7/5 0248 good o/XEB w/CW music, female anc'r, trucking ads. (LHC-CA)

1230 KEZD NV LAS VEGAS - 7/26 0045 briefly noted w/mob w/EZL music, ID. (LHC-CA)

1240 KENZ CA SACRAMENTO - 7/5 0330 briefly noted w/female anc'r, ID, weather. (LHC)

1270 KTFI ID TWIN FALLS - 7/16 0147 briefly noted w/weather, again 7/23 0756 w/baseball promo. (LHC-CA)

1360 WIYN GA ROME - 8/28 0600 weak w/ID at s/on. (CR-IL)

WMOV WV RAVENSWOOD - 8/28 0601 right after WIYN w/s/on w/SSB, ID. (CR-IL)

1370 WSPD OH TOLEDO - 8/19 0207 good in WFEA null w/news, sports, weather. (BC-NH)

1380 *KLPZ AZ PARKER - 7/6 0300-0315 good w/F/c. (LHC-CA) You oughta list these separate, Les, then it'd be in the right place! (DS)

WWMG NC NEW BERN - 7/28 0154+ strong at times w/AdCon music, no anc'ts, few ID's for WSPL-FM 106.5, also has Braves baseball in PM hours. (JM-PA)

Hey, I thought the CP on this one was cancelled or run out, explain??

1420 WIK OH CLEVELAND - 8/19 0159 good w/ID, rock oldies music. (BC-NH)

WKCW VA WARRENTON - 7/31 0556 busting thru WHKJ w/full data s/on 'voted one of Americas great CW music stations' (JM-PA)...8/21 0556-0600 good w/dramatic s/on w/Big K Radio ID's, mention of CMA award, live DJ's into oldtime bluegrass music, but didn't hear calls mentioned! (BH-NJ)

1420 WLIS CT OLD SAYBROOK - 8/23 0609-0619 weak w/local news, ads, MoR music. (BH)

1430 CJCL ON TORONTO - 8/24 0110-0124 noted w/MYL during WENE fade. (BC-NH)

1440 WQCB PA RED LION - 8/24 0559 beginning of s/on noted seconds before rest. (BH)

1450 KEST CA SAN FRANCISCO - 7/17 0357-0427 poor w/preacher and 'Coffee Shop' program. (LHC-CA)

1460 WROY IL CARMi - 8/31 0700 fair w/s/on, ID, SSB into music. (CR-IL)

CJOY ON GUELPH - 8/19 0135-0148 good w/oldies, rock music, ads. (BC-NH)

WCMB PA HARRISBURG - 8/24 0047-0104 rock oldies, Penn State Football promos, non ID's '1460 hits', u/WMCN. (BC-NH)

1490 WQCH CT GREENWICH - 8/19 0006 heard w/s/off, SSB, o/u mess. (BC-NH)

1570 *WTOW MD TOWSON - 8/10 0130+ xint in CHLO null w/pulse tones, off 0215, ID and off 0219. (JM-PA)

WQTV PA LATROBE - 8/21 0559 w/s/on, no SSB, lost to pack of 0600 s/ons, was atop channel. (RCW-MI)

1580 WNZT PA COLUMBIA - 8/16 0637-0707 on top w/Morning News Radio; news, weather, traffic reports, sports from CNN, ads, frequent ID's. (KG-PA)

1590 WAKR OH AKRON - 8/19 0031 good w/local news, radar weather, Larry King, WQOW was off. (BC-NH) Yeah, as they've always been for the last 5 years!

****ABOVE THE BAND****

1610 WXT613 OH CINCINNATI AIRPORT - 8/16 0200+ 1st time this year w/usual terminal & parking info, lots of noise but readable. (JS-OH)

1613 RADIO NORTH COAST INTERNATIONAL - 8/12 0004-0050 program of rock music, ID's, requests for reports to MN address, weak but readable o/u beacon. (JS)

1622 WKUE 8/4 0015+ weak but readable w/program of oldies, DJ was 'Mr. Coffee', weak but readable. (JS-OH)...Per Starr tip, noted 8/4 0020 w/same, signal fading badly but readable at times at good level. DP is just about the same as the old NYC gang. (DS-DE)

1631 KROK/KAOK 8/4 0106+ very weak under static so not certain of calls, 50's/60's music, comedy skit, could be a spur, odd choice of freq. if this is a pirate. (JS-OH)

****CONVENTION '85 NOTES**** (Bruce Conti)

650 WNRG 8/31 2330 heard simulcasting RI-104 w/good signal, very good audio.

906.4 WATA 8/31 1448 good w/old blues music, remote relay of 'WATA Athol' for NRC Conventioneers.

****CONTRIBUTORS****

BC-NH/Bruce Conti, New Ipswich, NH/DX400, R70, SM2, LW
 KG-PA/Kermit Geary, Walnutport, PA/HQ180, R389, SM2, LW
 RUGG-VAC/Andy Rugg Vacation notes, Nuns Island, PQ/Delco Car Radio, TRP
 MD-MA/Marc DeLorenzo, Holliston, MA
 JS-OH/Jerry Starr, Hubbard, OH/HQ180, HQ180, Loop, LW
 LHC-CA/Les Carpenter, El Toro, CA
 MS-ON/Morris Sorensen, Milton, ON/TRP, DX302, Loop
 DS-VA/Dave Schweikart, Fairfax, VA
 WCM-ND/William C. Moser, Wishek, ND/Zenith K731
 WPT-DC/Bill Townshend, Washington, DC/Portavision 12-660, the NRC 'Walkman'
 RCW-MI/Bob Walker, Walled Lake, MI/Uniden CR 2021, Superadio
 JM-PA/John Malicky, Pittsburgh, PA/Aiwa AR 158
 CR-IL/Christos Rigas, Chicago, IL/R2000, ICF 2002, Kowalksi Loop
 PO-NH/Patrick O'Connor, Hinsdale, NH
 BH-NJ/Bob Harrison, Union, NJ/Superadio
 EE-IL/Ed Eisentraeger, Machesney Park, IL/NC183-D, SM2
 DS-DE/You expected Poonman?/HQ180A, HQ180AX, LW, SM2, Superadio, Dixie Cup & String

It was good to see all at the convention, even though many were very busy, it was most enjoyable. I do hope that we will have a good turn-out for the '86 convention to be held in the New Castle, Delaware area by yours truly next Labor Day weekend. As the season starts up and DX NEWS starts up on the weekly schedule, we'll keep you posted on locations, prices, etc. We'll have a separate address on where to write for info as the time draws nearer. NO phone calls, please!

A couple of notes were misplaced and I couldn't find one note from Joe Fela, likely the dog ate that one-hill! Sorry if anything didn't show.

John Malicky has offered to help with the f/c list and helping get info together for the new list. If you have any f/c info, please send it along to be included in this years list.

And that, my friends, is it!

73's- Good DX!

Chuck Hutton, 437 Hardendorf Ave., Atlanta, GA 30307 (404) 378-8215

Times are GMT

For ELT subtract 4 hours.

Deadline: Monday

- 580 PANAMA David R.P.C. HOH4 6/29 1030 full listing of all R.P.C. stations, freqs and calls--possible s/on. Into pop mx, some SS translations of U.S. pops. (Wood)
- 660 HONDURAS La Ceiba HRNN18 6/25 lively morning show "Adelante campesinos", subtle messages on Honduran democracy and freedom, folksy style greeting peasants. Dominant. (Wood)
- 680 MEXICO Leon La Grande XELG 5/20 07*p (Richard-that's what you typed... Chuck) ID "en L-G", vocals. Not enough for a report. (Wood)
- 780 VENEZUELA Ciudad Bolivar Ecos del Torbes YUOD 6/22 0930 many IDs as "Ecos del Torbes, su emisora predilecta" and "Ecos del Torbes siete ochenta". Wakeup show announcing news to follow at 1000. Dominant over KROW, // SW. This is a station Radio Earth is negotiating to get on, but may only buy time on the SW. (Wood) Unless they have rocks in their heads... Why would they even think of MW? Chuck
- 805 ECUADOR Quito Canal Tropical HCFV1 1038 6/25 greeting local listeners, tropical mx. (Wood)
- 850 CHILE unknown location, Radio Nacional 6/25 1032 ID as "Nacional de Chile" (no "Radio"), mentions of Rosario, a town southeast of Antofagasta, so could be the location of this new, unlisted outlet, commercials (yes, commercials on a Radio Nacional) for automatic washers and a computer programming course, 1039 ID again as Nacional de Chile and time check as "21 minutos para las 7 de la mañana". Pete Taylor, any listing for this? (Wood)
- 915 SURINAM Nieuw Nickerie RANI 6/19 0958 repetitive beat of a simple drum (probably IS), 1000 Hindustani ID, mention of "Sarnam". New country, much wanted, first of the three former Guianas heard here. Not enough for a report. Measured on 915 despite reports and listings on 914. (Wood)
- 960 PERU Lima R. Panamericana oax4a 6/20 1046 bumper sticker contest, amny IDs as "Panamericana", time checks, PSAs to peasants on planting seed, nx "La Rotativa del Aire". Dominant. (Wood)
- 970 ECUADOR Ibarra R. Continente HCMB1 1000 6/25 "Gloria a Ti" anthem, four verses, 1005 s/on wording, ID, into morning show; still heard 1025 with mentions of Ibarra. (Wood)
- 985 PERU Lima Estacion X OBX4J 6/20 1120 time check, interview w/musician, Peruvian mx. Just 25 KHz separation from other Limas on 960 and 1010. (Wood)
- 1090 BRAZIL Rio de Janeiro R. Metropolitana ZYJ468 6/30 0530 full ID as "ZYJ468 Radio Metropolitana, 1090 KHz, Rio de Janeiro, Brasil", into serious news discussion. In the clear, XEPRS came up later. (Wood)
- 1130 ARGENTINA Santiago del Estero Radio Nacional LRA21 6/26 1021 local temperature and humidity, alternating male and female voices, nx, time checks. Dominant over KWKH. (Wood)
- 1200 PERU Lima R. Lima OAX4B 6/27 0530 ID "Radio Lima 1200 kilociclos se complace en presentar...", dominant, little sign of WQAI. My third Peruvian on 1200; the first two were from the provinces, Lima only after those. (Wood)
- 1295 ECUADOR Santo Domingo de los Colorados Radio Festival, HCRUI 6/30 running late or AN for a ceremony apparently creating a new "Provincia Central". Andean mx. Good. (Wood)
- 1310 VENEZUELA Barcelona Radio Nacional YU.. 6/22 1019 ID "Radio Nacional de Venezuela", accordion mx, dominant; KDIA reportedly reactivated but not heard yet. (Wood)
- 1430 MEXICO Chihuahua XEDI 6/30 0556 ad for travel agency in Chihuahua, 0604 call ID but not enough for a report. XEOX mostly dominant. (Wood)
- 1430 VENEZUELA Guaraca R. Satellite YUJA 6/30 0605 s/off wording, vocal anthem, off 0607. O/u XEOX. (Wood)
- 1460 COLOMBIA Pasto La Voz de la Amistad, HJNA 6/27 1000 "Buenos dias" and anthem, 1002 full ID, into romantic mx. Might not have been s/on, could have run all night as announcement was made before not after the anthem. (Wood)
- 1480 GUATEMALA Guatemala La RH, TGBH 6/24 1030 discussion on new evangelical TV station in Guatemala sponsored by bible bookshop; 1058 marimba mx. Not clear how the name RH relates to the calls TGBH or what RH stands for. (Wood)
- 1555 ECUADOR El Guabo El Oro La Voz del Guabo HCTR3 6/30 0655 tropical mx, 0658 ID, 0700 possible sign off but on fade then. (Wood)
- 1580 ANTIGUA St. John's VOA 7/17 and 7/19 0030-0200 heard both evenings with music programs until 0100, then VOA news with most reports concerning Central America and the Soviets, continuing past 0200 o/u CBJ. (Conti)

Craig Healy, 66 Cove Street, Pawtucket, RI 02861

1600-1800 KHz Range

Times are GMT

Deadline: Last Sat. of Month

September 1985....A few loggings of mine:

- 1610 ANGUILLA 0224-0232 8/25 R. Anguilla w/ ID into rel mx. Good, but SAH from TIS stations (probably).
- 1617.5 ??? 0406 8/25 Cubic Argo, fair.
- 1627 ??? 0407, 0412 8/25 KA83780, good.
- 1635 ??? 0422 8/25 V383 and dash, poor.

The September issue of Monitoring Times has an article on public radio use in Alaska. There are a number of frequencies listed, all SSB: 1643, 1646, 1649, 1652, 1657, 1660, 1705, 1709 and 1712 kHz. Could be good targets if you're trying to hear all states.

Since the new season is upon us, a review of what we can and can't use might be in order. No loggings of carriers without modulation (AO), no cordless phones, no pirate stations, and nothing above 1800 kHz except harmonics of CB stations. Anything else is fair game.

That's it for now. Please listen and report. The best conditions have been early in the season the past couple of years. Don't miss it!

1985 CONVENTION REPORT

The Convention was held this past Labor Day at the Ramada Inn in Portsmouth, RI. One very unwelcome guest did dampen the festivities a bit. That guest was a slow moving storm that dropped about 5 inches of rain on the area Friday and part of Saturday. Guess we have to invite the weatherman next time...

Forty-eight people were at the Banquet, including a number of non-members. Two speakers were heard:

George Downs, W1CT, gave a talk on the applications of a device called the DX Edge. This was demonstrated by calculating the possibility of several dark paths between given locations.

Robert Merriam, W1NTE, spoke on the history of radio. He had many slides of old radio equipment and stations. Quite a few slides were of gear in the Antique Wireless Museum that he runs.

The Business Meeting followed the Banquet. Delaware was chosen as the next Convention site, with Dave Schmidt hosting that one.

The Auction was next, with the usual assortment of shirts, stickers and other promo items being the major bulk of things sold. A couple of radios were in there, too, but no "big money" items sold this time.

Rampant Tourism took over on Sunday, with a dozen people going to the Radio Museum mentioned by the Banquet speaker. Others did station tours and some folks disappeared entirely, never to return.

The financial aspects will be left to Dick Truax to report. A profit was made by this convention, and will help keep dues down for all of us.

See you in Delaware! Craig Healy

Brought unto you from the midst of the summer drab, dreary, disastrous, debilitating DX doldrums by:

Bruce Conti-New Ipswich, RI R70, SM2
Richard Wood-Hilo, HI R71A, 3 Beverages

What a column we have this time. We have contributions from Bruce Conti, Jody Hughes, and Dave Schmidt, plus a few items from non-member Al Holtz, with whom I worked at Conrail, and the usual welcome contributions from Pete Nolan. Also, having enjoyed a week's vacation with the family in the Mohawk Valley of New York, and my annual rail trip, this year through Michigan and Chicago, one can hear a lot of stations aboard Amtrak. Also, found several cordial broadcasters on a swing through Toledo - look for upcoming profiles, and several bizarre facilities in metro Detroit - one even refused to allow a profile, but I was given a lot of promotional stuff by the GM. The codes for this column... (C) for Bruce Conti, (H) for Jody Hughes, (S) for Dave Schmidt, (ATH) for Al Holtz, (N) for Pete Nolan, and (P) for ye editor. Here we go.....

560 WCLK NY Catskill - CHR, TLK(F).
 580 WKSK NC W. Jefferson - CWM, dropping CWM/T40 mix(S).
 CKWN ON Winsor - Ad. Con, News "Spirit of Windsor"(F).
 590 WKZO MI Kalamazoo - MOR(F).
 WROW NY Albany - "Light Music", Ad. Con.(F).
 620 WHEN NY Syracuse - Still CHR/T40 has it has been for years(F).
 660 WCRH VA Rural Retreat - CWM(S).
 740 WBSR FL Boca Raton - ADCon(H).
 770 WYRV VA Cedar Bluff - T 40/CHR(S).
 790 WLBE FL Leesburg - NOS(H).
 850 WRMR OH Cleveland - Ex-WJW, News, now Ad. Con(N).
 900 WJWL DE Georgetown - MYL(S).
 WFRO OH Fremont - Rock, Ad. Con(F).
 920 WGHQ NY Port Ewen - Still CHR, NBC(F).
 930 WBCK MI Battle Creek - Ad, Con, NBC (F).
 WIZR NY Johnstown - Ex-WMYL, still MYL format(F).
 KRNN TX Terrell Hills - Nx/TLK as of 6/17(N).
 950 WJPC IL Chicago - Still Blk/Rok, seems to be automated(F).
 WWJ MI Detroit - All Nx, local CBS outlet.(F).
 WHVW NY New Hyde Park - Old, BBD, MYL stuff(F).
 960 WJCM FL Sebring - Soon to drop MYL for Ad. Con.(H).
 970 WKHM MI Jackson - MOR, some TKL, CBS(F).
 KHVN TX Fort Worth - Ex-KSAX, Jazz, now Rel/Gos(N) Call probably stands for "Heaven"(F).
 WANZ VA Waynesboro - Running SMN CWM service, may have new call per AM Switch(S).
 980 WONE OH Dayton - CWM(F).
 1000 WIXI FL Jupiter - CHR(H).
 1050 WRPT NH Petersborough - simulcasts WMDK-FM, Id's as "92-MDK" except at the top of the hour when full AM and FM ID's are given using Petersborough-Milford two city ID, MOR mx(C).
 WPAG MI Ann Arbor - MOR, A(1) Nx, heavily into farm and agricultural features (F).
 1060 WHPB MI Benton Harbor - Lots of info, MOR(F).
 1070 KDSI TX Alice - Ex-KOPY, CWM, now Spanish (N).
 1090 WCAR MI Livonia - ID's "Livonia-Detroit", although deep nul into Detroit, hours 0600-2300 daily, power is 250/500 U-4 w/ 10 tower array, format is REL, ETH, TLK. Nice office, studio facility.(F).
 1100 WWWE Oh Cleveland - Nx/TLK(N).
 1140 KCSY AK Soldatna - New, Ad. Con(N).
 1150 WTMP FL Temple Terrace - R. and B. (H).
 WNDB FL Daytona Beach - Ad. Con. (H).
 1170 WRTT CT Vernon - Silent(N).
 WAVS FL Davie - Urban Contemporary, REL(H).
 1190 WREM FL Pine Castle - Oldies, 50's to 70's (H).
 WSCM NY Cobleskill - CHR, some TLK(F).
 900 (yes, I know, out of sequence) WDVT PA Philadelphia - Ex-WFLN-AM, Cla, is now Delaware Valley Talks of August 5 (ATH).
 1230 WHUC NY Hudson - Ad. Con. "Spirit of the Hudson Valley"(F).
 WLPF NY Little Falls - "Country 123", CWM, some Ad. Con.(F).
 1240 WMPL FL Monticello - CWM, CHR (H).
 WCWA OH Toledo - Still BBD(F).
 WWWD NY Schnectardy - Still automated AOR(F).
 1260 WELL MI Albion - EZL, BFL(F).
 WNDR NY Syracuse - Oldies, 50's to 70's(F).
 WBBG OH Cleveland - Still BBD, station has been sold, expect a format change(F).
 WIII VA Christiansburg - CHR/T40, not CWM(S).

