

DX News

Since 1933. We know radio.

Volume 59, No. 11 - December 16, 1991 (ISSN 0737-1659)



Inside...

- 2 .. CPC Tests
- 3 .. AM Switch
- 4 .. DDXD-E
- 7 .. DDXD-W

- 8 .. IDXD
- 9 .. NWF Expedition
- 20 .. Radio Roundup
- 21 .. In the Beginning
- 22 .. Musings

CPC Test Calendar

Call	Freq	Date	ELT Time
WDOV	1410	Dec 16, 1991	0200-0406
WIQT	820	Dec 23, 1991	0100-0130
WARV	1590	Dec. 23, 1991	0330-0430
WCVR	1320	Dec 30, 1991	0000-0500
WDEL	1150	Dec 30, 1991	0330-0400
WGAN	560	Dec 31, 1991	0000-0400
KMYZ	1570	Jan 6, 1992	0101-0500
KUAI	720	Jan 12, 1992	0500-0900
KXOL	1320	Jan 13, 1992	0130-0200
WJJC	1270	Jan 20, 1992	0330-0400
WWII	720	Jan 26, 1992	0400-0430
KUSD	690	Feb 17, 1992	0300-0330

CPC test details are on page two.

From the publisher ... The CPC tests are increasing, due to the tireless efforts of NRC CPC Chairman Jeff Tynan and Wayne Heinen, who helps coordinate and disseminate CPC information, and IRCA CPC Chairman J. D. Stephens, who often is in contact with Wayne and the publisher so that both clubs' members may learn of DX tests as they are scheduled.

This current inter-club cooperation, we hope, is the opening of a new era in club relations. In the past, dating to 1964, members of the two clubs at times would not even speak to each other, and mentions of the other club's activities were even banned from club bulletins. We believe that some rivalry, in the spirit of friendly competition, is healthy for all clubs concerned, but that above all, no matter what affiliation a person has with a club, even if it be none, that the overall aims and objectives of the hobby should take precedence over petty personal concerns. *DX News* for several years now has refused to print juvenile pronouncements such as "We are #1", and we believe that IRCA's *DX Monitor* has followed the same policy under the leadership of president Phil Bytheway (who also is an NRC member, as your *DXN* publisher is a member of IRCA) and publisher Ralph Sanserino.

As the holiday season approaches, we wish our

members the happiest season ever, as we hope they will remember the true meaning of this season according to their personal beliefs. In the same vein, we wish "Good DX" to all radio hobbyists and hope they'll remember what drew them together in the first place: sharing DX information and fellowship. And you can be assured that the National Radio Club and *DX News* will continue to consider those activities as top priorities.

Radio Sofia ... We've received an English Language schedule from R. Sofia plus a copy of the New Year's PII (not to mention, for the first time, a Christmas/New Year's greeting card. If you'd like a copy of the schedule for both MW and SW, send an SASE to the publisher in Topeka.

Skip week ... Don't forget that *DX News* will not be published for one week during the busy holiday season; the publishing schedule will be as follows:

#	Deadline	Pub. Date
12.	Dec. 13	Dec. 23
	(No <i>DXN</i> published Dec. 20)	
13.	Dec. 27	Jan. 6
14.	Jan. 3	Jan. 13
15.	Jan. 10	Jan. 20

(continued on page two)

DX Time Machine

From the pages of *DX News*

50 years ago ... from the Dec. 13, 1941 *DXN*: With the U. S. entry into WWII, the FCC announced that all scheduled frequency tests were cancelled so that full use might be made of broadcasting stations for defense purposes.

25 years ago ... from the Dec. 17, 1966 *DXN*: John Callarman moved from Houston to Boston to accept not only employment with Kaiser Broadcasting and WXHR-740 but also to take over publication of *DXN*.

10 years ago ... from the Dec. 14, 1981 *DXN*: John Bowker's last AM Switch column ran as he got ready to turn over duties to Jerry Starr.

(continued from page one)

They joined ... Jimmy Marmack, Oceanside, CA; Richard Roush, Oregon, OH.

DXChange ... Kiwa Electronics is offering an assortment of 455 kHz IF filter modules, primarily for shortwave applications, from 2.8 to 6 kHz. Contact them at 612 S. 14th Ave. - Yakima, WA 98902 or (509)453-KIWA.

CPC Tests ...