1270 WXYT MI Detroit - "News Radio 1270", local Mutual outlet(F).
 1290 WPCK FL W. Palm Beach - Drops CWM for EZL(N).
 WNIL MI Niles - Mutual, MOR(F).
 WRRS MI Saline - Ad. Con., no longer All News(F).
 1300 WQBK NY Rensselaer - CBS, "News Talk 130"(F).
 1310 WNIC MI Dearborn - CHR, "Detroit's Nicest Rock" (F).
 1320 WOBL OH Oberlin - Still CWM(F).
 1340 WENT NY Gloversville - CBS, Ad. Con.(F).
 WHAT PA Philadelphia - Black adult standards (a specialized variation of MYL???) (ATH).
 1360 WKMI MI Kalamazoo - "What does that call stand for? See 590!! Format: Ad. Con...ID's as "KMI" (F).
 1380 WLRO OH Loraine - BBD(F).
 1390 WDOT VT Burlington - ID's as "Stereo Country 1390", and "The Winner in the Champlain Valley", CWM, carries American Country Countdown on Saturday nights(C).
 1400 WGGI IL Chicago - "Adult Music - AM 1390", Black, Rock(F).
 WKNR MI Battle Creek - Ad. Con. (F).
 WQBK MI Detroit - "Your Community Station", "Q-14", Black, Morning Magazine info block, lots of gospel and Gospel Talk shows(F).
 1420 WABY NY Albany - Still MYL(F).
 WKPR MI Kalamazoo - Rel, TLK(F).
 WMYL NY Herkimer - MYL, call moved up the Mohawk Valley from Johnstown(F).
 1440 WMER ME Westbrook-Portland - ID's as "Greater Portland's business,(C) talk, and sports station." Also runs "Soft-cast computer programs over the air. CNN net.
 WDWOW MI Dowagiac - CWM(F).
 WCHB MI Inkster - ID's for "Inkster-Detroit", Black, Gospel, RB, studios are in the middle of nowhere in Romulus, near end of runway at Detroit Metro Airport, as is very short twelve tower setup, scattered all over a field in back of the studio building(F).
 1450 WKIP NY Poughkeepsie - CHR(F).
 WXCM MI Jackson - Still CWM(F).
 WLEC OH Sandusky - ROCK(F).
 1460 WPON MI Pontiac - Delightful combination of ETH and MOR(F).
 1470 WKLZ MI Kalamazoo - What does THAT call stand for..see 590 and 1360.....format is CWM(F).
 WOHO OH Toledo - Adult standards, Transtar per DS, but live while I was standing in the control room, no net(F).
 1480 WSDS MI Ypsilanti - CWM, Mutual(F).
 1490 WNDU IN South Bend - "15-Country" CWM(F).
 WCSS NY Amsterdam - CWM, MOR, Hours are 0600-2200 daily(F).
 WKNY NY Kingston - Old rock, CBS(F).
 WKVT VT Brattleboro - Now News-Talk, with Adult standards(N). (F).
 1500 WJCO MI Jackson - Old Rock, "AM-15 Stereo", "Radio Jackson"
 1510 WPUT NY Brewster - Drops MYL for MOR "AM-1510" (F).
 1520 WYFC MI Ypsilanti - REL(F).
 1570 WKOL NY Amsterdam - Rock on Weekdays, CWM, BBD, Gospel on WE, "Voice of the Mohawk Valley"(F).
 1600 WAAM MI Ann Arbor - A(c) News, Ad. Con., "AM-16" (F).

And some info from Dave Schmidt....1480 - WSAY, Salem, VA is not on a REL format, but is still on a "Station of the Stars" format, witha MYL format.

And that is it for now. I hope to get to the Convention for a day or so, but, may have some family obligations. Hope that the Convention is a success. Meanwhile, get your format changes into the column, which will be a help to many of us as a new DX season will be here before long.

73's.....

72

BANDSCAN

Bandscan has returned! I have been annoyed, appointed, handcuffed by Eric Suenecan to do Bandscan. Little Eric has gone off to St. Louis Community College to be, in his words, "a pint-sized Jerry Starr"-hi! He'll study broadcasting. From Eric's letter in July, he was as the slogan went, "looking for a few good men(man)". So, with ribbon changed over, a backup new ribbon, new correction tape, and appropriate 8 x 14" paper, I think I'm set. If only my high school typing teacher, Mrs. Cartwright, could see me now! Just in case you're wondering, I'm using a portable Smith-Corona typewriter. So the torch has been passed on once again, beginning with Terry Klasek, then Eric, and now here. I thought Terry's idea was very good to start this kind of column, because it gave members a chance to see what was heard in different parts of the country/world and if the place was visited, to use the particular scan as a guide. However, with the abbreviations, I quickly skimmed over the column and never really looked the stations up. Last February, Eric decided to change the column making it easier to read so members wouldn't have to look anything up. This is how I hope to continue. It may take up a little more space, but I think it will be worth it. I hope you will enjoy Bandscan. Remember, please list date, time, frequency, updated calls, city, state, and equipment, thank you. Now, for your enjoyment, our first two scans come from Roger Winsor of Champaign, Illinois and Richard E. Berg-Anderson of Woodside, New York. Richard includes a numbered Signal-Interference-Overall report.

FREQ	(RW-IL) Day	151 total	(REBA-NY) Day (11-14h EST, FEB/MAR, 85) 67 t
540	WYLO-Jackson, MI/ KMMT-Ft. Dodge, IA		WLIX-Ielip, NY 444
550	KUSA-St. Louis/ WKRC-Cincinnati		WYNG-Pawtucket, RI 111
560	WIND-Chicago		WFIL-Philadelphia
570	WKYY-Paducah, KY		WYCA-New York 555
580	WILL-Urbana, IL		.....
590	WRTM-Wood River, IL		WARM-Scranton, PA 233/ WROK-Albany, NY 344
600	WMT-Cedar Rapids, IA		WIOC-Bridgeport, CT 444
610	WTVN-Columbus, OH/ WYRU-Russellville, KY		WIP-Philadelphia 211
	WDAF-Kansas City		.....
620	WTMJ-Milwaukee/ WTMT-Louisville, KY		WSKX-Newark, NJ 555
630	WKOK-St. Louis		.....
640	WGI-Ames, IA		.....
650	WSSW-Masonville		.....
660	.....		WNBO-New York 555
670	WMAQ-Chicago		.....
680	KFEZ-St. Joseph, MO		WADG-Ansonia, CT 222
690	WSTL-St. Louis		.....
700	WLS-Cincinnati		WOR-New York 555
710	WKB-Kansas City		.....
720	WGN-Chicago		WACE-Chicopee, MA 232
730	WRE-Warrenton, MO		WGSX-Huntington, NY 343
740	WVLM-Olney, IL		.....
750	.....		.....
760	WJR-Detroit		.....
770	WEM-St. Louis		WABC-New York 555
780	WBBM-Chicago		.....
790	WAKY-Louisville, KY		WABE-Allentown, PA 111
800	WKZI-Casey, IL/ WKIO-Iowa City, IA		WLAD-Danbury, CT 111/ WTNR-Camden, NJ 222
	WKLN-Indoor, ON		.....
810	WGRT-Indianapolis/ KCMO-Kansas City		WGY-Schenectady, NY 112
820	WAIT-Chicago		.....
830	.....		WNYC-New York 555
840	WFAS-Louisville, KY		.....
850	WIVS-Crystal Lake, IL/ WFOU-Glayton, MO		.....
860	WGOH-Marion, IN/ WFOC-Muscataine, IA		WTEL-Philadelphia 222
870	.....		.....
880	.....		WOSB-New York 555
890	WLS-Chicago		.....
900	WPAF-Fulton, MO		WQVT-Philadelphia 233
910	WAAO-Lawrenceville, IL/ WSUI-Iowa City, IA		WRAL-New City, NY 344/ WROQ-New Britain, CT
920	WBAA-West Lafayette, IN		..... 132
930	WTAD-Quincy, IL		WPAT-Paterson, NJ 555
940	WKIX-Mt. Vernon, IL		WINE-Brookfield, CT 122
950	WJFC-Chicago/ WXLN-Indianapolis		WPER-Philadelphia 132
960	WSTT-South Bend, IN/ WDMX-East Moline, IL		WELI-New Haven, CT 444
970	WQAY-Springfield, IL/ WMA-Madison, WI		WWDH-Hackensack, NJ 555
980	WSSW-Chester, IL/ WITY-Danville, IL		.....
990	WCAZ-Carthage, IL/ WITZ-Jaspur, IN		.....
1000	WQFL-Chicago		.....
1010	WCSI-Columbus, IN/ WXEN-St. Louis		WINS-New York 555
1020	WCIH-Carbondale, IL/ WPEC-Feoria, IL		.....
1030	.....		WBZ-Boston 334

FREQ	(RW-IL) Day	(REBA-NY) Day (11-14h EST, FEB/MAR, 85)
1040	WBO-Des Moines, IA	.....
1050	WUZ-Decatur, IL	WNN-New York 555
1060	WMOL-McLeansboro, IL/ WMLL-Rochelle, IL	.....
1070	WISG-Indianapolis/ WMMO-Hannibal, MO	WMMB-Stirling, NJ 444
1080	WFOA-Fontana, IL/ WMMI-Valparaiso, IN	WTIC-Hartford, CT 455
1090	WORA-Effingham, IL/ WGLO-Mendota, IL	WBAL-Baltimore 333
1100	.....	WHLI-Hempstead, NY 434
1110	WBLI-Chicago	WGHV-Norristown, PA 132
1120	WNOX-St. Louis	.....
1130	WISN-Milwaukee	WNEW-New York 555
1140	WVEL-Fekin, IL	.....
1150	WGOH-Marion, IL	WONX-Middletown, CT 333
1160	WJJD-Chicago	.....
1170	WLSH-Mattoon, IL	WBRV-Somerville, NJ 333
1180	WDSG-Jacksonville, IL/ WJUN-Newburg, IN	.....
1190	WGOO-Ft. Wayne, IN	WLIB-New York 555
1200	.....	.....
1210	WILY-Centralia, IL	WCAU-Philadelphia 444
1220	WLPD-LaSalle, IL	WSCR-Harden, CT 121
1230	WJBC-Bloomington, IL/ WBOH-Terre Haute, IN	WVAB-White Plains, NY 444
1240	WTAX-Springfield, IL	WGBS-Freepport, NY 344
1250	WIZZ-Streator, IL/ WRAY-Frinceton, IN	WNTN-Morristown, NJ 334
1260	WISV-Bellefonte, IL/ WNDI-Indianapolis	WMMG-Westport, CT 223
1270	WEO-Charleston, IL/ WHPF-Rock Island, IL	.....
	WCCA-Gary, IN	.....
1280	WRRG-Aurora, IL/ WJBF-Evanville, IN	WALO-New York 555
1290	WIRL-Feoria, IL	WGLI-Babylon, NY 111
1300	WTAC-LaGrange, IL/ WFFR-Terre Haute, IN	WAVZ-New Haven, CT 343
1310	WALF-Indianapolis	WJLA-Asbury Park, NJ 232
1320	WGAN-Mankakee, IL	WKAJ-Allentown, PA 111
1330	WVHI-Evanville, IN	WNYM-New York 555
1340	WBOY-Decatur, IL/ WJOL-Joliet, IL	WNEC-New Haven, CT 111/ WVID-Atlantic City
1350	WXLN-Feoria, IL/ WJBD-Sales, IL	WNLR-Norwalk, CT 344 NJ 111
1360	WQFA-Watsoka, IL	WDRG-Hartford, CT 233
1370	WPRC-Lincoln, IL	.....
1380	.....	WADM-New York 555
1390	.....	.....
1400	WDBS-Champaign, IL	WSTO-Stanford, CT 454
1410	.....	WFOF-Hartford, CT 212/ WHTG-Eatontown, NJ
1420	WEMS-Michigan City, IN	..... 121
1430	WIRB-Indianapolis	.....
1440	WMLA-Mormal, IL/ WFRS-Faris, IL	WNUJ-Newark, NJ 555
1450	WQVS-Springfield, IL/ WASK-Lafayette, IN	WNTG-Babylon, NY 322
1460	WRTL-Rantoul, IL	WNAB-Bridgeport, CT 211/ WOTO-New Bruns-
1470	WMSD-Feoria, IL	WVXX-New Rochelle, NY 343 wick, NJ 322
1480	.....	.....
1490	WDAK-Danville, IL	WJIT-New York 555
1500	WBRJ-Indianapolis/ WAKE-Valparaiso, IN	WGHG-Greenwich, CT 222
1510	WJRO-Joliet, IL	WFIF-Milford, CT 131
1520	WHDG-Clinton, IL	.....
1530	WQAY-Cincinnati	WTHE-Mineola, NY 111
1540	WXXI-Litchfield, IL/ WXEL-Waterloo, IA	.....
1550	WCSJ-Korris, IL/ WCVL-Crawfordsville, IN	.....
1560	WSHY-Shelbyville, IL/ WRIN-Rensselaer, IN	WQXR-New York 555
1570	.....	.....
1580	WJTA-Urbana, IL	.....
1590	.....	.....
1600	.....	WVRL-New York 555

Done! It only took about 2 weeks-hi! The contributors:

- (RW-IL) Roger Winsor, Champaign, IL (no equipment listed) Home of the University of Illinois
 (REBA-NY) Richard E. Berg-Anderson, Woodside, NY (WDX2RSG/ANY2XN) (GE Superadio and Sony ICF-6500M, both with built-in antenna) Home of WURL-New York
 (JM-FA) Your careful typist.
 Thank you Roger and Richard, and for being my first scanners.

PITT(er) PATTEN: When space permits, I'll list my scan...look carefully, can you find where I started my new ribbon?...off my correction tape, I made 31 mistakes, but I had to look at the keys...until next time, 73s to all! Jim

GRAVEYARD DX ACHIEVEMENTS

William R. Hale, 9823 N. Meadow, Converse, TX 78109

Totals on 1230, 1240, 1340, 1400, 1450, and 1490 KHz Frequencies

1400 KHZ GRAVEYARD ACHIEVEMENTS

PRIOR TO JAN 1, 1960
DATE OF LAST UPDATE: SEP 5, 1985

WMSL	DECATUR (AL)	CARL DABELSTEIN	OMAHA (NE)	665
WXAL	DEMOPOLIS	FRANK WHEELER	ERIE (PA)	779
WFPA	FORT PAYNE	DON KASKEY	GALVA (IA)	780
WGVV	GREENVILLE	DON KASKEY	OMAHA (NE)	840
WJLD	HOMENWOOD	FRANK WHEELER	ERIE	697
WJHO	OPELIKA	FRANK WHEELER	ERIE	717
KCLF	CLIFTON (AZ)	DON KASKEY	GALVA	1005
KTUC	TUCSON	DON KASKEY	GALVA	1115
KYMA	YUMA	DON KASKEY	GALVA	1245
KELD	EL DORADO (AR)	ERIC MCINTOSH	INVERCARGILL (NZ)	8231
KCLA	PINE BLUFF	DON KASKEY	GALVA	620
KRE	BERKELY (CA)	ERIC MCINTOSH	INVERCARGILL	7232
KREO	INDIO	STAN MORSS	BRADFORD (PA)	2350
KSLY	SAN LUIS OBISPO	DON KASKEY	SACRAMENTO (CA)	235
KSPA	SANTA CLARA	ERIC MCINTOSH	INVERCARGILL	7151
KONG	VISALIA	ERIC MCINTOSH	INVERCARGILL	7263
WFTL	FT. LAUDERDALE (FL)	FRANK WHEELER	ERIE	1076
WNUJ	FT. PIERCE	DON KASKEY	GALVA	1370
WPCF	FT. WALTON BCH	FRANK WHEELER	ERIE	871
WTRR	PANAMA CITY	DON KASKEY	GALVA	1025
WCLB	SANFORD	FRANK WHEELER	ERIE	907
WSEC	CAMILLA (GA)	FRANK WHEELER	ERIE	527
WNEK	ELBERTON	FRANK WHEELER	ERIE	625
KIFI	MACON	DON KASKEY	GALVA	940
KRPL	IDAHO FALLS (ID)	ERIC MCINTOSH	INVERCARGILL	7885
WDWS	MOSCOW	ERIC MCINTOSH	INVERCARGILL	7859
WGIL	CHAMPAIGN (IL)	FRANK WHEELER	ERIE	461
WEDA	GALESBURG	FRANK WHEELER	ERIE	523
WBAT	EVANSVILLE (IN)	DON KASKEY	GALVA	525
KCOG	MARION	DON KASKEY	GALVA	525
KVFD	CENTERVILLE (IA)	DON KASKEY	GALVA	190
WIEL	FT. DODGE	RALPH SPERRY	FAIRFIELD (CT)	1000
WRDO	ELIZABETHTOWN (KY)	DON KASKEY	GALVA	610
WWIN	AUGUSTA (ME)	FRANK WHEELER	ERIE	533
WALE	BALTIMORE (MD)	ERIC MCINTOSH	INVERCARGILL	9202
WKNR	FALL RIVER (MA)	FRANK WHEELER	ERIE	450
WJLB	BATTLE CREEK (MI)	FRANK WHEELER	ERIE	261
WIBM	DETROIT	FRANK WHEELER	ERIE	154
WSAM	JACKSON	ERIC MCINTOSH	INVERCARGILL	8959
WTCH	SAGINAW	FRANK WHEELER	ERIE	220
KMHL	TRAVERSE CITY	DON KASKEY	GALVA	510
WMIN	MARSHALL (MN)	DAN PHILLIPS	CLINTON (TN)	1025
WHLB	ST. PAUL	DON KASKEY	GALVA	200
WVAD	VIRGINIA	FRANK WHEELER	ERIE	712
WFOR	GRENADE (MS)	FRANK WHEELER	ERIE	718
WJOS	HATTIESBURG	FRANK WHEELER	ERIE	892
KFRU	JACKSON	DON KASKEY	GALVA	775
KSIM	COLUMBIA (MO)	FRANK WHEELER	ERIE	670
KTTT	SIKESTON	DON KASKEY	GALVA	510
KOLN	SPRINGFIELD	FRANK WHEELER	ERIE	718
KPTL	LINCOLN (NE)	DON KASKEY	GALVA	145
KWNA	CARSON CITY (NV)	ERIC MCINTOSH	INVERCARGILL	7389
WOND	WINNEMUCCA	ERIC MCINTOSH	INVERCARGILL	7552
KTRC	PLEASANTVILLE (NJ)	DON KASKEY	GALVA	1105
KCRS	SANTA FE (NM)	FRANK WHEELER	ERIE	1466
KTNM	TRUTH OR CONSEQUENCES	FRANK WHEELER	ERIE	1460
WABY	TUCUMCARI	ERIC MCINTOSH	INVERCARGILL	7834
WSLB	ALBANY (NY)	FRANK WHEELER	ERIE	393
WHCC	OGDENSBURG	FRANK WHEELER	ERIE	287
KNDX	WAYNESVILLE (NC)	FRANK WHEELER	ERIE	477
WMAN	GRAND FORKS (ND)	DON KASKEY	GALVA	375
WPAY	MANSFIELD (OH)	DON KASKEY	GALVA	675
KWON	PORTSMOUTH	DON KASKEY	GALVA	705
KNDR	BARTLESVILLE (OK)	FRANK WHEELER	ERIE	923
KWIN	NORMAN	FRANK WHEELER	ERIE	1025
WEST	ASHLAND (OR)	DON KASKEY	GALVA	1400
WKBI	EASTON (PA)	FRANK WHEELER	ERIE	256
WRBK	ERIE	FRANK WHEELER	ERIE	5
WBSC	ST. MARYS	FRANK WHEELER	ERIE	82
WCOS	WILLIAMSPORT	FRANK WHEELER	ERIE	164
WGTN	BENNETTSVILLE (SC)	DON KASKEY	GALVA	1015
WJZM	COLUMBIA	FRANK WHEELER	ERIE	555
WHUB	GEORGETOWN	DON KASKEY	GALVA	1090
WKPT	CLARKSVILLE (TN)	DON KASKEY	GALVA	605
WHAL	COOKEVILLE	DON KASKEY	GALVA	700
KTXC	KINGSPORT	FRANK WHEELER	ERIE	400
KILE	MARYVILLE	FRANK WHEELER	ERIE	469
KGVL	SHELBYVILLE	DON KASKEY	GALVA	695
KIUN	BIG SPRING (TX)	DON KASKEY	GALVA	795
KTEM	GALVESTON	ERIC MCINTOSH	INVERCARGILL	7960
KTFB	GREENVILLE	FRANK WHEELER	ERIE	1056
KCSU	PECOS	FRANK WHEELER	ERIE	1435
WLOW	TEMPLE	FRANK WHEELER	ERIE	1205
WHLF	TEXARKANA	FRANK WHEELER	ERIE	953
WINC	PROVO (UT)	DON KASKEY	GALVA	850
KRKO	PORTSMOUTH (VA)	DON KASKEY	GALVA	1090
	SOUTH BOSTON	FRANK WHEELER	ERIE	400
	WINCHESTER	FRANK WHEELER	ERIE	257
	EVERETT (WA)	DON KASKEY	GALVA	1355

KFDR	GRAND COULEE	DON KASKEY	OMAHA	1220
KRSC	OTHELLO	FRANK WHEELER	ERIE	1917
KYAK	YAKIMA	DON KASKEY	GALVA	1265
WRON	RONCEVERTE (WV)	FRANK WHEELER	ERIE	328
WMLK	WHEELING	FRANK WHEELER	ERIE	185
WBTH	WILLIAMSON	DON KASKEY	GALVA	775
WATW	ASHLAND (WI)	FRANK WHEELER	ERIE	615
WBIZ	EAU CLAIRE	FRANK WHEELER	ERIE	595
WDOZ	GREEN BAY	FRANK WHEELER	ERIE	420
CKOB	RENFREW (ON)	FRANK WHEELER	ERIE	277
KCFH	TORONTO	ERIC MCINTOSH	INVERCARGILL	9207
KCRN	ROUYN (PQ)	FRANK WHEELER	ERIE	428

1400 KHZ GRAVEYARD ACHIEVEMENTS

JAN 1, 1960 TO PRESENT
DATE OF LAST UPDATE: SEP 4, 1985

WXAL	DEMOPOLIS (AL)	ROBERT KRAMER	CHICAGO (IL)	655
WFPA	FORT PAYNE	RUSS EDMUNDS	PARSIPPANY (NJ)	790
WJLD	HOMENWOOD	STEVE FRANCIS	ALCOA (TN)	245
WJHO	OPELIKA	ROBERT KRAMER	CHICAGO	640
KXIV	PHOENIX (AZ)	GENE NIX	BILLINGS (MT)	850
KRVZ	SPRINGERVILLE	JIM HILLIKER	ANAHEIM (CA)	495
KTUC	TUCSON	DON KASKEY	SACRAMENTO (CA)	740
KVJY	YUMA	JIM HILLIKER	ANAHEIM	207
KELD	EL DORADO (AR)	RICH EDDIE	ST. LOUIS (MO)	415
KCLA	PINE BLUFF	ROBERT KRAMER	CHICAGO	585
KRE	BERKELY (CA)	ERIC MCINTOSH	INVERCARGILL (NZ)	7232
KRCQ	INDIO	JIM HILLIKER	ANAHEIM	102
KSLY	SAN LUIS OBISPO	GENE NIX	BILLINGS	935
KAAP	SANTA PAULA	LES CARPENTER	EL TORO	94
KUKI	UKIAH	LES CARPENTER	EL TORO	489
KNDE	VISALIA	LES CARPENTER	EL TORO	207
KRLN	CANON CITY (CO)	WAYNE HEINEN	COLORADO SPGS (CO)	50
KDTA	DELTA	CARL DABELSTEIN	OMAHA (NE)	665
KFTM	FORT MORGAN	CARL DABELSTEIN	OMAHA	410
KPAG	PAGOSA SPRINGS	CARL DABELSTEIN	OVERLAND PK (KS)	670
WSTC	STAMFORD (CT)	ANDY RUGG	MONTREAL (PQ)	305
WILI	WILLIMANTIC	ANDY RUGG	MONTREAL	270
WFTL	FT. LAUDERDALE (FL)	BRUCE CONTI	WEST WARWICK (RI)	1230
WNUJ	FT. WALTON BCH	RICH EDDIE	ST. LOUIS	625
WERD	JACKSONVILLE	ROBERT KRAMER	CHICAGO	875
WUEZ	SANFORD	ALAN IMPRESCIA	NEW YORK (NY)	925
WPAS	ZEPHYRHILLS	ALAN IMPRESCIA	NEW YORK	1010
WNEK	MACON (GA)	MIKE CSORBAY	CANFIELD (ON)	744
WMSA	SAVANNAH	RICH EDDIE	ST. LOUIS	660
KART	JEROME (ID)	ERNIE COOPER	PROVINCETOWN (MA)	915
KRPL	MOSCOW	LES CARPENTER	EL TORO	651
WDWS	CHAMPAIGN (IL)	PETE TAYLOR	SAN FRANCISCO (CA)	700
WGIL	GALESBURG	CARL DABELSTEIN	OMAHA	405
WRDZ	EVANSVILLE (IN)	MIKE CSORBAY	CANFIELD	567
WBAT	MARION	CARL DABELSTEIN	OMAHA	505
KCOG	CENTERVILLE (IA)	DEBRA HIDDEN	ORLANDO (FL)	865
KVFD	FT. DODGE	RICH EDDIE	ST. LOUIS	220
KVDE	EMPORIA (KS)	CARL DABELSTEIN	OMAHA	115
KAYS	HAYS	CARL DABELSTEIN	OMAHA	200
WCYN	CYNTHIANA (KY)	RICK CARR	BLOMINGTON (IL)	555
WIEL	ELIZABETHTOWN	CARL DABELSTEIN	LINCOLN (NE)	650
WFFR	HAMMOND (LA)	STEVE FRANCIS	ALCOA	170
KADK	LAKE CHARLES	BILL BERGADANO	STATEN IS. (NY)	1200
KWLA	MANY	CARL DABELSTEIN	LINCOLN	755
WRDO	AUGUSTA (ME)	ROBERT KRAMER	CHICAGO	795
WIDE	BIDDEFORD	CARL DABELSTEIN	OMAHA	1330
WMCS	MACHIAS	RODNEY VALDRON	PETIT ROCHER (NB)	380
WWIN	BALTIMORE (MD)	JERRY STARR	YOUNGSTOWN (OH)	740
WALE	FALL RIVER (MA)	ANDY RUGG	MONTREAL	445
WLLH	LAWRENCE	TIM KERFOOT	TORONTO	450
WLLH	LOWELL	GEORGE WALTON	EASTON (PA)	225
WHMP	NORTHAMPTON	TIM KERFOOT	TORONTO	410
WKNR	BATTLE CREEK (MI)	ANDY RUGG	MONTREAL	220
WJLB	DETROIT	STEVE FRANCIS	ALCOA	455
WGON	MUNISING	CARL DABELSTEIN	OMAHA	630
WSAM	SAGINAW	CARL DABELSTEIN	LINCOLN	615
WSJM	ST. JOSEPH	CARL DABELSTEIN	LINCOLN	660
WTCM	TRAVERSE CITY	MICHAEL JEZIORSKI	BROOKFIELD (IL)	73
KMHL	MARSHALL (MN)	DAVE YOCIS	EAST LANSING (MI)	140
WMIN	ST. PAUL	MORRIS SORENSEN	LEAF RAPIDS (MB)	935
WHLB	VIRGINIA	RICH EDDIE	ST. LOUIS	475
WBIP	BOONEVILLE (MS)	MORRIS SORENSEN	LEAF RAPIDS	755
WJMF	COLUMBUS	RALPH SPERRY	FAIRFIELD (CT)	900
WFOR	HATTIESBURG	BILL BERGADANO	STATEN IS.	900
WJQS	JACKSON	STEVE FRANCIS	ALCOA	455
KFRU	COLUMBIA (MO)	STEVE FRANCIS	ALCOA	440
KJCF	FESTUS	PETE TAYLOR	SAN FRANCISCO	1700
KSIM	SIKESTON	MIKE KNITTER	CAMBRIDGE (WI)	330
KTTT	SPRINGFIELD	JERRY STARR	YOUNGSTOWN	605
KDRG	DEER LODGE (MT)	WAYNE HEINEN	COLORADO SPGS	635
KXGN	GLENLIVE	TODD WILLIAMS	DELL (MT)	100
KARR	GREAT FALLS	MORRIS SORENSEN	LEAF RAPIDS	570
KBRB	AINSWORTH (NE)	PETE TAYLOR	SAN FRANCISCO	875
KCOW	ALLIANCE	MORRIS SORENSEN	GOD'S NARROWS (MB)	935
KLIN	LINCOLN	TODD WILLIAMS	HOOD RIVER (OR)	940
KBHI	HENDERSON (NV)	RICH EDDIE	ST. LOUIS	375
KWNA	WINNEMUCCA	MIKE KNITTER	RAPID CITY (SD)	825
WBRL	BERLIN (NH)	JIM HILLIKER	ANAHEIM	488
WVSL	HANOVER	STEVEN MILLER	BOSTON (MA)	110
WOND	PLEASANTVILLE (NJ)	RODNEY VALDRON	PETIT ROCHER	425
KTNM	TRUMCART (NM)	RICH EDDIE	ST. LOUIS	850
		JERRY STARR	HUBBARD (OH)	1300

WABY ALBANY (NY)
 WYSL BUFFALO
 WSLB OGDENSBURG
 WGBG GREENSBORO (NC)
 WSIC STATESVILLE
 WHCC WAYNESVILLE
 WSHY WELDON
 KEY3 JAMESTOWN (ND)
 WMAN HANFELD (OH)
 WPAV PORTSMOUTH
 KWON BARTLESVILLE (OK)
 KTHC MC ALESTER
 KNOR NORMAN
 KNND COTTAGE GROVE (OR)
 KJDY JOHN DAY
 KBCH LINCOLN CITY
 WEST EASTON (PA)
 WJET ERIE
 WFEC HARRISBURG
 WKBI ST. MARYS
 WICK SCRANTON
 WRAK WILLIAMSPORT
 WCOS COLUMBIA (SC)
 WGTN GEORGETOWN
 WKDY SPARTANBURG
 KBJM LEMMON (SD)
 WJZM CLARKSVILLE (TN)
 WHUB COOKEVILLE
 WLSB COPPERHILL
 WKPT KINGSPORT
 WCAP MARYVILLE
 WHAL SHELBYVILLE
 KILE GALVESTON (TX)
 KGVL GREENVILLE
 KEVE PERRYTON
 KVOP PLAINVIEW
 KTEM TEMPLE
 KVDU UVALDE
 KIXX PROVO (UT)
 WDOT BURLINGTON (VT)
 WKAV CHARLOTTEVILLE (VA)
 WHIH PORTSMOUTH
 WHLF SOUTH BOSTON
 WINC WINCHESTER
 KEDD LONGVIEW (WA)
 KTNT TACOMA
 WRON RONCEVERTE (NV)
 WSPZ SPENCER
 WKWK WHEELING
 MATW ASHLAND (WI)
 WBIZ EAU CLAIRE
 WDUZ GREEN BAY
 WRJN RACINE
 WRDB REEDSBURG
 KODY CODY (WY)
 CIHI FREDERICKTON (NB)
 CBWG GILLAM (MB)
 CKCB COLLINGWOOD (ON)
 CKOB RENFREW
 CBEE STURGEON FALLS
 CKRV DRUMMONDVILLE (PQ)
 CKFL LAC MEGANTIC
 C3FP RIVIERE-DU-LOUP
 CKFW SWIFT CURRENT (SA)
 XEEX CULIACAN (STN)

RODNEY VALDRON
 PAT HARTLAGE
 BILL BERGADANO
 ROBERT KRAMER
 RUSS EDMUNDS
 STEVE FRANCIS
 CHRIS LUCAS
 CARL DABELSTEIN
 CARL DABELSTEIN
 RUSS EDMUNDS
 WAYNE HEINEN
 CARL DABELSTEIN
 ROBERT KRAMER
 DON KASKEY
 TODD WILLIAMS
 RICHARD E. WOOD
 ANDY RUGG
 ERIC MCINTOSH
 ANDY RUGG
 CARL DABELSTEIN
 ANDY RUGG
 ANDY RUGG
 ANDY RUGG
 RON MUSCO
 ROBERT KRAMER
 MIKE KNITTER
 DAVE SCHMIDT
 FOREST OSBORN
 BILL BERGADANO
 DAVE FOX
 JERRY STARR
 BILL BERGADANO
 RICK CARR
 JERRY STARR
 WAYNE HEINEN
 CARL DABELSTEIN
 ERIC LOY
 RICH EDDIE
 BRETT HANAVAN
 TIM KERFOOT
 MIKE CSORBAY
 ANDY RUGG
 DAVE YOCIS
 TIM KERFOOT
 PETE TAYLOR
 DON KASKEY
 TIM KERFOOT
 ANDY RUGG
 BRUCE CONTI
 BILL BERGADANO
 RICH EDDIE
 MORRIS SORESENSEN
 MICHAEL JEZIORSKI
 JERRY STARR
 TODD WILLIAMS
 FRANK DAILEY
 MORRIS SORESENSEN
 STEVE FRANCIS
 TIM KERFOOT
 MORRIS SORESENSEN
 RODNEY VALDRON
 CHRIS LUCAS
 KEN ONYSCHUK
 MORRIS SORESENSEN
 RICHARD E. WOOD

PETIT ROCHER 530
 LOUISVILLE (KY) 490
 STATION IS. 295
 CHICAGO 585
 KINNELON (NJ) 495
 ALCOA 60
 ITHACA (NY) 420
 OMAHA 415
 OMAHA 665
 PARSIPPANY 490
 COLORADO SPGS 610
 OMAHA 435
 CHICAGO 700
 SACRAMENTO 375
 HOOD RIVER 130
 HILO 2524
 MONTREAL 330
 INVERCARGILL 9145
 MONTREAL 390
 OMAHA 890
 MONTREAL 290
 MONTREAL 330
 MONTREAL 875
 WINDSOR (CT) 700
 CHICAGO 580
 RAPID CITY 133
 NEW CASTLE (DE) 670
 HOOKER (OK) 830
 STATION IS. 700
 READING (PA) 460
 YOUNGSTOWN 420
 STATION IS. 650
 BLOOMINGTON 840
 HUBBARD 10225
 COLORADO SPGS 275
 LINCOLN 575
 MAHOMET (IL) 725
 ST. LOUIS 840
 CHULA VISTA (CA) 610
 TORONTO 310
 CANFIELD 354
 MONTREAL 615
 FAIRFIELD 450
 TORONTO 350
 SAN FRANCISCO 600
 SACRAMENTO (CA) 610
 TORONTO 420
 WATERLOO (ON) 325
 WEST WARWICK 500
 STATION IS. 925
 ST. LOUIS 450
 GOD'S NARROWS 1035
 BROOKFIELD 66
 YOUNGSTOWN 535
 MERRILL (OR) 275
 PRESTON (CT) 390
 GOD'S NARROWS 200
 ALCOA 630
 TORONTO 180
 EMSDALE (ON) 74
 PETIT ROCHER 350
 ITHACA 355
 PARK FOREST (IL) 970
 LEAF RAPIDS 445
 HILO 3058

INTERNATIONAL DX DIGEST

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

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

RECEIVED VIA MODEM FROM CHUCK TO HQ (with HQ having some minor technical troubles with our modem)

Firstly we have this trip report from Ben Dangerfield's annual roving around the globe. Section one is all from a trip to Madrid and section two is from a trip to Kenya and Tanzania. The receiver in both cases was a little Sanyo with AM and SW but no FM*. I'm curious as to the model number Ben; I've thought about picking up a little radio like that for travelling.

Anybody know where the name Les Trembles (as in Algeria-549) came from?

531 Algeria Ain Beida strong every evening at sunset.
 540 Morocco very strong all evening.
 549 Algeria Les Trembles strong day and night.
 558 Portugal Guarda good evenings.
 567 Ireland Tullamore very strong every evening.
 594 Morocco fair every evening.
 612 Morocco Sebaa-Aioun very good evenings in FF.
 621 Belgium Wavre a regular each evening.
 630 Portugal Montemor good evenings.
 648 England local in Amsterdam and good in Spain.
 657 Spain Madrid local.
 675 France Marseille very strong evenings.
 684 Spain Sevilla fair days and strong evenings.
 693 England very strong every evening.
 702 Morocco Sebaa-Aioun strong evenings in Berber.
 711 France Rennes fair evenings.
 720 Portugal Norte very strong evenings.
 729 Spain fair days and good evenings.
 738 Spain Barcelona weak days and strong evenings.
 747 Holland good evenings, s/off 2300.
 756 Germany in and out evenings.
 756 Portugal Castanheira weak days and good evenings.
 765 Switzerland Sottens good evenings, s/off 2300.
 774 Spain good day and evenings.
 783 Portugal Miramar fair evenings.
 810 Spain Madrid local.
 828 Spain Barcelona good evenings.
 837 Spain Sevilla good evenings.
 846 Italy Rome good evenings.
 855 Spain Murcia fair days and good evenings.
 873 Spain Zaragoza weak days and good evenings.
 882 Spain mixed days and evenings.
 882 England good evenings.
 891 Portugal Faro fair evenings.
 891 Algeria Algiers fair to good evenings.
 900 Italy good evenings.
 909 England good evenings.
 918 Spain Madrid local.
 936 Morocco Agadir good evenings.
 954 Spain Madrid local.
 981 Algeria Algiers good evenings.
 999 Spain Vigo fair days and good evenings.
 1008 Holland good evenings.
 1017 West Germany good evenings.
 1026 Spain several day and night.
 1035 Portugal Lisbon very strong evenings.
 1044 Morocco strong evenings.
 1062 Portugal San Salvador strong evenings.
 1071 France good evenings.
 1080 Spain Toledo semi-local days and good evenings.
 1089 England good evenings.
 1107 Spain several days and nights; Madrid is not on the air.
 1116 Morocco fair in the evenings.
 1125 Yugoslavia good evenings.
 1134 Spain several both days and nights.
 1143 Yugoslavia Zagreb fair evenings.
 1161 France good evenings.
 1170 Portugal Vila Real good evenings with big bands.
 1179 Spain several days and nights.
 1188 Hungary Szolnok fair evenings.
 1215 England good evenings.