WDOV-1410, P. O. Drawer B, Dover, DE 19903 will air special programming Monday morning December 16 between 0200-0406 ELT. Between the top of the hour and approximately five minutes past each hour, WDOV will air voice ID's, a 1,000 cycle tone, and code ID's, interrupting its regular programming. Our thanks to Bob Reinhardt, Chief Operator, and Dave Schmidt, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

WIQT-820, Box 288 - Horseheads, NY 14845 will air a special DX test Monday morning December 23 0100-0130 ELT. The test will include Morse code, tones, and voice ID's. Our thanks to Jim Barrett, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

WARV-1590, 52 Park View Ave. - Warwick, RI 0288 on Monday morning, December 23, will air special DX programming from 0330-0430 ELT, including music, voice ID's, and Morse code. Our thanks to Mr. Lincoln W. Hubbard NIATU, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

WCVR-1320, Box 249 - Randolph Center, Randolph, VT 05061 on Monday morning, December 30, from 0000-0500 ELT will air voice ID's, Morse code, and an unspecified schedule of continuous music. Our thanks go to Ed Stokes, Owner. Arranged by J. D. Stephens for the IRCA.

WDEL-1150, 2727 Shipley Rd. - Wilmington, DE 19803 on Monday morning, December 30, from 0330-0400 ELT, will air special DX Test announcements and other test programming during its regular schedule. Our thanks to Bob Mercer, Program Director. Arranged by J. D. Stephens for the IRCA.

WGAN-560, 200 High St. - Portland, ME 04101 will air special DX programming on Tuesday morning, December 31, at intervals from 0000-0400, including Morse code and special announcements mentioning the IRCA. Our thanks go to Charles (Chuck) Bullett WB1AEK, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

KMYZ-1570, 5810 E. Skelly Dr. #801 - Tulsa, OK

74135-6456 will run a special DX test from 0101-0500 Monday morning, January 6. The test will include Morse code ID's. Our thanks to Mr. Joe Hancock, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

KUAI - 720, Box 720 - Elelele, Kauai, HI 96705 will air a special DX test from 0500-0900 ELT Sunday, January 12, 1992. The test will include polka music and rock music by Led Zeppelin as well as Morse code ID's. By special arrangement with IRCA, WGN-720, Chicago will be off the air from 0500-0600 ELT. Reception reports may be sent to Mr. Michael Friedlander, Chief Operator, and notes of appreciation for the WGN silent period may be sent to Mr. James Carollo, Chief Engineer, WGN - 435 N. Michigan - Chicago, IL 60611. Arranged by J. D. Stephens for the IRCA.

KXOL-1320, 1730 Neptune Drive - Clinton, OK 73601 will repeat a DX test from November on Monday morning, January 13, from 0130 to 0200. The test will include tones and Morse code ID's. Our thanks go to Dennis Burton. Arranged by J. D. Stephens for the IRCA.

WJJC-1270, P. O. Box 379 - Commerce, GA 30529 will air a special DX test between 0330 and 0400 ELT Monday morning, January 20. The test will include music, voice ID's, and Morse code ID's. Our thanks to Mr. William Carson, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

WWII-720, 8 West Main Street, Shiremanstown, PA 17011 will conduct a DX Test on Sunday morning January 26, 1992 from 0400 to 0430 EST. Program will consist of polkas, big-band music, voice, and code ID's. Our thanks to Mr. Dean Lebo, General Manager, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

KUSD-690, Telecommunications Center, 4141 East Clark Street, Vermillion, SD 57069-2390 will conduct a DX Test on Monday morning February 17, 1992 from 0300 to 0330 EST. Program will consist of test signals and programming. Our thanks to Mr. Larry Rohrer of South Dakota Public Radio for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

Need to renew? Expired? The mailing label will tell you.

Need more information about Medium Wave DX'ing?

Mail \$1.00 to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164; ask for the Reprints Catalog.

How to place orders ...

By mail: Write to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164. Enclose check or money order; NY residents, add state and local taxes. If ordering by credit card, you may write to NRC - P. O. Box 24 - Cambridge, WI 53523-0024; include information below your signature. **By phone:** Call (608) 423-4159 from 7-11 pm ELT. Have ready your VISAMC information: Card type, number, expiration date, name on card, evening telephone number. State and local taxes will be added to WI residents' orders.

AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGE

Old call:
1230 WRLX AL Tuscaloosa

New call:
WNTW

WAVU, WQSB

630 kHz 105 MHz
TELEPHONE 205-878-1311
P.O. BOX 190
ALBERTVILLE, AL 35950-0190

APPLICATIONS / GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

1290 WGLI NY Babylon: city of license to Masti Beach, NY, night power to 550 watts (This station is silent. Previous application for this change was denied since it violated the AM freeze. Since the freeze is about to be lifted they are making application again. We should start to see more of these major change applications in the coming weeks.)