Here are the records for 1400 Khz. Thanks for updates/additions/comments from Richard E. Wood and Jim Hilliker. And, yes, Eric McIntosh is from New Zealand (NZ), and making those long distance catches. Hello, Eric. 1450 is next, so get the updates to me within two weeks after the date on the front of this 'DX NEWS'. I say that as I don't know when the column will appear. Keep those cards and letters coming.

73 and good Dxing.

Bill

U.S.-Mexican AM agreement

The United States and Mexico have reached agreement in principle on a new AM broadcasting pact between the two countries. Among other things, the agreement will permit AM daytimers to operate past 6 p.m. It will permit full-time operations on the Mexican continent. In addition, it will permit Mexicans to operate on U.S. clear channels, as long as full protection is provided. In a public notice last week, the FCC said it hoped that the agreement would be signed and put "into provisional effect" by late fall.

Reversal. Reversing initial decision, FCC Review Board has granted applications for new AM daytimer stations on 840 khz of Philip and Martha Hahn in Purcellville, Va., Vernon H. Baker in Earlysville, Va., and Edward A. Baker in Denton, Md. Board denied application of Archilla-Marcocci Spanish Radio Co. for new AM daytimer station on that frequency in Annandale, Va., which is in Washington metropolitan area. Administrative Law Judge Edward Kuhlmann had granted Archilla-Marcocci's application, contending it would establish first local outlet for larger and faster-growing community than would proposals of competitors, all of which could be granted only if Archilla-Marcocci's were denied (BROADCASTING, March 18). Board, however, said it believed it better to grant "three independent facilities, rather than one, particularly where that latter facility would be located in the midst of a large, well-served urbanized area." Philip Hahn is Purcellville real estate developer. Neither he nor his daughter, Martha, has other media interests. Vernon Baker, resident of Blacksburg, Va., owns WSP-AM-FM Xenia, Ohio; WSP-AM-FM Orley-Orancock and WGM-AM Smithfield, both Virginia. Vernon's son, Edward Baker, owns radio paging company in Blacksburg, Va.

1215 Canary Islands heard evenings.
 1233 Morocco Tangier good evenings.
 1242 France Marseille good evenings.
 1251 Libya Tripoli strong evenings.
 1260 Spain several good evenings.
 1269 Yugoslavia Novi-Saad good evenings.
 1314 Spain several good day and night.
 1332 Italy Rome fair evenings.
 1341 Spain heard evenings.
 1350 France Nice good evenings.
 1359 Spain several day and night.
 1395 Spain several day and night.
 1413 Spain several day and night.
 1440 Luxembourg very strong evenings in EE
 1458 Albania good evenings.
 1458 Gibraltar weak signal days.
 1467 Monaco very strong evenings.
 1476 Spain several days and nights.
 1485 Spain several days and nights.
 1503 Spain several days and nights.
 1521 Spain several days and nights.
 1530 Vatican good evenings.
 1539 Spain several days and nights.
 1548 England good evenings.
 1557 France Nice heard days and nights.
 1566 Switzerland Sarnen good evenings.
 1566 Tunisia Sfax good evenings.
 1575 Spain day and night.
 1584 Spain some semi-local day; also nights.
 1602 Spain Segovia semi-local plus good evening signals.

540 Sudan Nyala fair evenings.
 549 Zambia Kitwe good evenings.
 557 Mozambique good evenings and strongly hating Malawi on 558.
 567 Zambia Kasamba fair evenings.
 576 Uganda Mitvuna fair evenings.
 585 Saudi Arabia very strong evenings.
 594 Saudi Arabia very strong evenings.
 603 Tanzania Dodoma good evenings.
 612 Kenya Nairobi good day and night in Swahili. Also a jammer every eve.
 621 Tanzania/Egypt a mix every evening.
 630 Zambia very strong evenings.
 639 Kenya/Uganda a mix evening.
 648 Saudi Arabia Jeddah very strong evenings.
 656 Tanzania Dar es Salaam strong evenings; commercial station.
 666 Kenya Misumu good evenings.
 693 Somalia/Zaire a mix evenings.
 702 Kenya Meru weak days, strong evenings.
 720 Tanzania fair evenings.
 747 Kenya Nairobi good day and night in EE; also a jammer evenings.
 756 Malawi Blantyre good evenings.
 765 Sudan Soba fair evenings; no trace of Senegal.
 792 Kenya good evenings; Mombasa?
 819 Zambia Lusaka good evenings.
 846 Kenya/EE service; possibly Mombasa from 1080 as not noted there.
 873 Ethiopia Addis Adaba good evenings; interesting music.
 882 Kenya Kisumu fair evenings.
 900 Saudi Arabia strong evenings.
 909 Uganda Kampala fair evenings.
 909 Iraq Hurrayah second station on the freq.
 918 Kenya Nakuru fair days and good evenings.
 954 Kenya Kisumu fair days and good evenings.
 981 Kenya Voi mixed with Yemen evenings.
 1026 Kenya Nyeri good in local area.
 1071 Zambia Kitwe good evenings in EE.
 1080 A jammer here.
 1116 Burundy fair evenings.
 1134 Kuwait good evenings.
 1152 Unid AA here.
 1161 Unid AA here, possibly Egypt.
 1179 Romania Bacau weak evenings.
 1188 Yemen/Iran mixed evenings.
 1197 Jammer, either Iran vs. Iraq or maybe even UOA. (don't know that UOA has ever jammed...Chuck)
 1206 Kenya Nakuru good evenings w/EE service.

1215 Albania fair evenings.
 1215 Tanzania Arusha fair/good days and good evenings.
 1220 Unid AA.
 1224 Kenya Garissa good evenings.
 1233 Cyprus Monte Carlo affiliate strong evenings mostly in FF.
 1242 Oman Muscat strong evenings.
 1251 Libya Tripoli fair evenings.
 1269 Kenya Nyeri good locally.
 1295 Sudan Sennar (maybe 1296) very strong evenings, signal could reach U.S. Unusual music. (And has indeed been heard by Bailey, Kazaross/others-CH)
 1314 Kenya good evenings.
 1323 Cyprus BBC relay very strong evenings.
 1332 Italy Rome good signal evenings with classical mx.
 1341 AA could be Egypt or Kuwait.
 1359 Kenya fair nights.
 1368 Kenya Nyeri good locally.
 1413 Oman BBC relay very strong evenings.
 1440 Saudi Arabia strong evenings.
 1481 United Arab Emirates Dubai very strong evenings.
 1503 Unid AA possibly Iran.
 1512 Saudi Arabia Jeddah strong every evening.
 1521 Saudi Arabia also strong every evening.
 1530 Vatican very good signal every evening.
 1539 more than one here, also a jammer.
 1548 USSR Ukraine good evenings with II program.
 1557 Malta strong signal evenings.
 1566 Iran probably the one here and severely jammed.

And now all the news that I want to fit...

Argentina

950 LR3 R. Belgrano was destroyed by terrorists 4/29. (ARC)
 1030 LRA19 R. Nacional ex 710. (WRTH)

Australia

891 4AY here ex 936. (DX Times)

Azores

648 Lajes is reported as now on. (EBU via ARC)

Belau

1584 WS2B is 10 kw, sked 2100-1500 Mo-Sa and 2200-1400 Su.

Bolivia

1410 CP.. R Robore ex 1400.

Colombia

all Sutatenza stations are 24 hours now.
 540 HJKA R. Horizonte ex R. Exito.
 670 HJPL R. El Sol ex R. Calidad.
 840 HJJK HJ Doble K ex Brisas del Betania.
 1080 HJPF La Voz de las Comuneros ex LV de Suramerica.
 1130 HJQQ R. Reloj ex LV de Colombia.
 1160 HJEV LV de Valle is here not 1140.
 1219 HJMM Em. Cultural Bolivar is here.
 1270 HJAR R. El Sol ex R. Miramar.
 1310 HJJZ R. Recuerdo ex R. Vision.
 1320 HJRB R. Super here not listed 1300.
 1340 HJIS R. El Sol ex R. Andapoya.
 1430 HJPO R. Mayagual, Sincelejo ex Corozal.
 1470 HJNT R. Color, Cali ex R. Pinta. (all from Distance)

Costa Rica

530 Rumbo power is 18 kw.
 590 R. Nacional s/on is 1000.
 611 R. Sistema Universal operates 1100-0800.
 640 R. Cucu is Cucu 1100-0100 and 0100-1100 relays Sonora 700 KHz.
 700 R. Sonora is 24 hours.
 730 R. Reloj is 10 kw.
 890 R. Lina is from San Jose not Liberia.
 890 R. Monumental, Liberia with 5 kw 1000-0530.
 930 R. Juvenil-delete.
 980 R. Impacto s/on 1030.
 1025 R. Monumental ex 1020, 5 kw, 1000-0500.
 1040 R. Monumental, 2 kw, 1000-0500.
 1100 R. Chorotega-delete.
 1140 R. Monumental San Carlos new with 5 kw.
 1176 R. Casino delete.
 1320 R. Columbia, Limon not San Carlos.
 1380 R. Guanacaste, Liberia ex 1580.
 1425 R. Guapiles unheard, don't believe on the air at all.
 1460 R. Columbia, Quesada not Limon.
 1460 R. Columbia, San Carlos, 1 kw, 1030-0500 new.
 1520 R. Columbia, Turialba not Quesada.

Radio Costa Rica station on 930 KHz operates as follows:
 1100-1130 R. Costa Rica
 1130-1400 VOA
 1400-1630 R. Costa Rica
 2030-2400 R. Costa Rica
 0000-0030 VOA
 All the above via ARC via member monitoring in Costa Rica.

Ecuador
 660 HCLG2 R. Carrousel now 25 kw.
 680 HCVP2 Sistema de Emisoras Atalaya here ex 675.
 700 R. Sucre ex 695.
 710 Escuelas Radiofonicas Populares ex 1570.
 720 HCGB4 has been heard on both 720 and 715 recently.
 740 R. Melodia varying freq around here ex 735.
 820 HCGB1 R. Monumental ex 825.
 840 HCCE1 LV del Transito Nacional ex 835.
 898 HCOF4 R. Chone ex 900.
 950 HCDA2 Radio Ifesa ex 945.
 955 HCJX6 LV del Santuario ex 890 for two years.
 970 HCAW2 Ondas del Pacifoco ex 975.
 990 HCEW2 Frecuencia Mil ex 995.
 1100 HCGR6 R. Novedades ex 1105.
 1130 HCPV6 R. Centro ex 1125.
 1145 HCGB5 LV de Riobamba ex 1150.
 1160 HCVR3 R. Via ex 1175.
 1200 HCMP4 La Grande ex 1250.
 1215 HCVC3 R. Centinela del Sur ex 1505.
 1225 HCBJ2 R. El Mundo ex 1220.
 1226 HCUJ6 R. Sira ex 1235.
 1240 HCPAI R. Metropolitana ex 1245.
 1260 HCEM Tulcan ex 1255.
 1330 HCRV3 R. Nacional ex 1335. (But reported by Richard Wood on 1335)
 1380 HCHB3 R. Impacto ex 1370.
 1380 HCDN5 R. Atenas here ex 1340.
 1400 HCFL2 2-1 is correct slogan ex R. Continental, Canal Musical.
 1460 HCIC6 Nuevos Horizontes, Latacunga ex 1465.
 1465 HCLD2 Ecos de Naranjito ex 1470.
 1505 HCEB4 R. Manta ex 1521.
 1535 HCMH6 D.R.C. is the new slogan.
 1540 HCHG3 R. El Sol, Machala ex 1530.
 1552 HC.. R. Liribamba, Colta noted here.
 1570 HCPG1 now active again.
 1570 HCVI5 LV de Ingapirca here ex 1560.
 All the above from ARC member HK who travelled to Ecuador.

Guatemala
 670 TGRT R. Fabulosa is the key stn of a network Emisoras Unidas with Campesina 600, Tecan Uman 710, Tacana 740, Imperial 930, Uatlan 960, Mil Noventa 1090, LV de la Costa Sur 1130, LV del Tropico 1340.
 700 TGHR feeds Emperador 910 and Variedades 1450.
 790 TGO R. Festival ex LV de las Americas.
 1000 TGWC LV de Guatemala, delete.

Haiti
 1240 R. Antilles International is a new station in Port-au-Prince that operates 24 hours with unknown power..

Panama
 1330 HO.. R. Fiesta is new.

Peru
 1540 R. Star, Trujillo ex 1520.

Portugal
 891 R. Renascenca now 20 kw.

Spain
 666 EAJ39 R. Miramar ex 1179.
 837 EAK3 RP de Burgos ex 1134.
 1089 EFE25 RCE Santander ex 1107.
 1269 EAK25 RP de Leon ex 1224. (Play DX via ARC)

Sri Lanka
 Deutsche Welle has opened on 1548. (ARC)

Turks and Caicos
 Quality Media expects to start on 540 and 1070 in August. (DXA via ARC)
 (One of these days this station will suprose every one and start-Chuck)

USSR
 1233 a new Mayak transmitter is regularly heard here. (ARC)

Venezuela
 630 R. Nacional Light Program ex 1050.
 1050 R. Nacional classical program ex 630.
 1420 YURM R. Cardenal uses 10 kw.
 1580 YV.. R. Manzanares,

Zambia
 629 Lusaka is here not 630.
 818 has been re-activated with 200 kw but is irregular.

531 ALGERIA Ain Beida 8/23 0504 AA moaning atop SAH from an unid stn (Switzerland?). Bad QRN at the time. (Connelly)
 535 GRENADA Morne Rouge 7/21 0252 good w/US soul hits, Caribbean EE talk, TC "8 before 11" (2252-same as EDT). (Connelly)
 549 ALGERIA Oran/Les Trembles 8/21 0538 AA mx, poor in heavy CFNB sloop. (Connelly)
 580 PUERTO RICO San Juan WKAQ 7/21 0515 loud/totally dominant w/mews in SS. (Connelly)
 585 SPAIN Madrid 8/21 0537 bits of SS mx through storm QRN. 8/23 0503 SS news in WEEL sloop. (Connelly)
 612 UNID (Ireland or Morocco) 8/23 0502 tone-testing. (Connelly)
 639 SPAIN La Coruna et al 8/21 0535 man and woman in SS-audio hollow/echoey as if anncrs were in empty room. Good on peaks; some T-storm QRN. (Con)
 650 VENEZUELA Maracay YULH 7/21 0153 leading the pack w/SS ad for merengue/disco club then Radio Vision ID (Connelly)
 666 PORTUGAL Lisbon, 8/21 poor w/PP music in WNBC splash. (Connelly)
 684 SPAIN Sevilla 8/21 0531 SS talk by man and woman, fair to good o/WRKO splash. (Connelly)
 690 MEXICO Yijuana XETRA 8/24 0930 "69 X-Tra Gold" and "Let's Twist Again". KKUA eliminated on Beverage. (Wood)
 693 ENGLAND synchros 8/23 0506 BBC noted w/dramatic production in EE. (Connelly)
 702T MOROCCO 8/21 drumming at low modulation level on good carrier. MLW sloop somewhat of a problem at times. 8/23 0508 jazz at low audio level on strong carrier. (Connelly)
 720 JAMAICA Kingston 7/21 0527 good-dominant w/reggae show. (Connelly)
 720 PORTUGAL Norte-Azurara 8/21 0527 awesome level and 100% dominant! PP pop female vocal followed by PP phone-in talk show. Usual YVQL/WGN got totally blown away-no looping or phasing was necessary. (Connelly)
 738 SPAIN Barcelona 8/23 2350 fair w/instrumental mx // stronger 774. (Con)
 774 SPAIN synchros 8/21 0525 SS talk by man and woman, o/SAH. Good despite WABC sloop. (Connelly)
 783 PORTUGAL Miramar 8/21 like a local w/PP talk interspersed w/a disco instrumental. (Connelly)
 810 COLOMBIA Bogota HJCY 7/21 0529 R. Sutatenza ID and timecheck, loud-annihilating WGY. (Connelly)
 810 JAPAN Tokyo FEN 9/5 1559 PSA for army agency in Tokyo, 1600 ID "This is the Tokyo station of Armed Forces Radio"; into mx. O/u Vladivostok with Radio Moscow IS and CC ID. (Wood)
 819 MOROCCO Rabat 8/21 0523 loud w/AA mx // 827. (Connelly)
 825 ST. KITTS R. Paradise l&c w/gospel 0007 8/25. (DeLorenzo) 7/21 0150 preaching at smashing level-sometimes better than PJB-800. At W. Dennis Beach, you can probably get R. Paradise on your teeth. (Connelly)
 828 UNID 8/23 0411 carrier jumble, much weaker than 827. The Spanish and Portuguese stations on this channel must be getting clobbered in their own backyards now that Morocco and Libya powerhouses are both on 827. (Connelly)
 830 COLOMBIA Medellin HJDM 8/23 0406 Caracol net ID, Colombia mentions. (Connelly)
 836 UNID 8/21 0520 male vocal (possibly AA0) getting 837-too much T-storm QRN to be 100% sure of language. (Connelly)
 837 CANARY ISLANDS Las Palmas 8/21 0519 SS talk o/SAH. 8/23 at 0513 SS talk by woman, good o/others. (Connelly)
 840 ST. LUCIA Castries 8/22 2355 spirited FF dialect "synth pop" vocal rock w/Caribbean and disco influences. (Connelly)
 855 SPAIN Murcia et al 8/21 0517 Euro-rock mx good-WHDH no problem. (Connelly)
 870 ARGENTINA Buenos Aires LRA1 7/21 0502 good w/R. Nacional de Argentina ID. (Connelly)
 895 COLOMBIA Santa Marta HJPM 7/21 0503 good w/festive LA mx. Enjoy the 5 KHz offset Latin American splits while they are still available; the spread of 10 KHz receivers will soon make the splits obsolete. (Con)
 909 ENGLAND Brookman's Park et al 8/23 0418 MoR vocal // 882, fair to good. (Connelly)
 936 UNID (Morocco?) 8/23 0430 talk wallowing in sloop and QRN. (Connelly)
 960 COLOMBIA Magangue HJHM 7/21 0451 bulldozing in w/Sutatenza ID, MoR LA mx. A Cuban Relej station was noted way under. (Connelly)
 1020 VENEZUELA La Asuncion YURS 7/21 0455 booming "Mundial Margarita" ID completely blowing away KDKA. (Connelly)
 1026 SPAIN synchros 8/21 0502 SS talk fair (o/SAH) in WBZ sloop. (Connelly)
 1044 MOROCCO Sebbaa-Aioun 8/23 AA string mx at low audio level on a local like carrier. (Connelly)
 1053 ENGLAND synchros 8/23 0500 EE talk fair in WNN sloop. (Connelly)