1540 WOCR NC Charlotte: power to 2500 watts
1570 WTRB TN Ripley: day power to 28000 watts, add 534 watts at night

GRANTS TO EXISTING FACILITIES

None

OTHERNESS

680 WLSY KY Newburg: If you have been following the saga of this new station, here's the latest installment: They let their construction permit expire after building an elaborate directional antenna system/transmitter site and doing some testing with open carrier. The station never went on the air. Now they have requested a new CP to replace the expired permit so they evidently still have plans to get this one operational.

810 WBYY MI Rockford: silent station is ON THE AIR with a format of all advertising, many of the "want ad" type. Call is form of the word "buy".

820 WSRC IL Chicago: silent station missed another target date, newspaper article gives the next target as 12-16-91 but speculation in the industry guesses this won't get on until 1992. It has been reported in the Sun Times that the license has not even been transferred yet.

1220 WCPH TN Etowah: silent station is ON THE AIR
1310 WBRO GA Waynesboro: silent station is ON THE AIR
1500 WKIZ FL Key West: station now relays W100-610 kHz Miami
1570 WNSH MA Beverly: silent station is ON THE AIR, evidently they weren't off for very long.

THANKS: Stan Morss, Steve Francis, Phil Boersma, Ken Onyschuk, MSJ

73 and Good DX, *Jerry Starr* BKF Jerry Starr & Buffalo K. Foorman

Domestic DX Digest - East

DX Catches in the Eastern U. S. and Canada, with 24-hr. ELT

William Hale

734 Burlison
San Marcos, TX 78666-4335

MEDIUM WAVE RAMBLINGS

- Another new member Welcome is due to **Jeff Multer** of Charlotte, North Carolina. Jeff reports details on the TIS at Charlotte-Douglas Int'l Airport which **Mike Hardester** reported a few issues back. And he sends word concerning KGHT in Arkansas. Good report, Jeff. Check in more often!
- A note from **Doug Smith** regarding **Mike Brooker's** question about TISs on frequencies other than 530/1610/1620 . . . there's a sign at **Opryland USA** in Nashville advising visitors to tune to 580 kHz. However, Doug says he has yet to hear the station, even when visiting the park.
- And here we go . . .

SPECIAL

- 560 WYOR TN BRENTWOOD - 8/19 0429 guess what - they're back! BRN again; 99.7 has been pre-empting BRN a lot, they may not even be carrying it at all anymore (DS-TN)
- 610 WPLO GA GRAYSON - 11/18 2204 still on with good signals; shouldn't they be OFF by about 1900 or so? (DS-GA1)
- 660 WESC SC GREENVILLE - 11/18 0035-0050 had to be these guys with one song after another, and no ID at all; good, solid +30 and power cut just before 0100; anybody else hear this? (BP-NC)
- 730 WJMW AL MADISON - 11/20 1931 poor with CNN Headline News, legal ID; I think Athens was given as the city-of-license, but since I couldn't reference the Log while driving, I didn't write it down; ex:WDKT and format change from UC (DS-TN2)
- 880 KGHT AR SHERIDAN - new address is: P.O. Box 580, North Little Rock, AR 72114 & phone # is 501-376-0880; also during a conversation with a station staffer, they said they run 50,000 watts days and 31,000 watts nites, but didn't have pattern info; person also said they've been running GOS during the afternoons since September and it was going over well with listeners (JM-NC) [If they are indeed running 50kw days now, that's an update for the Log, which shows an application for same. But they actually have 220 watts at "night", having 31,000 watts during Critical Hours. The night pattern is probably one of the new "standard" patterns, this one protecting WCBS -Ed.]
- 890 WLS IL CHICAGO - 11/10 actually an FM item, but I thought AM types would find this amusing . . . WLS-890 is now running dual Talkradio IDs with 94.7 FM WYZT-94.7 and is AM 890! (DS-TN2)
- 910 WFVR GA VALDOSTA - 11/18 1107 XLNT (local) with Florida Vacation Radio, kind of an ultra-commercial TIS; if you read about the all-ads FM station in Adel, GA, this is their competition (DS-GA2)
- 1160 WACY MI FENTON - now carries audio of 6 PM WNEM-TV5 local newscast 1800-1830 Monday - Friday (TS-MI)
- 1470 WKMF MI FLINT - 1st hrd on 11/6 on 101.7; this FM is apparently leasing its entire broadcast day to WKMF; many non-IDs and promos regarding new FM service, but legal ID WKMF Flint, WGMZ Tuscola (TS-MI)

UNIDS AND UNID HELP

- 990 UNID ?? - 11/10 1833 someone XLNT with FF talk!; either someone hit the wrong switch and put CKSB audio on CBW-MB, or I hrd a FF pgm on KXLA-LA (DS-TN1)
- 1600 UNID ?? - 11/10 ~1730 on caradio, someone with AOR fighting it out with KATZ; strongly suspect WZQB-GA (DS-TN1)