- 1053 MOROCCO 8/21 0436 AA sounding pgn in severe WNW slop. (Connelly)
 1062 PORTUGAL Norte-Azurara 8/21 0434 classical music at good to xint strength. (Connelly)
 1100 ANTIGUA St. John's ZOK 7/21 0351 lively calypso mx show, good-dominant. (Connelly)
 1134 KUWAIT Sulaiyah 9/4 1600 AA time check, ID "Huna al Kuwait", into AA entertainment pgn, over JOOR. (Wood)
 1134 SPAIN synchros 8/23 0450 pop mx occasionally interrupted by SS anncr-xint w/WNEW phased. (Connelly)
 1170 COLOMBIA Cartagena 7/21 0232 reverberated "Heroica" ID rising atop pile of other stations-bad growl present. (Connelly)
 1197 UNID (Morocco likely) 8/21 0507 huge OC. (Connelly)
 1206 FRANCE Bordeaux 8/23 0501 very good w/FF talk by man. (Connelly)
 1210 VENEZUELA Coro Radio Coro YVNN 9/2 0857 "Gloria al Bravo Pueblo" anthem, s/on, o/u WCAU. KZ00 up later. (Wood)
 1220 UNID 9/2 1600 AA nx, might be Iraq which has been active in this area, since more moderate in tone than Iran and no jamming heard (Iraq in AA has not been reported jammed by Iran). (Wood)
 1224 IRAN Abadan 9/4 1600 AA ID for Teheran, into nx. No jamming heard. (Wood)
 1345 ECUADOR Ambato R. Paz y Bien HCGP1 8/14 0900 s/on, benediction, national anthem by military band, lengthy s/on message, 0907 into Ecuadorian folk mx. Good. (Wood)
 1422 ALGERIA Algiers 8/21 0510 AA chanting and talk, good. (Connelly)
 1440 SAUDI ARABIA Ras-al-Zawr 9/2 1604 AA ID, discussion. This and other Middle East powerhouses, absent during the summer, are now back each morning. (Wood)
 1475 CHINA many listed, 9/5 1553 surprised to hear this one still playing "The Helmsman steers a steady course", a hymn to Mao Zedong. This might indicate a location in a remote or conservative province. O/u Vladivos
 Radio Moscow CC, so hearing CC on 1475 is not necessarily Vladivostok, which is, however, usually dominant. (Wood)
 1481 UNITED ARAB EMIRATES Dubai 9/5 1555 AA ID, AA vocals. (Wood)
 1520t CUBA 7/21 apparent Reloj type pgn noted poor, battling massive 1521 TA het w/WKBW phased. (Connelly)
 1521 SAUDI ARABIA Duba frequently noted here on Cape Cod around 0300 throughout summer; typically w/AA mx/talk, or at least a robust het against WKBW. (Connelly)
 1580 ANTIGUA VDA 8/7 0005 even w/CBJ w/EE nx; 8/24 0002-0005 just w/CBJ w/EE nx; 9/1 0030 1/c clobbering CBJ w/EE nx at NRC convention site w/Mark Connelly. (DeLorenzo) 7/21 0220 EE discussion by man and woman about economic relations between USA and Latin American nations. Atop CBJ. (Connelly)
 1584 SPAIN 7/7 0400 SS talk, time pips-choppy SAH present. (Connelly)
 1584 SPAIN 8/21 2 stns with fast SS talk o/slow SS talk. (Connelly)
 1593 WEST GERMANY Langenberg 8/21 0345 strong w/pop mx including "Unknown Stuntman" theme from "Fall Guy". (Connelly)
 1602 SPAIN 7/7 0405 bits of SS pgn, poor in WURL/WUNR slop. (Connelly)
 1610 ANGUILLA 7/21 c&w style hymn, mention of "700 Club" pgn, Caribbean Beacon ID. (Connelly)

Thanks to: Connelly, DeLorenzo, and Wood.



KART
 AN 140

BROADCAST CENTER RR1
 JEROME, ID 83338-(208) 324-8181

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

CFOS-560 - Owen Sound, Ontario



Located on the southern coast of Georgian Bay in Grey County is Owen Sound, ON, and CFOS-560 Radio. Founded by the late Howard Flemming and his family, CFOS began operations on March 1, 1940. The original studios were in the basement of a building at Second Avenue and 9th Street, now the Bank of Nova Scotia. CFOS started at 1370kh with 100 watts, but soon moved to 1400 Khz and increased power to 250 watts. Seven persons made up the first staff with Ralph Snelgrove as Station Manager. Mr. Snelgrove later founded CKBB-950 and CKVR-TV in Barrie. Lawrence Phillips, hired a year later, retired at the end of January, 1985 as Office Manager and Accountant after 44 years of service.

In 1947, CFOS moved to 1470KHz, with a power increase to 1000 watts. In the spring of 1948, the station moved to its present location at 270 Ninth Street. Nine years later, the final shift of frequencies occurred, as CFOS moved to 560KHz, with a dramatic increase of its coverage area. W.N. Hawkins, with the station since the beginning, became President and General Manager in 1969.

On March 1, 1977, CFOS increased its power to 2500 watts. Coverage of its service area was improved on June 21, 1978, with the opening of a 1000 watt rebroadcasting facility. Located in Port Elgin, in the CFOS null, the new station, CFPS, serves central and southern Bruce County. In the spring of 1981, CFOS increased daytime power to 5000 watts.

Three final developments took place in the early 1980's. In early 1981, a major expansion of the CFOS facilities included a two story addition. The four major departments (News, Announce Staff, Production, and Sales), are housed in the newer addition. On August 19, 1981, Port Elgin Mayor Frank Cater cut a ribbon to officially open a station office at the Maple Square Mall to support the expansion of news coverage in that community. The most recent development came on December 15, 1984, when the station increased night power from 250 watts to 1000 watts.

CFOS is presently owned by the Grey and Bruce Broadcasting Company, and employs 30 full time personnel, plus five half timers, and five more parttimers.

CFOS emphasizes local news and sports. The station operates many news bureaus in the larger population centers of the market area. News on the air - plenty! The Early Bird Edition is aired at 5:12AM. News comes every half hour during AM drive time, plus 45 minute information blocks at noon and 6:00PM special programs throughout the year include live broadcasts of public meetings, special events, locally-produced musical programs, plus live reports of hockey and lacrosse matiches, plus the popular snowmobile races. In conjunction with the opening of CFPS, the Grey-Bruce Special Events Caravan took to the road for the first time. This is a 35 foot mobile studio complete with public address system for remote broadcasts.

Since its inception, CFOS has been very active in community events, and its schedule reflects this objective. A popular editorial and commentary entitled "Straight Talk" is hosted each weekday by Jean Pauley. A popular forum for opinion with local guests and topical issues is Dave Carr's "Open Line" from 9:00 to 10:30AM. A CFOS specialty is a nightly edition of "Straight Talk" targeted to working women.

Many local events are sponsored by CFOS, including the Grey-Bruce week, for the two counties served, the annual Christmas Fund, and the Canadian Save the Children Fund. A Miss Teen Georgian Bay Pageant enables local girls to participate in the Miss Teen Canada Pageant. One of the Station's announcers, Heather Hiscox, won both titles in 1981. In 1984, CFOS joined in the Lake Huron Fishing Club's production of the CFPS Chantry Chinook Classic running in August with \$50,000 in prizes.

Over the past several years, CFOS-CFPS has brought leading artists to the area for concerts. Performers have included Hank Williams, the Glenn Miller Orchestra, Charlie Pride, Tammy Wynette, and many others. The proceeds for these productions have, in all cases, gone to charity.

30 CPOS is indeed a leader in the Grey - Bruce area.

-----The CPOS Station profile has been prepared by GUEST EDITOR JOHN MALICKY. John wishes to thank Rick Moss, CPOS Assistant Manager for the CPOS station information (and for verifying his reception report). The National Radio Club congratulates CPOS upon its 45th Anniversary.

STATION PROFILE: WCLT-1430 - NEWARK, OHIO

BY GUEST EDITOR JOHN MALICKY

WCLT

Located about 25 miles northeast of Columbus, Ohio, in the heart of Licking County is Newark, and the home of WCLT Radio. A daytimer, with 500 watts on 1430 Khz, WCLT signs on the air at 6:00AM and leaves the air at sunset during the summer, and at 6:00PM during the winter months.

Serving Newark since 1949, WCLT's objective has been a high degree of community involvement and visibility. Programming is targeted toward the 35 and over audience with middle of the road music.

Community news and information are a major part of WCLT's programming. Two full time news people, the services of the Mutual Broadcasting System, the Ohio Broadcasting Company, Buckeye Sound, and the Associated Press are the sources of news for WCLT listeners. A local news block begins at 6:23AM for the large number of factory workers who must clock in by 7:00AM. After morning drive, WCLT broadcasts local news on the hour, and carries Mutual news on the half hour. The station provides three daily business features including the Forbes Magazine, Morgan on Money, and the Business Beat during PM drive. The station also broadcasts farm news from the Agri Broadcasting Network.

One of the most interesting technical features of WCLT is its "skirted" tower. Six heavy wire cables are suspended from the 250 foot level on the tower, dangling to about twenty feet from the ground. The power radiates from the cables to give a non-directional signal.

WCLT augments its programming with editorials, and comments about many local issues.

-----The author wishes to thank Robert H. Pricer, President of WCLT Radio for the above information. In his verification letter, Mr. Pricer noted that, because of John Malicky's accurate description of programming heard, a better grade of wire hangs on the Pittsburgh side of the tower!

STATION PROFILE: WOYK-1350 York, Pennsylvania

BY GUEST EDITOR FRANK P. ORCUTT

Radio Station WOYK signed on the air in 1932 as WORK, and began operations on 1320 KHS. In 1942, the frequency was changed to 1350 KHZ, and in 1950, the daytime power went to 5000 watts. In 1973, the call letters were changed to WZIX, and on October 24, 1981, the station wanted the original sign, but had to accept WOYK.

Radio station WOYK is owned and operated by the Baltimore Radio Show, Inc., which also owns WFBR-AM Stereo, 1300Khz, in Baltimore. The station's studios are located at 2 West Market Street, in downtown York. The transmitter, plus three tower array are located three miles of the studio. The station operates with 5000 watts daytime, and 1000 watts at night. The signal's major lobe is at 70 degrees East of North, and has been heard - and verified - all over the northeastern part of the United States.

The station has formatted oldies, top 40 music, and more recently is offering older rock music.

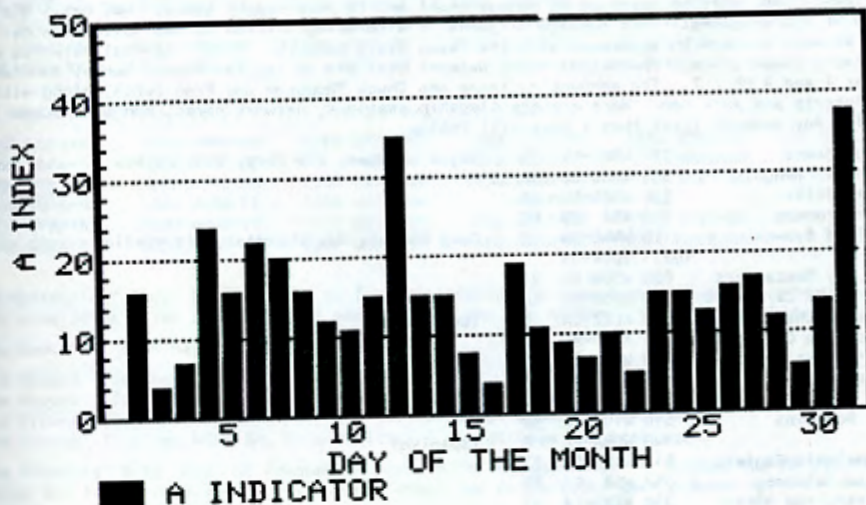
-----We thank Frank for the above information. Frank notes that the station will respond to correct reception reports with a suitable for Framing Certificate of Confirmation.

AFR GRAPH

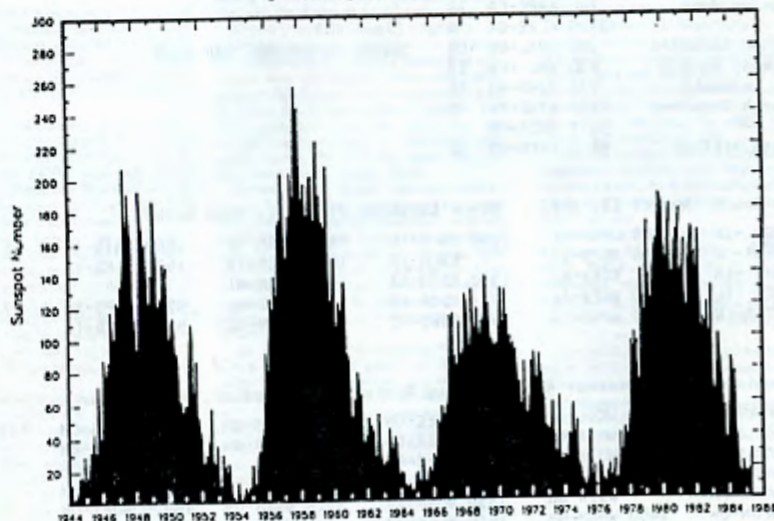
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Russ Edmunds, 753 Valley Road, Blue Bell, PA 19422

AFR GRAPH/JULY 1985



MONTHLY MEAN SUNSPOT NUMBERS
January 1944 - May 1985



Adapted from
Sunspot
Index

Barry S. Finkel, 10314 S. Oakley Ave., Chicago, IL 60643

This column begins with some addenda/corrigenda from last column's footnotes.

The White Sox are on 1560 WRIN-IN and 97.7 WLQI-IN, both in Rensselaer.

The White Sox are also on 1580-KTSS (ex-KXKK) in Davenport, IA.

The White Sox are also on 1440 WMLA-IL, sister station of 92.7 WFWN-IL. I believe that the FM outlet does not carry the Sox.

The White Sox are also on 105.5 WXET-IL, Woodstock, not Crystal Lake.

The above information comes from "Spot Radio Rates and Data", an SRDS publication.

Now for NFL football information. Please send me any network lists that you have.

This season, NBC will be carrying 16 Monday night and 10 post-season games. NBC has a minimum lineup of 250 stations. This package of games is also being offered to the Dallas Cowboys Radio Network through an agreement with the Texas State Network. Other regional networks may also carry these games. The Mutual Radio Network will air 16 regular-season Sunday doubleheaders at 1 and 4 PM ET. The announcing teams are Chuck Thompson and Fran Curci, along with Tony Roberts and Jack Ham. Here are the flagship stations, network sizes, and announcers (if known). Any network lists that I have will follow.

Chicago Bears	720 WGN -IL	35	Wayne Larabee, Jim Hart, Dick Butkus
Cincinnati Bengals	550 WKRC-OH	40-50	
Buffalo Bills	930 WBEN-NY	10	
Denver Broncos	850 KOA -CO	60	
Cleveland Browns	1110 WWWE-OH	25	Doug Dieken, Nev Chandler, Jim Mueller
	102.1 WDOX-OH		
Tampa Bay Buccaneers	620 WSUN-FL	21	
Saint Louis Cardinals	1120 KMOX-MO	50	
San Diego Chargers	600 KLZZ-CA	0	Ted Lightner
Kansas City Chiefs	810 KCMD-MO	50	
Indianapolis Colts	1070 WIBC-IN	16	
Dallas Cowboys	1080 KRLL-TX	175	
	20		(Spanish)
Miami Dolphins	610 WIOD-FL	30	
	1140 WQBA-FL	0	(Spanish)
Philadelphia Eagles	610 WIP -PA	27	
Atlanta Falcons	750 WSB -GA	95	
San Francisco 49ers	740 KCBS-CA	17	
New York (NJ) Giants	1130 WNEW-NY	25-30	
New York Jets	770 WABC-NY	0	
	570 WJCA-NY	0	(5 games when WABC carries the Yankees)
Detroit Lions	760 WJR-MI	38	
Houston Oilers	99.1 KODA-TX	35	
Green Bay Packers	620 WTMJ-WI	35	
New England Patriots	590 WEEL-MA	32	Jon Morris, John Carlson
Los Angeles Raiders	1110 KRLA-CA	25	
	KMEK-CA	6	(Spanish)
Los Angeles Rams	710 KMPC-CA	23	
	107.5 KLVE-CA	0	(Spanish)
Washington Redskins	630 WMAL-DC	100	Sonny Jurgenson, Sam Huff
New Orleans Saints	870 WVL -LA	23	
Seattle Seahawks	710 KIRO-WA	55	
Pittsburgh Steelers	1250 WTAE-PA	40	
	96.1 WXTX-PA		
Minnesota Vikings	94.5 KSTP-MN	56	

Chicago Bears	August 22, 1985	Wayne Larabee, Jim Hart, Dick Butkus			
720 WGN -IL	1080 WPOK-IL	1330 WRAH-IL	1440 WGEN-IL	1560 WRIN-IN	96.7 WRVI-IL
960 WSBT-IN	1150 KCPS-IA	KWLO-IA	1450 WEZR-IN	1600 KCRG-IA	WIHN-IL
1040 WHO -IA	KCKY-AZ	1370 KDTH-IA	1470 WQSN-MI		WCOE-IN
1050 WDZ -IL	1170 KKZX-IA	KLBA-IA	WMBD-IL	92.1 WFPS-IL	97.7 WLQI-IN
WTCA-IN	1310 KDKX-IA	1400 WDWS-IL	1490 WDMAN-IL	92.7 KOSG-IA	WFRX-IL
Cleveland Browns	September 4, 1985	Doug Dieken, Nev Chandler, Jim Mueller			
570 WKBN-OH	1230 WCOL-OH	1450 WLEC-OH	1590 WAKR-OH	99.3 WTNS-OH	107.1 WDDH-OH
580 WCHJ-WV	1240 WHIZ-OH	WJER-OH	1600 WTTT-OH	101.7 WJER-OH	WGRP-PA
910 WBRJ-OH	WJTN-NY	WEYZ-PA		102.5 WHIZ-OH	
930 WEOL-OH	1340 WIZE-OH	1480 WHBC-OH	92.7 WBCO-OH ^d	103.7 WTTT-OH	WCIU-OH ^e
940 WGRP-PA	WSTV-OH	1490 WMRN-OH	95.3 WKTN-OH	104.5 WQKT-OH	WVUD-OH ^f
970 WFUN-OH	1400 WMAN-OH	1510 WLKR-OH	WLKR-OH	106.9 WMRN-OH	WQLS-OH ^g
1100 WWWE-OH	WPAY-OH	1550 WDLR-OH	98.9 WKBN-OH		

Washington Redskins 1985

540 WDMV-VA	920 WPTX-MD	1170 WCLN-NC	1340 WBLB-VA	1490 WSTP-NC	101.5 WFVA-VA
550 WSVA-VA	930 WFMD-VA	1230 WFVA-VA	1400 WHLF-VA	1520 WKRE-VA	101.7 WKWI-VA
590 WGTN-NC	960 WFIR-VA	WFAI-NC	WKEW-NC	1530 WCTR-VA	102.5 WUSQ-VA
600 WSJS-NC	WSBY-MD	WCBT-NC	1410 WHAG-MD	1590 WETT-MD	103.7 WHOG-MD
WCAO-ND	970 WANV-VA	1240 WSSV-VA	1420 WDDY-VA		104.7 WSVS-VA
610 WVA1-VA	990 WCEL-NC	1250 WYSR-VA	1430 WKEX-VA	93.9 WMEV-VA	105.5 WRAR-VA
WIDD-FL	1000 WRAR-VA	1260 WNRK-DE	1450 WREL-VA	94.3 WQRA-VA	106.1 WKGO-MD
630 WMAL-DC	W100-PA	1290 WHKY-NC	WYVA-VA	96.3 WMYA-VA	106.3 WLCC-VA
680 WPTF-NC	1010 WHEV-VA	1320 WAGY-NC	1460 WCEI-MD	96.7 WVJZ-VA	107.1 WCTD-MD
710 WZOO-NC	1060 WHYY-NC	1330 WASA-MD	WEWO-NC	WCOM-MD	107.5 WKRE-VA
790 WTRN-VA	1070 WINA-VA	1340 WJMA-VA	1490 WCVB-VA	99.3 WFFV-VA	
800 WSVS-VA	1140 WRVA-VA	WSPH-WV	WLPA-PA	100.7 WQPO-VA	

New England Patriots 1985^h

550 WDEV-VT	930 WNH-NH	1240 WFTN-NH	1340 WOME-ME	1490 WTVL-ME	101.9 WCIB-MA
560 WGAN-NE	950 WKZX-HE	WVON-RI	1350 WINY-CT	WEMJ-NH	
590 WEEL-MA	960 WFGL-MA	1250 WARE-MA	1420 WBSH-MA	WKVT-VT	
610 WETR-NH	980 WSUB-CT	1270 WSPR-MA	WLIS-CT		WASY-ME ⁱ
630 WPRO-RI	1000 WHWB-VT	1310 WORC-MA	1430 WTTT-MA	93.5 WMMV-NH	
740 WSBF-FL	1230 WTSV-NH	1320 WDER-NH	1450 WRKD-ME	95.9 WUPE-MA	

Jon Morris, John Carlson

^a"Broadcasting" (Aug. 5, 85) gives no flagship station for the Cowboys Spanish Network.

^bThe same issue lists both WMEX (AM) and KTNQ (AM) for the Raiders' Spanish flagship.

^cThe Redskins' list has the old call, WHNI.

^dThe Browns' list has WBCQ.

^eThe Browns' list has WCIU-AM, Cincinnati. I do not know the frequency.

^fThe Browns' list has WVUD-FM, Dayton. I do not know the frequency.

^gThe Browns' list has WQLS-AM, Painesville. I do not know the frequency.

^hThe Patriots' list has no frequencies nor AM/FM designations. I checked for AM stations using the listed call letters; I did not check for FM stations when I found AM stations listed.

ⁱThe Patriots' list has WASY, Gorham, Maine. I do not know the frequency nor AM/FM designation.

Connecticut weighs AM stereo ad law

Consumer protection agency says state should require manufacturers to make clear what signals radios receive

The Connecticut Department of Consumer Protection has recommended that the state require manufacturers and sellers of AM stereo radios to disclose in labels or tags affixed to the radios and in advertisements which type or types of AM stereo signals their radios can receive.

Before the regulation can go into effect, however, according to Steven Schwane, senior administrative hearing attorney in the legal division of the DCP, it must pass muster with the state's Regulation Review Committee, which comprises members of both houses of the state's legislature.

The DCP will forward the regulation, which has already been cleared by the attorney general's office, to the committee next week, which is expected to take it up in October, he said. If it approves the regulation, he said, it will go into effect about 30 days later. He said he couldn't predict what the committee will do, but added that he wasn't aware of "any strong opposition" to the regulation.

The recommended regulation is the latest twist in the broadcast and consumer electronic industries' struggle to come up with a de facto AM stereo standard. Two systems—Motorola's C-Quam and Kahn Communications' single sideband—are vying to become the standard by inducing broadcasters and receiver manufacturers to adopt their systems.

As things now stand, the C-Quam system seems to have the best chance of prevailing.

Some 225 stations are now broadcasting C-Quam signals. What's more, several major receiver manufacturers, led by Delco Electronics, are making and marketing C-Quam

radios. Motorola estimates that about 1.5 million such radios have been manufactured.

But the Kahn system is hanging in there. Between 80 and 85 stations are broadcasting Kahn signals and, although nobody is making Kahn-only radios, Sony and Sansui are selling multisystem radios capable of receiving both the Kahn and C-Quam signals.

Connecticut's tentative regulation is aimed primarily at suppliers of the C-Quam AM stereo radios. The DCP found that consumers may purchase C-Quam-only radios unaware that they will not be able to pick up in stereo the Kahn-equipped stations. The disclosures, said Schwane, would let consumers know whether a particular radio could receive the C-Quam signal only or both Kahn and C-Quam signals.

(According to Kahn Communications' Leonard Kahn, there are four, and soon to be five, Kahn stations in Connecticut and only one C-Quam station. In New York, to which many Connecticut residents commute, there are two Kahn and no C-Quam stations. Connecticut's involvement in AM stereo was instigated by two of the Kahn-equipped stations in the state: WELI New Haven and WILL Willimantic.)

At a May 31 public hearing, Motorola's Chris Payne testified against the imposition of the disclosure regulation. He argued that such a rule would lead some manufacturers of C-Quam radios to stop making them and some retailers to stop selling them. "The displaying of a special tag on a dashboard of [a car]... would distract from the dealer's efforts to sell the car by drawing attention to what a potential buyer could only presume was a warning as to a possible drawback on the receiver and would likely lead the dealer to order only cars which did not offer AM stereo," he said.

But last week Payne was downplaying the possible impact the regulation would have on Motorola's push to make its system the national standard. Even if it is approved by

the legislative committee and goes into effect, he said, the C-Quam system will prevail. "Delco still wants to fight the regulation," he said. "The others are not pleased, but if it's only labeling they can probably live with it. It's just another annoyance."

What really concerns the manufacturers, Payne said, is the possibility that other states may enact regulations as Connecticut did. That could result in manufacturers and distributors having to put different labels and tags on radios destined for different states, he said, and that would run up the cost and, ultimately, the retail price. Consumer electronics manufacturers are able to keep down the cost of their goods by selling the same goods everywhere, he said.

But the concern over proliferating state regulations has little basis, Payne said. "As far as we know, there is no actual substantial movement toward regulations in any other state," he said.

Motorola is aware that Utah has put out an advisory on AM stereo and it supports the move, Payne said. "We are in favor of the consumers' understanding the AM stereo situation," he said. Motorola is not trying to "snooker" consumers into buying radios they don't want, he said.

Leonard Kahn was delighted by the DCP's action. He hopes that the Connecticut regulation and similar ones in other states will slow Motorola's momentum and allow his system to catch up. "It's what we have been waiting for," he said. "If the receiver manufacturers have to tell the truth [about their C-Quam-only radios]," he said, "they won't be able to sell them."

Mark Connelly - WALION DX Labs - 06 MAY 1985

The "Mini-MWDX-3 Phasing Unit" article, dated 05 DEC 1984, outlines the construction of a compact, yet useful, phasing unit particularly well-suited to the needs of the DXer who travels frequently.

As the article mentions, the unit's compactness and its simplicity of design / construction were accomplished by using loose coupling and grounded-rotor tuning capacitors. These practices do have a somewhat adverse impact on system sensitivity; the inclusion of the broadband amplifier card USUALLY compensates for circuit losses. A situation which degrades the amplifier's ability to recover lost sensitivity is that which occurs when the unit is operated near strong transmitters; typically, at an urban site. Even though Bill Bailey's Beverage farm in Holden, MA could not be considered urban, Bill Bailey & Tom Farmerie reported that useful gain could not be obtained with a Mini-MWDX-3's broadband amplifier because of overloading by WTAG - 580, located within two miles of the test site. My experiences here in Billerica (with big signals from WRKO - 680, WHDH - 850, and WMRE - 1510) also indicate that overloading can sometimes be a problem, especially when a local pest is within 100 kHz of the operating frequency.

Because of these revelations, experimentation was done to improve the coupling efficiency without defeating the original Mini-MWDX-3 design concepts of compactness & simplicity. The reasoning is that, if coupling is made more efficient, the amplifier will not be depended-upon as often.

In "worst-case scenarios" where overloading of the built-in broadband amplifier is a severe problem, the use of a TUNABLE output amplifier, such as APT-3, between the phasing unit's output and the receiver's input is highly recommended. If the tunable amp. is used, make sure that the phasing unit's internal broadband amplifier is switched off.

The following option will be referred to as Option 6: Options 1 through 5 are part of the original (05 DEC 1984) Mini-MWDX-3 article. The purpose of Option 6 is to reduce the dependence on the broadband amplifier and on any external amplifiers: an improvement in passive-mode Mini-MWDX-3 sensitivity is the result of this option.

Option 2 (longwave) or Option 3 (tropical bands) can be combined with Option 6 on a particular unit. Option 4 (extended freq. range) is, however, not compatible.

Option 6 is implemented as follows:

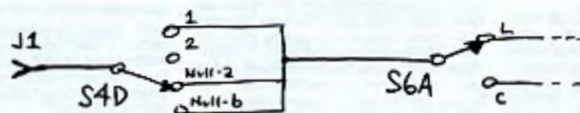
(Refer to main schematics in 05 DEC 1984 article.)

- Replace R6 & R8 with direct connections (shorts).
- Install R6 (330 ohms) between J4 (Loop In) and C7 (.1 uF).
- Replace S4 with a 4-position, 6-pole rotary switch (Mouser # 10WR064). Rewire sections S4A, S4B, and S4C the way they had been previously.

(Refer to Option 1 schematic, near end of 05 DEC 1984 article.)

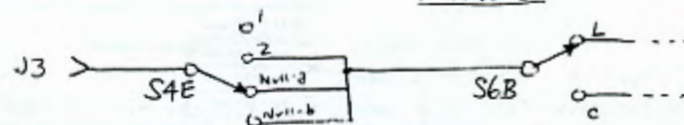
- Install Option 1, but use 56 pF instead of 47 pF for C5 & C6.
- Install new D section of S4 between J1 and S6A arm as shown in Figure 1:

FIGURE 1



- Install new E section of S4 between J3 and S6B arm as shown in Figure 2:

FIGURE 2.



>>> This completes Option 6 <<<

Option 6 is an enhanced-coupling version of Option 1. Like Option 1, Option 6 can be combined with Option 5 (alternative pot. configuration). If Option 5 is combined with Option 6, change Option 5 as follows:

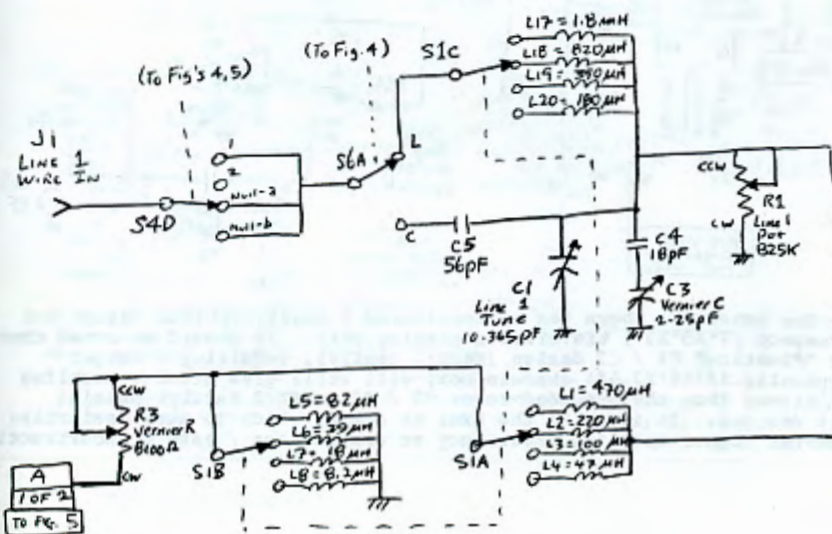
- delete
- retain as is
- delete
- delete
- retain as is
- replace with "Connect S3 arm to P1 of T1."
- (h) (i) (j) retain as is
- retain: add comment "R3 is optional. It may be omitted."
- replace with "Connect arm & CCW pin of new R1 to C1 stator."
- retain as is
- replace with "Connect arm & CCW pin of new R2 to C2 stator."
- retain as is
- replace with "Connect arm & CCW pin of new R3 to S1B arm. If you choose not to install R3, connect S1B arm to S4A arm and skip step (q)."
- (r) retain as is

 * If this seems too confusing, just refer to the *
 * "hotrodded" Mini-MWDX-3 schematic below. *

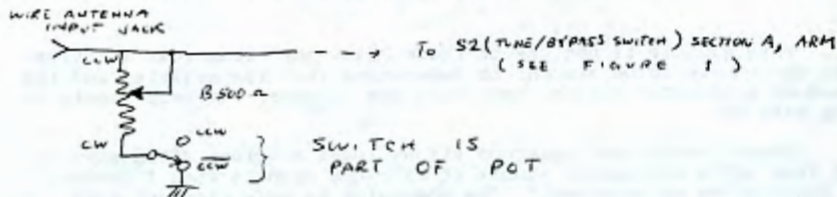
The following schematic illustrates a Mini-MWDX-3 phasing unit incorporating Option 6 and modified Option 5:

ENTIRE UNIT CONSISTS OF FIGURES 3, 4, AND 5.
 FOR 82A-B SCHEMATIC, SEE ORIGINAL MINI-MWDX-3 ARTICLE.

FIGURE 3 = LINE 1 TUNER



38 Input-attenuation capability may be desired in the strongest signal areas (e. g. midtown Manhattan). This is easily accomplished by the addition of a 500-ohm linear pot (with built-in switch) (Mouser stock # 31CT205) as shown in Figure 2:



The addition of this pot will also help the urban DXer do casual bandscans (with the unit's toggle switch set to bypass the tuning components).

The receiver used must provide a shielded (coaxial-type) antenna input: this is what is found on most "base station" communications receivers. Proper operation with portable radios having ferrite-rod aerials CANNOT BE ASSURED. Shielded cable MUST be used between the tuner's output and the receiver's input.

It should be emphasized that the tuner / preselector is not a "gain" device per se: in an area where overloading isn't a problem, a direct antenna-wire-to-receiver-input connection will give levels equal to, or better than, those achievable with the tuner in-line. "De facto" gain in urban areas, by the elimination of spurs, is the goal of the tuner. New DX horizons should open up for those in the city ("Yuppie" DXers).

I am offering this Simple Passive Longwire Tuner for \$ 25 (assembled). This basically covers the cost of the parts used. Add \$ 2 for the installation of the optional level pot (if desired) plus \$ 5 for packing / shipping (US) or \$10 for packing / shipping (foreign). Make US cheque or international money order payable to Mark Connelly. Address = 30 William Road - Billerica, MA 01866 USA. When sending in an order please answer the following questions:

- 1) Will an antenna wire longer than 50-metres / 164 - feet be used? [Yes or No]
- 2) What kind of output connector (jack) is desired on the tuner? [Choose one of the following: BNC, RCA phono, SO-239, F, or Motorola]
- 3) What kind of a wire-antenna input connector (jack) is desired on the tuner? [Choose any one of the connectors from question 2 or choose banana jack]

The DXer must provide his/her own shielded cable to go from the tuner's output jack to the receiver's input jack. Ordinary shielded audio cable will suffice, or you can use standard RG-type coax. having an impedance between 45 and 90 ohms. Length of the output cable should be kept to 4 m./ 13-ft. or less.

U.S.-Mexico Reach Long-Awaited AM Agreement

Meeting for the past two weeks in Mexico City, U.S. and Mexican negotiators have reached an agreement in principle on new AM rules that will open new nighttime operating authority for many stations.

The FCC says it hopes to wrap up final details and put the pact "into provisional effect by late fall of this year." Under terms of the agreement:

- Daytimers now restricted to 6pm signoff can, in most cases, operate until two hours past sunset.
- Nighttime broadcasting can begin for stations on the Mexican Class I-A clear channels.

• Mexico can begin nighttime use of U.S. clear channels, protecting American stations.

FCC Chairman Mark Fowler said in a statement, "This achievement culminates an almost three-year process of cooperative efforts between the U.S. and Mexican officials which will lead to enhanced opportunities for U.S. broadcasters to expand their service to the American public."

interpreting the FCC rules & regulations

39

Increasing AM Nighttime Service

By Harry Cole, FCC Counsel

Just because FM service has been getting a lot of press lately as a result of Docket No. 80-90, you should not think that AM service is being ignored by the FCC. In May, the Commission took a significant step aimed at increasing the availability of nighttime service on certain AM channels. In opening the door for new nighttime operation on certain foreign clear channels, the Commission is again holding out the possibility of increased opportunities for the previously beleaguered daytime-only AM licensee. Further, the FCC has designed an implementation system which, while not necessarily perfect, is certainly aimed at making the licensee's life a little easier.

Under international agreements, 14 AM channels have been designated as clear channels reserved for primary use by Canada, Mexico, or the Bahamas. The Canadian clear channels are 540 kHz, 690 kHz, 740 kHz, 860 kHz, 990 kHz, 1010 kHz, and 1580 kHz. The Mexican clears are 540 kHz, 730 kHz, 800 kHz, 900 kHz, 1050 kHz, 1220 kHz, and 1570 kHz. The sole Bahamian clear channel is 1540 kHz.

Severe restrictions

Because these frequencies have been reserved for primary use by other countries, severe restrictions have been placed on any U.S. station operating on any of the foreign clears. For example, under the North American Regional Broadcasting Agreement (NARBA), none of the Canadian clears could be used for nighttime operation anywhere within 650 miles of the Canadian border, and the Bahamian clear could not be used at night within 650 miles of the Bahamas. The U.S./Mexico Bilateral AM Agreement reached in 1968 was even more restrictive, precluding nighttime use of any Mexican clear channel anywhere in the United States.

Recently, however, the international scene has been changing dramatically. A new agreement between the U.S. and Canada has replaced the NARBA. The new U.S.-Canada agreement does not prohibit the establishment of U.S. nighttime operations on channels previously designated Canadian clear channels. Additionally, the U.S. and the Bahamas have both signed the Final Acts of the Region 2 Administrative Conference, which similarly eliminates that prohibition relative to the Bahamian clear channel; however, the Bahamas must take one further formal step (which it has indicated it intends to take) before the prohibition will be completely eliminated. Finally, the FCC's team of negotiators has reported "considerable progress" in its efforts to reach a new agreement with Mexico which would, among other things, permit new nighttime operations on the Mexican clear channels throughout the U.S.

With these developments in place, or at least clearly underway, the Commission has adopted a series of changes intended to lead to new nighttime operation on the various foreign clear channels.

The primary regulatory is the obvious one: the Commission will now consider, and grant, applications proposing nighttime service on many of those channels on which such service was previously prohibited. And, once the Bahamian and Mexican situations are clarified somewhat more, all of the foreign clear channels will be available for nighttime service in the U.S.

AM utilization

Finding itself with this substantial chunk of AM spectrum ready and waiting, the Commission gave some thought to the best way to utilize it. The possibility of using it for brand-new full-time stations was considered. However, in view of the number of daytime-only U.S. stations already operating on the channels in question, it was immediately apparent that new full-time stations would be possible only in limited areas. Nevertheless, where the establishment of such stations is consistent with the FCC's rules, the FCC is willing to consider applications for them. The real beneficiaries of these changes, however, are likely to be the many existing daytime-only licensees on the foreign clears who will now be able to improve themselves to full-time status.

This new opportunity—whether to seek a new full-time station or to upgrade an existing daytime-only station—may not be as attractive as it might appear at first blush. Even if the foreign clear channels may now be used for nighttime operations, the power available to such operations is still subject to both foreign and domestic protection requirements. In other words, the rules that establish the extent to which existing nighttime signals of both foreign and U.S. stations must be protected will apply to any new U.S. operations on the formerly foreign clears.