TIS AND OTHER STUFF

- 530 TIS NC CHARLOTTE - now on a regular 24-hour-a-day schedule with parking info; planned broadcasts will include terminal locations, flight delays,



Iowa City

etc; although no call sign is announced, it does ID the Airport (Charlotte-Douglas AP); antenna is on a telephone pole at the north side of the AP at Airport Drive & West Blvd in Charlotte; management said they welcome reception reports . . . prepared QSL cards can be sent to Mr. Michael Penny, Parking Manager, c/o Charlotte-Douglas International Airport, P.O. Box 19066, Charlotte, NC 28219 (JM-NC)

WIRY
RADIO
301 CORNELIA ST.
PLATTSBURGH, NY 12901

MIDNIGHT TO 0800 HOURS ELT

- 620 WSUN FL ST PETERSBURG - 11/21 0437 CL ID followed with wx all covering Florida locations; CL ID followed wx and then C&W mx; signal quite strong for about 10 minutes, then faded out (JH-PA)
- 940 WMIX IL MOUNT VERNON - 11/18 0037 fair with nx; CBM up and over by 0040 (BP-NC)
- 1010 CFRB ON TORONTO - 11/18 0030 solid over WINS with nx; mention of Canada's most listened to station; jx full ID → CLA mx at 0033 (BP-NC)
- 1250 WAPZ AL WETUMPKA - 11/15 0630 fair with B:GOS, ad for Calhoun Supermarkets in Montgomery-Selma-Tuskegee, 1250 AM WAPZ Wetumpka Montgomery ID (DS-TN1)
- 1330 WZCT AL SCOTTSBORO - 11/15 0700-0715 popped out of nowhere (pattern change/power increase) with OLD and CNN Nx, ad for Piggly Wiggly in Scottsboro; lots of QSB, over/under KVOL (DS-TN)
- 1460 WVOX NY NEW ROCHELLE - 11/17 0605 in WIMX null (which dominates this freq); local nx, all with New Rochelle interest; positive CL and location ID at 0605; faded out completely about 3 minutes later (JH-PA)
- 1520 KACY LA LAFAYETTE - 11/4 0050 w/satellite NOS; 0100 ID: 1520 Casey (or KC) KACY Lafayette, over/under WWKB/WVOI (REH-ON)
- 1590 WQCH GA LAFAYETTE - 11/15 0718 good at times, deep QSB; Lafayette and Walker County nx & events (DS-TN1)

0800 TO 1600 HOURS ELT

- 700 WLW OH CINCINNATI - 11/16 1135 wx, sports, ads; big signal in here for late morning! (BP-NC)
- 880 WCBS NY NEW YORK - 11/16 1140 nx, ads; solid as a rock over WBKZ (BP-NC)

1600 TO 2400 HOURS ELT

- 540 KNOE LA MONROE - 11/20 1811 XLNT with satellite OLD, promo with frequent mentions of AM Stereo (DS-AL)
- 680 WODZ TN MEMPHIS - 11/16 1753 good at times and alone with slogan: Memphis' Oldies Station for All Time (HJH-PA)
- 720 WMXY GA HOGANSVILLE - 11/8 1742 booming in with UC, mention of The Big 720; sign-off at 1745 (BP-NC)
- 730 WMTC KY VAN CLEVE - 11/18 1708 obits, all with Kentucky and Ohio locations, followed by local nx all with KY references; ad for car dealer along KY Rte 15 North; 1715 CL ID followed with what seemed to be either sign-off or power reduction, complete fade-out (JH-PA)
- 780 WZZX AL LINEVILLE - 11/9 1828 loops N-S; good → XLNT with C&W, 95 Country slogans; presume this, relaying WASZ-95.3 Ashland; other possibility (WLRM-MA) has no 95 Country in area (DS-TN1)
- 810 WXLR GA HAHIRA - 11/20 1740-1745 good with contemp GOS, Light 81 slogans; vanished in mid-song at 1745, sounded like power cut, but should have signed off, KCMO dominant thereafter (DS-AL)
- 880 KJOJ TX CONROE - 11/11 1810 fair with REL and call ID: The station for inspiration KJOJ AM & FM → contest promo (a dozen roses) giving a Houston address; no sign of WCBS but lotsa Cuban QRM (REH-ON)
- KJOJ TX CONROE - 11/20 1749 good with promo for some religious offer thru the station (Box 53023, Houston 77273), several KJOJ AM & FM call IDs; ex:KIKR and C&W (DS-AL)
- 920 KYST TX TEXAS CITY - 11/20 1750-1759+ very good with their interesting Tejaño format - Latin mx, annr switching languages in mid-sentence; good Texas opening (DS-AL)
- 930 WMGR GA BAINBRIDGE - 11/10 1830 good with satellite OLD, Oldies 930 WMGR slogan (DS-TN)
- 970 WNIV GA ATLANTA - 11/9 1822 good with slogan and call ID, ad for Budget Auto Rental (DS-TN1)
- 1060 WMCL IL MC LEANSBORO - 11/17 1735 fair over/under KYW with ads (BP-NC)

- 1060 WMAP NC MONROE - 11/12 1645 OLD, AC; very solid over WCOK; another rare one into western NC (BP-NC)
- WCOK NC SPARTA - 11/12 1640 local nx, PSAs with Gary Poole → C&W mx; very rare here, no sign of KYW (BP-NC)
- 1090 KAAV AR LITTLE ROCK - 11/16 1737 fair with WBAL looped; ads for Conway, ID and syndicated GOS programming (HJH-PA)
- 1110 WEBS GA CALHOUN - 11/9 1749 lots of QSB; C&W mx, 1800 sign-off with several call mentions (DS-TN1)
- 1140 WBXR AL HAZEL GREEN - 11/9 1744 poor in noise with OLD, sign-off with unID march - probably Tennessee Vols fight song; *We're requested by the FCC to vacate the frequency overnight!* (DS-TN1)
- WBXR AL HAZEL GREEN - 11/11 1747 good with OLD, then → sign-off saying they've been requested by the FCC in Washington to discontinue this frequency until tomorrow morning, said they serve Hazel green, Meridianville, Huntsville, Fayetteville, Clark City, Lincoln County and several hundred other communities ([and all the ships at sea, hi - Ed.]; AL # 150 (REH-ON))
- 1190 KUII TX DALLAS - 11/20 1759+ good with local nx and call IDs (DS-AL)
- 1230 WTKXI FL PENSACOLA - 11/9 1811 AOR in mess under network FB; strongly suspect this as WNOR should be only other AOR on the channel and I was looping N-S (DS-TN1)
- 1260 WRIE PA ERIE - 11/17 1733-'1745+ really strong with fades; had satellite 50s ROK and early 50s mx; ad for Erie Paint and slogan *Erie's best oldies wrapped in memories*, 1st time here (HJH-PA)
- 1270 WHYD GA COLUMBUS - 11/12 2027 good briefly with GOS mx and PSA for a religious home; new here (HJH-PA)
- 1310 WSLW WV WHITE SULPHUR SPRINGS - 11/18 1640 local nx all with WV locations; at 1643 item about First Baptist Church in White Sulphur Springs; fairly strong signal, but faded out completely by 1645, just after positive CL ID (JH-PA)
- 1330 KVOL LA ALEXANDRIA - 11/10 1842 fair with satellite OLD, call ID (DS-TN1)
- 1350 WSMB LA NEW ORLEANS - 11/10 1846 poor in QRM with promos including several call IDs, ad for channel 49 (WCCL-TV) (DS-TN1)
- 1360 WVSJ NJ WASHINGTON TOWNSHIP - 11/20 1900 *Voice of South Jersey*, ad which included phrase . . . *four best restaurants in the Tuckahoe Valley*, weak, and in and out but CL ID positive at 1900 (JH-PA)
- 1460 WXRQ TN MOUNT PLEASANT - 11/9 1730 weak in QRN with ad for something . . . *located on the Lawrenceburg Hwy here in Mount Pleasant*, other local ads, call ID (DS-TN1)

REPORTERS

- DS-XX DOUG SMITH//TN1 = Nashville, TN//TS-680 + Palomar Loop//TN2 = mile marker 18 on I-65 near Pulaski, TN//Ford caradio//GA1 = Norcross, GA hotel room//ICF-2010 barefoot//GA2 = I-75 near Valdosta, GA//Ford caradio//AL = I-65 in metro Birmingham, AL//Ford Caradio
- REH-ON CHARLES REH//Leamington, ON//R-390A + Sanserino Loop + TR-3000 open reel tape recorder
- JM-NC JEFF MULTER//Charlotte, NC//
- HJH-PA HARRY HAYES//Wilkes-Barre, PA//Superadio + SM-2
- TS-MI COL TOM SANDERS//Davison, MI//ICF-2010
- JH-PA JACK HORNER//Lancaster, PA//ICF-2010
- BP-NC BILL PRATHER, KC4KMG//Tryon, NC//TS-430S + Alpha Delta Sloper
- Ed.-CA Ye Editor,N5SZC/61/Victorville, CA//

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD-E

||: parallel with or to - :to or into :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band BRN:Business Radio Net C&W:country & western CHR:contemporary hit radio CID:code ID CL:call letter ContChr:contemporary Christian E.ZL:easy listening EE:English FF:French GOS:gospel IRN:Interstate Radio Net jx:jingle LSR:local sunrise LSS:local sunset MLB:Major League Baseball mx:music nx:news NPR:National Public Radio OC:open carmer pbp:play-by-play PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International wx:weather

73, Bill

KIRO NEWSRADIO 71

Domestic DX Digest - West

DX Catches in the Western U. S. and Canada, with 24-hr. ELT

Wayne Heinen

4131 S. Andes Way
Aurora, CO 80013-3831
FidoNet: 104/108 (303) 699-6335 (ppd)

DX TESTS!