Additionally, the Commission recognized the fact that the likely proximity of new stations to one another, and the proximity of existing daytime-only stations which could be upgraded to full-time status, could preclude new nighttime operations unless the power available for such operations was limited. Accordingly, the FCC decided that new nighttime operations on the foreign clear channels would ultimately be limited to a maximum of 1 kW (assuming, of course, that operation of any particular station at that power would be consistent with other applicable nighttime protection requirements). The Commission's idea is to phase in the nighttime operations over a five-year transitional period, during which the power of new nighttime operations on the foreign clears would be limited to 500 W (again subject to other applicable protection requirements).

Protection levels

If the prospect of very low-power limits hasn't phased you yet, let's look at the protection levels which will be afforded the new nighttime operations. According to the Commission's studies, interference from existing foreign and U.S. full-time stations would typically limit the new nighttime services at least to their 10 mV/m contours. Thus, the FCC has decided that the new services should normally be protected at night to their 10 mV/m contours. But there are at least two catches to this. First, during the five-year implementation period, new nighttime services will not be entitled to any protection from other new nighttime services. Some protection will kick in at the end of the implementation period, although the precise extent of that protection has not been detailed by the Commission. Second, stations that operate at night with less than 250 W will be accorded no protection at all, now or in the future.

On the assumption that every daytime-only station on a foreign clear will want to add nighttime service, the Commission has designed an implementation system for its new rules which is intended to avoid, or at least minimize, the administrative burdens likely to be generated. In short, following the trend it established with respect to the Class IV AM nighttime power increases last year, the

Commission has agreed to do all the work for the daytimers. After considering the possibility of having each daytimer submit an application based on its own technical calculations, the FCC concluded that the best way of approaching the problem would be simply to perform all the necessary calculations itself, with the FCC then notifying each affected station of its right to operate at night at a certain power.

"Order to show"

The Commission's notification would come in the form of an "Order to Show Cause" which would provide that, absent some objection from the licensee, its license would be modified to specify nighttime operation at a certain power. The licensee would then have one year within which to indicate to the FCC its intention to commence nighttime operation, to file certain limited technical information with the Commission, and actually to commence nighttime operation.

During the five-year period following issuance of the "Show Cause" order, the licensee would be authorized to operate with the power specified in the order. The licensee would also be permitted to file an application to increase power up to a maximum of 500 W (or its authorized daytime power, if that power is less than 500 W). In doing so, however, the licensee will have to demonstrate that its proposed operation would provide adequate protection to other full-time domestic and foreign stations; by contrast, it would not have to provide nighttime protection to the new stations to be authorized or to the nighttime operations of former daytime-only stations. At the end of the five-year period, the maximum power would be increased to 1 kW. At that time, however, all nighttime operations of 250 W or more existing at that time (i.e., including former daytime-only stations which have since upgraded) will be protected from additional interference.

One cautionary reminder—for the immediate present, the new rules and procedures apply only to the Canadian clear channels not including 540 kHz. The Mexican and Bahamian clears, including 540 kHz, will not be affected until the U.S. concludes its bilateral negotiations with those two governments.

The Commission's action here is another clear demonstration of its desire to assist AM daytimers and to expand as much as possible the availability of AM service. Given the distribution of stations already on the air and the nature of existing protection requirements, it is possible, if not likely, that the new service potential may fall short of what many affected licensees might otherwise have wished. Nevertheless, it is a start.

BM/E

Post-Tribune: Gary, Indiana via Wendell Ford Westville, Indiana Saturday, July 6, 1985 A3

WLTH to expand broadcasting hours

By Valli Herman

Post-Tribune Staff Reporter 1370

GARY — Radio station WLTH has gained approval to expand its broadcast schedule to a full day.

The Federal Communications Commission Tuesday approved the station's application to broadcast 24 hours, beginning Friday night. WLTH (AM-1270) had for more than 30 years broadcast music and local news during the daytime.

WLTH Vice President and General Manager Judith Burks said the station will not take full advantage of its extended broadcast rights.

"At first, we will broadcast from 6 a.m. to midnight," Burks said. The station won't broadcast after midnight until station management decides on appropriate programming for the early morning hours.

"We chose to limit the first year because this is so new to us. We have a lot of things under consideration, possibly jazz, more talk (programs). We hope to be adding features as we go along."

The station plans to broadcast local sports news in the fall, she said.

Burks declined to say how much the changeover will cost the station, but she said it "ran into six figures." The funds are for an additional transmitter and equipment that will be required.

The application for the extended broadcast day has been "in progress" for eight years, according to Burks. "It took a while to get the actual approval to construct. Construction was held up because of the economy. You name it, we had problems," Burks said.

The additional broadcast time will also increase available advertising time. Burks said the station didn't seek to extend the broadcast day to pull in more advertising revenue.

"No station ever looks at it as a financial advantage. We hope to experience an increase from local advertising revenue. But the primary reason was to provide a service to the community."

The competition the WLTH evening broadcasts should give other stations will be "good for the blood. So it couldn't hurt," Burks said.

The station has been owned since 1981 by Chicago Metropolitan Assurance Agency.

On the bright side...

THE ASSOCIATED PRESS

GREAT BEND, Kan. — An ox and a three-legged dog will join St. Patrick school children, two kazoo bands and some mules today in the St. Patrick's Day parade. That's a far cry from the town's first "parade" in 1981 when organizer Lance Saylor, who works for the sponsoring radio station, KVGB, and radio personality George Donley did a live broadcast from a Shamrock Trash truck as it made its early morning rounds.

"If people come to the parade expecting floats with flowers and marching bands, they may be disappointed," Saylor said. "If they come to have a good time and see others have a good time, they will."

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.

We're off and rolling again into the new DX season of '85-'86, and here's hoping that it will be the best ever for you. Those of you who made it to Rhode Island are probably proud to hit the radios, but for those of you (like me) who couldn't make it, don't let the rapidly-improving conditions get past you. Sometimes early October brings the best propagation of the year, and the rest is downhill. I think I'll lay off these Musings during the summer season, as participation has been light during the monthly publication time; this one's theme was "Memories" ... and I guess mine is the only one in that category.

However, I have a "Reintro" Muse already for #1 (deadline Sept. 20); #2's theme (Sept. 27) will involve your favorite stations, formats, and personalities (idea courtesy of Mark Connelly), and let's try our geographic themes in October and November, with #3 (Oct. 4) devoted to members living outside the continental U. S., and #4 (Oct. 11) for New England NRC'ers. Note that I've moved the deadlines back a day to Fridays; I'll be typing the column on the weekends from now on so as to avoid missing the mail truck to Milwaukee! Maybe I can compile a perfect record in V. 53, placing a column in each issue. And now, on with it ...

Paul Swearingen - P. O. Box 4812 - Panorama City, CA 91412

Another reason for changing the deadlines is that I have a new job and work weekdays now; I've moved into our store's personnel supervisor position (anyone need a job?). I never thought that I'd consider a career in retail ... but my brother made a similar statement when he joined the Air Force 16 years ago. Seriously, if you are competent and interested, I'd be happy to consider any DX'er's application. Entry level pay is rather low (except for commission work), but benefits for full-time employees are rated the best among retail chain stores. // Larry Cox in Santa Monica confirms that the SS on 750, "R. Kama," is KEFB, El Paso, although I'm sure I heard a "KAMA" legal ID on the hour. He listened to them August 26 and notes that he heard no commercials during that time. I've heard a few, and the audio quality is excellent. I wonder how tight a pattern they're projecting this way; if they're running 10,000 w. I'd guess a simple cardioid. And per a call from Jim Hilliker in Anaheim, KUYO-830 Evansville (Casper) WY was on the air 9-4. He heard them with 500 PPGA, and they're listed at 10,000 d. // I'll definitely be moving from my Sun Valley address by the end of the month, so be sure that you use the PC box number. I'll use a call referral for the phone number, so that if you should call the old one you'll receive the new one. // As for nostalgia ... I got to thinking about the various people I worked with when I was in radio from 1965-73, and how many of them I've lost track of. Many of them probably are out of the industry, like me, but if any of the following real names belong to you or someone you know who worked at KALN (KIKS)-1370, KVQB-1400, KCRB (KKOY)-1460, or KUDL (KNWS)-1380, I'd enjoy trading letters: Joe Shields, Larry Atteberry, Lee Burdorf, engineer Keith Schrock, two Bob Skaggs who used pseudos Bob Lawrence and Bob Fitch on the air, Ira Madgen, Jerry Jones, William B. Heath, Gary Maricle, Andy Barber (who may be in Texas now), Ray Griffing, Pete Gabriel, Dan Wonder, and John Gilbert, not to mention others whose monikers escape me. And four air names include Chris Kelly, Ron Brothers (and his wife Linda), Orville Zitt (!), and Chris Martin. One with whom I would definitely NOT want to correspond is a PD named Larry Miller ... Perhaps the most interesting thing is that I've run into a couple of people in the last few years who actually can remember me on the air. Ah, nostalgia! 73.

Radio Roundup

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

Greetings, all ... The FCC is sidestepping its original decision to eliminate the equal time rule. They now state that Congress is the proper place to address this issue. Media watchers don't expect any changes ... Boston weekend talker Jerry Williams, WRKO, will be doing a Sunday evening spot on WABC, New York ... WOOD is now celebrating its 61st anniversary ... Jon Summers is back in Buffalo, this time on WECK. He had formerly been on WKBW ... The Indiana Pacers have moved from WIBG to WIRE ... Cousin Bruce is now doing his Sock Hop Show on WCBS-FM every Saturday night. He formerly did his act once a month, with Jack Spector doing the other Saturdays. Jack is now back on the AM band with a WNEC sports call-in show ... WDAF still numero uno in the Kansas City Arbitrons ... Capital Cities has sold KJAC to Maltrite Communications ... The Irish government is taking an all-out approach to deal with pirate operators. They will not only impose fines on pirate operators but also to equipment suppliers, on-air performers, advertisers, and anyone associated with these illegal operations ... WNET has hit the airwaves. They refer to themselves as "Delaware Valley Talk" and "Talk 900" ... WJR has held on to the top spot in the Detroit Arbitrons ... AM stations in Memphis line up in the following order: WCC, WDA, WLOK, WRBC, WBSQ, KWAN, KSUD, and WMSO ... Much of my time recently has been spent with my students attempting to contact the space shuttle Challenger, via amateur radio. We had success receiving slow-scan television pictures, FM voice, and Morse code transmissions. Will have to wait for the tapes to see if our signals reached them. During this event, local radio stations WJLB,

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WINE, and Group W television stopped by to catch some of the action. Our school provided up-to-the minute shuttle information for their listeners such as frequency, time, and orbit paths ... I recently had a nice chat with Jean Shepard-K2ORS. Jean, whom many older members will remember from his all-night conversations on WOR-710 during the sixties, is an active radio amateur. He was passing through Connecticut on his way to a vacation home in Maine. He spends most of his time writing, doing voice-overs, and television work. We chatted for an hour on a variety of subjects, enjoying this pleasant surprise very much ... From the What Ever Happened To? department, former WKCA Good Guy Don Davis is currently doing a news shift on WINS (as Don Baldwin), Jim Harriot is a TV anchor in Portland, OR, Dean Anthony is on WHLI, Jack Spector, Sports Talk on WNBC, Joe O'Brien, WHUD-FM, Harry Harrison, WCBS-FM; and Dandy Dan Daniels is currently sitting out a year, having left WKU-FM after a format change. The same thing happened to him when WABC went talk a few years ago ... WNYC's "Small Things Considered", a prize-winning show for children, is to be added to the fall schedule of National Public Radio. It will be retitled "Kids America". As an educator, I highly recommend it for kids, as it covers a wide variety of subjects, maintaining a high level of interest for elementary and middle school students ... WPAT-AM/FM has been sold by Cap Cities ... WLW, flagship carrier for the Cincinnati Reds, is getting a lot of extra mileage out of Pete Rose's quest for the sports record books, promoting heavily the countdown via contests and "spots" ... In Montreal, CFCF has axed 10 on-air personalities, citing budget circumstances ... WJR holds on to the top spot in Detroit. The number two AM position belongs to CKLW, the highest place it has achieved in over TEN years. CKLW is currently running a Music of Your Life format ... Steve Taylor has taken his talk show from WING, Dayton to KING, Seattle ... WONE has recently installed a brand-new transmitter and antenna system, replacing a 36-year-old configuration. Has anyone noticed any changes? In St. Louis, Grant Horton is moving from WRTH to KXOK ... CBS News has been restructuring a lot lately, due to budget cuts in the division. Variety reports that CBS is considering an association with AP, sharing resources. It should be noted that the other two major networks have similar arrangements, e. g. NBC and Visinews, and ABC and UPTN ... The unique demographics of Miami certainly show up in the latest ARB's. Deleting the FM stations, the AM'ers line up with Spanish-formatted WQBA in first place, followed by WJZ, WIOD, WWSB, WRCH, WOCN, WQQQ, and WMBM ... In New Orleans, talker Rod Wagener has been shown the door at WMBM, citing creative differences in the show's direction ... I am not sure how this is going to work out, but in Milwaukee WTMJ, WBCS, and WISN will all carry the University of Wisconsin's football games ... Sportscaster Don Criqui has left WOR, after many years, to go fulltime with NBC sports ... Glad to have the AM DX'ing season coming back ... So much for now.

Moved Again

Frederick R. Vobbe - 706 MacKenzie Avenue - Lima, OH 45805

Yes, I have moved again. This time it was south into Ohio. We purchased a home here in Lima, OH, and I am working at WLIO-TV here in town. I am the Chief Engineer. I left Detroit a couple of months ago, and it took us just about a month to move everything down here, plus two 18-foot U-Hauls. As you may know, I also have my own business; thus the move was exceptional due to all the junk. I am in the process of gearing up for the Amateur Radio General Class exam this October. As I have both VHF and HF gear, I won't have any problems getting on the air. Phil Wayne, Bob Walker, and myself are toying with the idea of having a "net" on the VHF or HF bands so that it will reduce our telephone bills. If you have your ham ticket, let me know so that we could plan a contact once I get my ticket. Another addition is a new modem for the computer. This modem will allow access to my computer from your computer, provided that you have a modem, too. I am running 300 baud, Parity Enabled, One Stop Bit, 7-bit word, Odd Parity. The modem is full duplex. The host program will allow you to call me, then send all keyboard commands to you. My tape listings are on 3 separate disk systems; jingles, airchecks, and other tapes (demos, etc.). I'm still working on the list. Other commitments have kept me off the terminal so I haven't had a heck of a lot of time to do any keypunching. I still have over 9/10th of the collection to complete. My record library is also in need of help, too, as it needs to be revised in the computer. Also on the back burner is my DX'ing; however, I am still going strong on the DX Audio Service which is the sponsored NRC book for the blind project that I do monthly in my studio. (It sounds great for us sighted persons, too, Fred; you and the other voices are all part of a very professional production -pls) Well, that's about it. Sorry for the delays in getting the moving notice out.

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

Greetings: When a station is exploring the possibility of moving to a different frequency they will often hire a consulting engineer to perform "site testing" in which a transmitter is operated from the proposed site for a short period of time on the frequency in question. The FCC issues a permit with an auxiliary service call (three letters and three numbers, the same as the TIS calls) which must be used each hour to identify the transmitter. No other programming may be carried, only unmodulated carrier. When this temporary transmitter is on the air (usually always in the daytime only) the engineers will take field intensity readings along lines on a map, normally in the direction of other stations on the selected frequency and adjacent channels to determine if the proposed new operation will cause interference to existing stations. From the readings taken a computer

can draw predicted coverages for various power levels and determine the location and depth of necessary nulls if the proposed operation is to be directional. A portable transmitter, usually supplied by the consulting firm, is used for these purposes and may run from as little as 20 watts to a kilowatt, and computer analysis of the results can be expanded to simulate any power level. While these operations are rare and very short-term, the opening of the clear channels for new stations may bring about a rash of site testing, so you might want to scan the band in the daytime and look for unidentified open carriers. The FCC does not publish this info in their Public Notices so unless you have direct access to the FCC files you will have to do some detective work to determine the source of these signals. These are still very rare and you might DX for 25 years and never hear one. All this was brought to mind on 8-10/11 when a power OC appeared on 870 kHz here at 40 over 9. On the hour the call was given as "KPI-203". It turns out that local WNIO-1540 is the permittee of this XR; evidently they are looking toward moving to a new frequency. I obtained a copy of the permit. They were first authorized to test on 660 kHz and then amended the permit for 870. The permit allows a power "not to exceed 1000 watts" for these tests. The XR was diplexed into the center tower of their 3-tower DA system. If you note an OC during daytime on a frequency unusual for your area, check for the required ID on each hour; you might be hearing one of the most unusual pieces of DCB DX.

Michael Manning - Box 2729 - APO New York, NY 09109

To all my fellow DX'ers, greetings from West Germany. The grapes are getting sweeter and sweeter every day, thanks to Mother Nature. As far as DX'ing goes I'll rate it at 0. I have just recently moved to Traben-Trarbach. I am situated right along the beautiful Mosel River in southwest Germany. When DX season begins I'll find out if I really like this place. Right now I am 99% pro. The little room I adopted to house my equipment is a candidate for federal aid. I have a 40-ft. longwire that's now shaped in a rectangle, corner to corner attached to the wall with nails; coax hangs like there's no tomorrow; and the loop is in a general state of non-use. I guess God created summer so us DX'ers can go out and enjoy it. Winter - what a great time to stay in, out of snow, especially here. I use a Palomar loop with my ICOM R71A; I also installed the 4 kHz filter which I purchased from Gerry. It works quite well, much improvement over the stock filter. I installed the stock filter in my Realistic handheld and trashed the one that was in it. I only regret that I am not able to attend the convention; military business has kept me away from the states for 2 years. P. O. What are commercials like? You would be surprised how much they're missed. When the DX season begins, I am installing the ICOM in the car and going up to my favorite vineyard. I only wonder what the Germans will think when I have this odd-looking antenna (loop) mounted on my roof, nox-nights. Well, I guess I'll end this and hope that everyone enjoys himself at the convention. One final word: If anyone would like to write me and tell me of their experience, feel free. I think I am the only NRC member around here. For those possible members here in Deutschland, my address is Herr Manning - Schwaben Str. 8 - D5580 Traben-Trarbach. (Michael: no problem on the handwriting, but please throw away your #3 pencil!! -pls)

Barry Bayes - 9 Henry Street - Wilkes-Barre, PA 18702

I guess you can call this my first contribution of the new season. I am not doing any AM DX'ing at the present time but expect to start as usual, right after Labor Day. As far as I'm concerned, and what my experience tells me, the best AM DX'ing months are Oct. and Nov.; after that, most seasons go downhill. Presently I am hoping for some good tropo openings on the FM band. It's been somewhat of a boring FM season in Pennsylvania so far. Locally, the talking blight is about to infect WILK-980 this Monday night, 8-12. This previously 7-40 AM station will set aside this format between 8 pm and midnight for Talknet between 8 and 11; and at 11 pm, you guessed it, a radio psychologist to solve all those personal problems you never thought you had. More and more anti-AM radio talk seems to be surfacing in the WPTA's VHF-UHF Digest. Not only talk touting FM's lead in the listening ratings but also talk that the AM band has no right to exist and should be eliminated. This talk is disturbing to me, and I can't see what purpose it serves. AM broadcasting, after all, provides jobs and provides an alternative to the homogenized formats dominant on FM. In addition it provides long-distance reception for the everyday consumer-type listeners besides providing an interesting hobby for radio nuts. I never see anti-FM talk in the DXN. By the time this sees print I will have been in RI, hopefully, and will have had a good time. Wishing everyone a good season in '85-'86. (Oh, well, let 'em have their little moment of glory, Harry. AM radio is coming back, and by the time station programmers realize that most current music belongs on FM and most information on AM, the DCB will regain its fair share of listeners. That's a prediction! -pls)

Mountains, and Oceans, and Contests

Bruce A. Conti - Appleton Gardens, Apt. 5 - New Ipswich, NH 03071

It's interesting to note the different stations reported in DDXD by Patrick O'Connor in Hinsdale, NH, compared to what I've been hearing. Hinsdale is only 30 miles to the west of New Ipswich, but we're separated by the 3165 ft. pile of granite called Mt.