1320 KXOL OK Clinton
11/25 0130-0140 Unneeded here but check during this slot yielded nothing. (0W-CO)

SPECIAL!

740 KVFC CO Cortez
11/29 1845 OLD Mx "Pure Gold KVFC" and "Your station for good time rock and roll" slogans... mixed w/ at least 4 other stations. (0W-CO) 11/15 0927 "AM 7-40" w/ new OLD format. (ex-KISZ) (JT-CO)

870 KOWAt NV Laughlin
11/29 1920 C&W Mx, "AM 870 Cow" slogans. Lcl spots. Faded soon (ex KROL) (0W-CO)

1500 KJIM TX Sherman
11/30 0701 Male announcer w/ s/on "... KJIM Gospel Radio 1500... 1500 kHz with a power of 1000 watts" Poor w/ KDKO slop. TX # 116. Now REL (ex-KTXO) (0W-CO)

Midnight to Midday!

710 KIRO WA Seattle
11/17 0556 Lcl spots to "Cairo" ID to CBS Nx. WA #11 (JT-CO)

900 KBIF CA Fresno
11/28 0100 ID to USA Net News. REL talk 0106-0150. CA # 71. (0W-CO)

Midday to Midnight!

660 KEYZ ND Williston
11/29 1609 "Newsradio 660" and "Keys Country" slogans. Lcl spots to "The Rest of the Story" Fair o/u KTNN. FTH! (WH-CO) 11/30 1731 C&W Mx "6-60 Keys Country" slogans ND # 17 (JT-CO)

740 KBRT CA Avalon
11/29 1900 End of "Open Forum" ID "Live talk, proven answers this is AM Stereo 7-40 KBRT Avalon. Your Crawford Broadcasting company station." to Nx. Awesome signal totally dominant. (0W-CO)

780 WJAG NE Norfolk
11/29 1815 News of Big Red going to the Orange Bowl.. while Colorado goes elsewhere. Followed by full data s/off. Good o/WBBM. (WH-CO)

940 KIXZ TX Amarillo
11/29 1833 Net spots to Prgm promo call letter ID and "The Magic 94" promo. Good w/ KYGO-950 splash. (WH-CO)

1120 KANN UT Ogden
11/29 1805 Promo for the best in REL music. Call ID to REL prgm. Fair o/u KLIM. (WH-CO)

1340 KDEN CO Denver
11/29 1800 "Your News Station KDEN, Denver" to MBS Nx. (WH-CO)

1400 KTMK OK McAlester
11/27 1843 Male & Female ann w/ contest. Win a pizza. OK # 36. (JT-CO)

ID'd UNID!

1450 ID'd as KTZR AZ Tucson
11/11 0210 SS using "Radio Frontera" slogan w/Romantic SS music. Ads @ 0213 in the mud. (This has been ID'd now as KTZR by John-ed) (0W-CO)

CONTRIBUTORS!

(JT-CO) Jeff Tynan Parker, CO - Sony-2002 w/2401si Loop
(0W-CO) John Wilkins Whetstone, CO - R-1000, 4.238' A nguilla Loop
(WTE-CO) Wayne Heinen Aurora, CO - R-390A 4' NRC loop

73
Wayne

WBYY **810AM**

Your Best Buys on Jewelry, Sporting Goods, Cars, Electronics & more.
And Call The Buy-Line
940-8600
For more great deals 24 hours a day

Join the Target DX revolution!

Become a better DX'er by targetting. Help yourself by making requests for information ... help others by sharing your experiences through Bruce Conti's Target DX" column. There's strength in numbers and shared information ... and what better way to DX than by DX'ing "smart"? Send your requests and tips to Bruce Conti - 34 Kessler Farm Drive, Apt. 566 - Nashua, NH 03063-7144.

International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Jim Renfrew
61 Wilcox Street
Rochester, NY 14607-3832

A great turn-out this week. Welcome to all new reporters. I believe we are making progress, because I'm not sure who's new anymore!

A special welcome to Jeff Kitze who is doing his best to ID stations without a NRC Log or WRTH! It can be rough without these!

Please note that Cuban call letters used in each logging are as shown by the original reporter. Most Cuban stations do not use call letters over the air, so most of us guess them from the annual WRTH listing. The station slogan is what really matters on these.

PAN-AMERICAN

- 535 GRENADA St. George's 0210 11/7. Mixing w/CIAO w/what sounded like religious mx, accented talk. [JK-VA] (CIAO is multi-lingual - Jim)
- 550 VENEZUELA R. Mundial 0000 11/26. SS man w/many mentions of Mundial, commercial w/mom/dad/kids happy about something and into pop mx. [JF-NY]
- 560 JAMAICA UNID 0350 11/13. Mentions of Jamaica in EE, do they run on this channel? [JK-VA] (Yes, // 700/750 - Jim)
- 580 JAMAICA RJR 0400 11/7. Local obits read by announcer with Jamaican accent, louder than 590/600 Cuba, many RJR IDs. Also 0320 11/13 w/sx, \$10,000 contest, // 720. [JK-VA]
- 590 CUBA R. Reloj 0505 11/8. Loud! Also on 760/790/910/930/940. Beep beep! [JK-VA]
- 600 CUBA CMKA 0508 11/8. Very loud w/speech // 620 and others. [JK]
- 670 CUBA R. Progreso 0529 11/8. Very loud w/mx // weaker 680. [JK-VA]
- 700 JAMAICA R. One, Montego Bay 0550 11/14. Reggae mx u/o WLW, mostly o/WLW, coming in good. [JK-VA]
- 710 CUBA R. Rebelde 0112 11/25. // 3366 w/lively SS mx program. [JF-NY]
- 720 MEXICO UNID 0400 11/3. S/off sounding like XEACM or XEABM, followed by vocal NA. Anthem noted again 0400 11/6 and 11/7, way u/Jamaica/YNACE. WRTH 91 shows nothing likely. [SF-TN] (I've heard this too - Jim)

- 720 NICARAGUA YNACE, R. Católica de Nicaragua, Managua 0402 11/1. Good w/several IDs during possible newscast, WGN barely there. [SF-TN]
- 730 MEXICO XEX 0450 11/13. Poor, w/mx & talk, mixing w/WFMC, XEX ID. [JK-VA]
- 750t VENEZUELA R. Caracas 0100 11/25. Several ads back-to-back, all mentioning "en Caracas" and then into SS rock mx. No definite station ID heard but WRTH lists 100 KW R. Caracas. [JF-NY]
- 760 CUBA CMCD, Guanabacoa 0740 11/11. R. Reloj SS talk by man; fair/good o/u WJR. [WPT-DC]
- 780 MEXICO XESFT, San Fernando TAM 0034 11/8. Strong nightly during the first week of November w/"La Fronta Norteña" IDs and Mexican mx. [SF-TN]
- 780 VENEZUELA YMMN, R. Coro 0711-0720 11/6. Clear u/o WBBM w/SS mx and R. Coro IDs. [SF-TN] 0047 11/13, good w/"La mas música a las doce y quarenta siete"; colorful, way o/WBBM. [JK-VA]
- 790 CUBA CMCD, Pinar del Rio 0745 11/11. R. Reloj w/pips; fair u/WTAR. [WPT-DC] Heard 0510-0533 11/16 w/male and female announcers in SS w/time signals. Strong until fade-out u/CIGM. [HAC-PA]
- 800 NETH. ANTILLES PJB, Bonaire 0205 11/9. In the strongest I've ever seen it, bandwidth = 30 kHz, S-30+. No sign of semi-local 24 NSP WSVS or CKLW, local strength w/religious program in EE, later SS, mention TWR, Bonaire, etc. [JK-VA]
- 810 COLOMBIA HJCY, Caracol, Bogotá 0526 11/8. Male SS announcers, many mentions of Caracol, loud. [JK-VA]
- 810 PUERTO RICO WKAQ, Ponce 0828 11/21. SS mentions of Ponce, call in show discussing education in PR. Time check beep! @ 0830 and "a las trece y media" then nx in SS. [JK-VA] (Jeff this would be WKVM in San Juan, except PR time should be UTC minus 4, not 5 - Jim)