Monadnock along with many other peaks in the Pisgah, Monadnock, and Wapack ranges. The 2310 ft. peak of Pack Monadnock mountain, in the Wapack range, is about 5 miles to the north of New Ipswich, with several other peaks just to the north and west, including Mt. Martha and Temple Mountain. This location seems to favor reception of stations from the Appalachian Mountain ranges of Pennsylvania, with some of the more surprising summer DX catches being WJAN-1150, WFBG-1290, WNET-1580, and WOPX-1300, along with more widely-heard stations like WAKG-1470, WCNB-1460, WWOX-1350, WKOK-1070, and WERR-1580 (NJ). Everyone's familiar with coastal location DX'ing, especially with the reports of Neil Kazaross, Mark Connelly, and Arnie Cooper. But seldom do you hear about how an inland location, such as a mountain range, river valley, or lake, may affect DX conditions. If any inland NRC'ers have made any observations concerning local geography and how it may have affected their reception, how 'bout a Musings? And while on the subject of DX locations, why is it that Richard Wood in Hawaii has been able to log east coast stations like WQXR, WHVA, etc., while east coast DX'ers have enough trouble trying to hear KFI? The Pacific Ocean, beverage antennas, propagation; how do they help reception of New York from Hawaii, while hearing Hawaii in New York seems impossible? /// Thank you, Paul, for mentioning my "BCB Field Day Contest" proposal (V52, #29 Musings) in your **Monitoring Times** column. I'm looking for help in the form of suggestions for contest rules, entry fee, preferred date(s) and time, prizes; in other words, any ideas on the format of the contest. Calling all DX'ers, if you'd like to join the "BCB Field Day Contest Committee", drop me a line or express your interest in a Musings! In the meantime, I hope to see more DX'ers than ever before participate in Robert Kramer's contest. I like the new rules for this year's contest, especially the 50-mile rule and elimination of the progressive loggings. Robert has done an excellent job developing the contest over the years, making it as fair as possible. So let's all join in some friendly competition, and report your loggings in DX News! 73's. (Your idea is great, Bruce; I just hope it doesn't get ignored by the silent majority. My personal preference for time would be a weekend in late October, as the area near Twenty-Nine Palms does not cool down until then -pls)

Northern Plains Update

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

Changes which have taken place over the summer months in this region on the BCB are as follows: KATL in Miles City, MT has shifted frequencies from 1340 to 770. They have an upbeat MOR format. KBUF in Garden City, KS has moved from 1050 to 1030. At 1270, KJXX in Mandan, ND has shifted their A/C format to FM and replaced it with country/western from the Satellite Music Network. Here in Wishek, KWSK is now calling themselves K1330 with call letters used only on the hour. They are signing on at 6 am and signing off at 7 pm, 7 days a week. The KS95 Vikings Football Network, originating at KSIP-FM in the Twin Cities, has Joe McConnell and Stu Voigt handling the play-by-play. So far, the phone connections have been awful! The network includes KFYR-550 in Bismarck, ND; KFGO-790 in Fargo, ND; KGFY-1060 in Pierre, SD; KKA-1390 in Minot, ND; and KKA-1560 in Aberdeen, SD, and has a total of 55 stations. 33 FM DX reports were sent during the summer. The best day by far was July 8, with 10 reports going out in one day. I now have 479 FM stations verified. As the new BCB season begins, my verie total stands at 1438. I have joined the 1985-86 contest, having been pleasantly surprised at the second-place finish I managed in the last one. Thanks to Robert Kramer for his handling of his extra work. It is appreciated. Now for 2 responses to questions in issue 29. Raymond Nemec, my KNA CSL card is signed by Don E. Burrichter for reception on July 26, 1959. The card is dated August 7, 1959 and bears the slogan "The Heartbeat of Corn Country." Our esteemed editor wanted to know if we had won anything from a radio station. My answer is no, but I did win a radio from a gas station. Does that count? (Not unless I can count an ice cream maker which I won from an auto parts store, hi! -pls) 73's to all.

Bill Townshend - 4500 Conn. Ave NW #901 - Washington, DC 20008 (202) 966-8046

I thoroughly enjoyed the three days in Brewtown at ANARC. The displays of the various rigs weren't as numerous as in Toronto last year. I shared a room with Jim Albrect whom I met in French Polynesia during a South Pacific trip in 1971. He lives only nine miles from the hotel). He and I could talk oldies from now until the day after forever if anyone would let us; he is an avid nut on the rar mx of 1953-62, probably the top oldies fan in the Midwest. After the convention adjourned, I spent several hours at his pad listening to oldies on his phonograph. I'm just as much at home anywhere on this globe when it comes to oldies. WZUU-1290 is the "chainsaw" station (ACR like WDC-FM or WAVA-FM here in DC) while WEMP-1250 usually plays 1958-72 tunes. WISN-1130 carries the SGN (Solid Gold Saturday Night) program which is heard here on WASH-FM. WXTX spans several decades (1958-81) and has a much bigger playlist than WEMP. I'll be at NRC RI over Labor Day with several days on Cape Cod afterwards. I'll be back home before this hits print. During NRC convention I'll hear WHAW-1110 as a local; I bagged that guy while hearing an oldies show on WST-1110 as the station faded out. I heard WHIM for only three seconds, enough to catch ID. Sweet luck! Enough for now. LXIII.

Burton Zacks - 227 8th St. - Providence, RI 02906

The 1985 RI convention is now history. I met many people whom I knew previously only by mail or phone. The visit to the New England Steam and Electronics Museum was particularly interesting. I did not know before the visit that radio was developed before 1900, rather than in the 1910's and '20's. I missed out on the transmitter tour and station visits in the Providence area because I slept late on Sunday as a result of having stayed up late the night before trying to catch Gulf Coast stations that were broadcasting on day facilities or daytimers on the air late. I had no luck either in Providence or at Sachuest Point near Newport. WVL-870 was really bombing in; they seemed to be using a different pattern but my log shows them to be U3. During Hurricane Frederick, WVL said that they were shifting their pattern to improve coverage to the Alabama coast, the affected area. How can they do this? Is it legal and what technical changes must be made? (There's someone's cue for an article -pls) On Monday I went to Newport and after walking around the docks looking at boats of all sizes, I stopped in at WADK-1540. This daytimer's studios are located above a restaurant in facilities that have not been remodeled for a while. In the newsroom was an interesting collection of receivers from the 1930's and '40's. As for DX'ing in Providence goes, on 9-2 I received WOA-1580, Marathon, FL, with news about atrocities committed by the Sandinistas. Also CJSJ-1150, bringing total heard here to 394. I have found a job today, ending a long period of unemployment. (Congrats! -pls)

Verification Highlights

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

Here's a list of veries beginning in July. First off, it always helps to read Musings. From Issue #27, a big thanx to NRC'er John Foster who helped to verie a f/up report of WANS-1280 Anderson, SC from back on Oct. '84, on 7-8, also sending some stickers and blank stationery as I caught them in their ND pattern, so thanks, John! Back to 7-3, 2 in from a f/up of WEPD-1310 Bedford, PA, and a nice package of stuff from WEIR-1430 Weirton, WV. The new WPRQ-870 Colonial Hts, TN on the 5th with a v/l. No. 700 on July 10 from a June thunderstorm (in Reading, PA) reception of WEMV-850. 7-18, WWO-1390 Lynchburg, VA said I listened (about 45 minutes) more than the people there do! 7-20, MYL'er CJCL-1430 Toronto with a letter and 12 stickers, 7-27 WEIF-1370 Moundsville, WV with a letter from the Ministry Co-ordinator, and even though they are just down the road, I cannot hear them in the daytime. August veries brought WMD-1340 Atlantic City, NJ on the 9th as the PD wanted a Xerox copy of my Aiwa receiver manual; also sent a c/m as he said they haven't used one since 1967! On the 10th, W100-1000 Carlisle, PA sent a card, but they forgot to fill it in! Two f/ups and ppc from WYZD-1560 Dobson, NC sending it to Shadygrove Rd. (He mentions they are a full-time Gospel stn.; when I heard them, they were playing bluegrass.); the other from WWJ, ex-WKXX-1560 in Paoli, IN; also 2 c/m. A surprise verie on the 21st from WYIS-690 Phoenixville, PA who sent a v/l, c/m, b/s, and button in Spanish and English which leads me to believe they are programming Spanish, because when I heard them they were REL. 8-26, WNLK-1150 Churchville, VA just sent his business card! 8-28, another Virginian, WRAR-1000 Tappanahock sent a nice letter and sticker (also returning stamp) for a July 4 s/off and 8-13 f/c. Finally, 2 locals answered on the 27th, WASP-1130 Brownsville, PA with a letter and sticker and WBS-590 Uniontown, PA sent a card. Next week, the Pennsylvania and trip to New Castle, DE. My sincerest thanx to Dave Schmidt, too. Convention highlights and everything else, all next Muse. 73's!

Christopher Baskind - P. O. Box 3052 - Hattiesburg, MS 39401

Still trying to get ready for the upcoming season. Conditions from LA seemed to improve 8-29,30, but I was far too busy at the station getting ready for the possible arrival of Hurricane Elaine to sit down at a radio and DX. Hope Elaine gave you domestic-type folks a chance to log WQIS-890. (I tried for it, after a tip from Jim Hilliker, but WLS was too strong -pls) "Q-89" officially abandoned their old frequency, 1260, Monday 8-26 and stayed up the following Thursday night with storm reports. A guy I know over there said he fielded a bunch of long-distance calls during the evening, and with 10 kw non-directional, I'm sure they were well heard. WLS was probably not amused. WQIS should make a reasonable LSR/LSS for those trying to log Mississippi. Format is live-assist Drake/Chenault Urban Contemporary. I should point out the 8-26 start-up date was preceded by weeks of extensive program and transmitter tests at full power as they tried to shake the bugs out of the C-QUAM unit. Hours of operation and ID's were unorthodox - if not downright illegal - so maybe this will lay to rest any recent 890 unID's. Other stuff: I've been experimenting with variants of the Wedge loop. The latest model should be off the workbench and at work by the time this goes to print. It's switchable between the standard pickup and winding and direct-coupled configurations, and I've built up an attendant FET preamp (also switchable). We'll have to see how the whole thing goes together in practice, but so far I'm pleased. Sure beats plunking down major dollars for a commercial loop when the money is tight. Oh, and thanks to those NRC'ans who called and welcomed me back to the club. Special thanks to Gerry Thomas of Pensacola, who patiently answered many of my questions while I was trying to get settled back into DX'ing. Phone number is (601) 264-8333 5-10 pm Central if anyone wants to get ahold of me. And the door is open if anyone is ever in the

... just call ahead so my wife stays on speaking terms with me, please. Best to all.
 (handwritten addenda -pls) Since I wrote this, Hurricane Elaine changed its mind about hitting west Florida and came ashore in my hometown, Pascagoula. Damage here in Hattiesburg minimal, but the Associated Press sent me down to the coast first thing yesterday and it's a major disaster there. Mother's house in Gautier (hardest-hit area) is a mess but rebuildable. Peter and I did lose our jointly-owned tower at the house, but we'll put it up again sometime soon. Everyone's ok. Lots of stations damaged and off air. I'll write soon and detail the emergency broadcast operations, but chainsaws take priority over typewriters. Unable to raise Gerry Thomas in Pensacola, but assume he's ok since no Florida parhandle fatalities. Later.

John H. Rose NJ8Q - 26015 Thomas - Warren, MI 48091

The Ol' Philosopher has decided that the time to ponder the imponderableness of the Universe must cease for now. It's hard question time with yes or no, dollars and cents and sense answers such as "Is it possible that every Detroit radio station will have changed owners, formats, or locations in the very near future?" Very possible. Pete Kemp's recent Muse pointed out that WJR had gone ABC. Confirmed. What a wonder piece of irony here. In 2 decades WJR has gone from CBS to independent, back to CBS, to NBC, to ABC. Where does that leave WXYT (ex-ABC's WXYZ)? With mutual news. Irony here, the Mutual network was formed, according to WIXIE old-timers, to distribute the Lone Ranger and Green Hornet. Pete, your information about the sale of WXYZ, if you refer to WXYZAM (now WXYT), is a year old and the price quoted is off by a factor of 15. The Lone Ranger never galloped through the current facilities; WIXIE left the Maccabees Bldg. a quarter-century ago or more, now occupied by WDET-FM. If you mean the TV station, the rumor I heard was quarter of a billion dollars. And the bidding was hot. Some fast dial twisting here shows NBC radio has no local outlet in the nation's 3rd largest (richest) market. Looking over the area station list, there are no likely candidates. BOMESHELL!! Listening to WWJ this morning, the news was that since Gannett had slurped up the Evening News Association (for a paltry nearly three-quarter billion dollars) the new organization will, tentatively, spin off WWJ and WJOL (WWJ-FM) and WCEY FM and AM. And they just bought WCEY-1500! Friends, with the Cap Cities/ABC and ENA/Gannett mergers, and the recent unsuccessful takeover of Storer Brdctg., we are talking effects from major to ripple on most of Detroit's radio and TV stations. Add WYSI's request for frequency change and you see the Ol' Philosopher's thinking. /// One of the Great Things about living in the Great Lake State is the ease of drawing a map of the lower peninsula. Please hold your left hand up in front of you, palm facing away. Yep, it looks like a mitten (Californians may wish to look such a device up in the dictionary) (Hmmm -pls) What has this got to do with radio? Unreported stations, that's what! Use your wrist as the MI/OH/IN border with Detroit where your first (lowest) thumb knuckle is. WMMI-1350 Howell is a semi-local about 40 miles west (and who reports semi-locals?) and also easily heard in Lansing, center of your hand, as far up from your wrist as Detroit. The Lansing locality offers easy reception of WMMI-1520 St. Louis, about half an inch up. I can not confirm WBCH-1220 Hastings because 1240 is too powerful. Move up to the first knuckle, second finger (index) and you have Sears. Can't find it on a real map? Look for the US-10 and M66 intersection. This is home territory for me. Last summer I did a triple bandscan, from each of these locations, day and night, which I hope gets published before I send in this year's scans. WMLM comes into Sears easily. This year I've been to Bentley, first finger, first knuckle (get a good map; it's really a ghost town) but did not hear any unreported stations. Then I went to Onaway, top knuckle, first finger, with a side trip to Petoskey, third finger just about where your little finger ends, just to go station hunting. I can confirm that WWPZ-1340 Petoskey is on the air with Michigan Avenue Meeses Baseball (ok, ok - Detroit Tigers). While parked in the K-Mart lot I confirmed WMLN-1400 Elmwood Township, little finger, second knuckle, is on the air with religious programming. Good solid ID's on both. Tentatively, WKLT-1420 Kalkasko, third finger, second knuckle, is on the air with an ID of "The New FM 98" and advertising which, if memory serves, is local to Kalkasko. No call letter ID and I listened before and after the top of the hour. Vane Jones lists just one match of 1420 and 97.7 and the direction of reception was right. "Where is Elmwood Township?" you ask. My wife, who works in Lansing, had to call the Michigan Townships Association. There are several Elmwood Townships, only one as a likely candidate in Grand Traverse county, top knuckle, little finger, so it's near Traverse City. Daytime listening in both Bentley and Onaway was bizarre in that the band was dead. I mean, nothing except locals in Bentley until a cold/rain front dropped the temperature 15 degrees to finally pull in 42 stations, only 31 at Onaway, mostly weak. Nighttime was good, however. The unreported stations from the U. P. will have to wait until another trip to the state of Superior. The "Yoopers" are still talking secession. That's fine, but who will pay for the Mighty Mac? 'Til later. (John, may I point out that your geographic Musing will be quite handy to upper midwest DX'ers? You win the Metaphor Trophy, trade up. I had another pun in mind but I just can't put my finger on it ... egad! -pls)

HAP PAGE (Handicapped Aid Program)

Sam Barto, 47 Prospect Place, Bristol, CT 06010

Your bids and Orders for Direct Sale items go directly to the Address above, not to any of the NRC Addresses. Make your Checks and Money Orders out to "HAP". Do not send CASH thru the mail. This page brought to you as a Public Service of the NRC.

HANDICAPPED AID PROGRAM - U.S.A., INC.
 c/o John M. Kapinos
 86 S. Quinsigamond Avenue
 Shrewsbury, MA 01545 USA

September 1985

Dear HAP-USA Member or Supporter:

HAP-USA, Inc. is NOT dead.....YET.

The radio hobby press has, in the past several months, published various information on the activities of HAP-USA, Inc. Most important was the announcement by the Association of North American Radio Clubs (ANARC) that HAP-USA was dropped from the rolls of ANARC Club Members due to "non payment of dues".

It certainly is true that HAP-USA was dropped from ANARC. It is also true that the reason was the non-payment of 1985 dues. However, it must be made known that HAP-USA, Inc. is NOT in financial trouble. HAP-USA's dues obligation to ANARC in recent years has been less than \$20 per year. The HAP-USA, Inc. bank account at the Guaranty Bank and Trust Company in Worcester, Massachusetts has a balance in excess of \$20000. drawing interest at "Money Market" rates.

What HAP-USA needs now is an effective operational structure. Since the resignation of the former President some time ago there has been a void in leadership. I myself cannot do it all.

HAP-USA is in desperate straits. We must have a person, or team of persons, come forward to administer the Program. A fair estimate of the time involved would be in the area of 50-70 hours per month, each and every month. This is a very large commitment to make. My personal and professional responsibilities do not permit me to assume all of the duties involved.

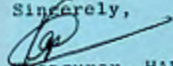
HAP-USA, Inc. is incorporated in the Commonwealth of Massachusetts. Under Massachusetts Law, should a non-profit organization such as HAP-USA, Inc. cease to operate, any funds on hand at the time of dissolution of the Corporation shall be distributed to other Massachusetts non-profit organizations under the auspices of a Judge of the Superior Court of the Commonwealth.

Should volunteers to administer HAP-USA, Inc. not come forward by December 31, 1985, I shall have no recourse but to declare HAP-USA, Inc. defunct, with appropriate action to be taken as per Massachusetts Law.

I am willing and able to work with any possible new leadership team.

Thank you for the opportunity to explain the situation to you.

Sincerely,


 Treasurer, HAP-USA, Inc.