- 820 UNID Santiago, Chile (tent) 0510 11/14. In loud w/SS mx, almost sounded like SS opera. No sign of usual WBAP and CHAM. [JK-VA] (not sure why you think this might be extremely rare Chile, could be many others much closer! - Jim)
- 825 ST. KITTS R. Paradise 0354 11/13. In good w/discussion of tax dollars spent in US during religious program in EE. Almost as good as it sounded in 1978. [JK-VA]
- 830 BELIZE R. Belize 0358 11/13. EE w/religious show, ID mentioning Belize @ 0400, in good, no sign of WCCO. [JK-VA]
- 830 VENEZUELA R. Sensación 0050 11/25. Male chorus w/"R. Sensación - R. Sensación" into SS mx; no sign of WCCO. [JF-NY]
- 980 CUBA CMBN, Guanabacoa (COCO, El Periodico del Aire) 0459 11/5. Shouted "ceh-oh-ceh-oh" by man, then s/off by woman followed by about 15 seconds of EZL piano mx, then NA. This never varies per several subsequent receptions, so must all be on tape. [SF-TN] (Try sending your report to Arnie Coro, Radio Habana, PO Box 6240, La Habana. He's said he will get them to the right station personnel. - Jim) 0244 11/16, loud Mexican mx o/WRC, amn and woman reviewing SS rock mx, also SS reggae? Catchy sound fx, whistles etc. [JK-VA] (Wonder if you were hearing Cuba? I noted this one strong w/beisbol while in NC for Thanksgiving - Jim)
- 1020 VENEZUELA R. Margarita 2340 11/25. Many ads, including American Express, mentions of Mundial Margarita, and Margarita. IDing this one a bit tough. [JF]
- 1070 CUBA CMMP, Guantanamo 2310 11/25. R. Anti-Imperialista SS talk by female. Good, no sign of pest WIBC. [WPT-DC]
- 1080 VENEZUELA R. Barcelona 0035 11/25. SS man w/talk and R. Barcelona ID at 0036 into SS female vocals; dominant way o/WTIC. [JF-NY]
- 1150 CUBA CMND, Bueycito 2321 11/25. LA mx, fair u/WMET. [WPT-DC]
- 1165 ANTIGUA Carib. Lighthouse 0045 11/14. EE religious program, WWVA and WJJD weak. [JK-VA]
- 1170 MEXICO XECD, Puebla PUE 0708-0802 11/7. Fair to very good w/slow SS ballads and frequent recorded IDs for "XECD-AM, ¿Nufustachi?, Oro-FM", each preceded by CST TC. At 0800 heard "desde la ciudad de Puebla", followed by (unreadable) details for both stations, then
- back to mx. Really strong on peaks w/slight WAVS QRM, usual WWVA/KVDD gone in aurora. [SF-TN]
- 1184a UNID 11/25 & 11/26. Seems an off-frequency SS station's been popping up and giving 1190 all sorts of trouble, can't ID it as of yet. [JF-NY]
- 1350 MEXICO XETB, Torreón COAH 0700 11/4. Huge surprise after WSMB's 0658 s/off. Very weak but all alone w/typical Mexican full-data top-of-the-hour ID, including "R. Laguna" slogan, romantic vocals followed. [SF-TN]
- 1510 USA WSSH, Boston 0740 11/21. Sounds Mexican o/u WLAC, very lively, echoey audio, in most nights. [JK-VA] (Probably Boston! - Jim)
- 1520 MEXICO UNID 0101 11/7. Tuned in just in time for end of XE anthem, poor but alone in raging aurora. WRTH 91 shows several possibilities. [SF-TN]
- 1570 TURKS & CAICOS ISLANDS Atlantic Beacon 0711 11/16. Very loud w/religious show, no sign of CHLO or US domestics, some fading, hetting (XERF?) [JK-VA] 2328 11/25 w/ID by EE man "This is the Atlantic Beacon from Turks and Caicos Islands in the British West Indies, 2329 into CNN Headline nx. [JF-NY]
- 1610 ANGUILLA Beacon In every night around 0000 or so, w/religious programming in EE, wonder if they will move to 1710 (if and when the band gets crowded)? [JK-VA]

CONTRIBUTORS

- [SF-TN] Steve Francis, Alcoa TN; 1970 Realistic TRF 12-675
- [WPT-DC] Bill Townshend, Washington DC Sony ICF-2010
- [HAC-PA] Henry A. Cotterill, Jr., Milford PA; GE Superadio
- [JF-NY] Jim Fedor, Brewerton NY; Radio West R70, 1000' beverage.
- [JK-VA] Jeff Kitze, Dillwyn VA; Sony CFM-140 II AM/FM Cassette, barefoot!



Newfoundland DXpedition: November 1991 ... by Mark Connelly - WA1ION

"So Much DX, So Little Time" or "Neil, Jean, and Mark's Excellent Adventure"
 DX by Neil Kazaross, Jean Burnell, and Mark Connelly

During the summer of 1991, I started making plans for a DXpedition about which I had long fantasized. The trip would be to a location near the Signal Hill site in Newfoundland from which Guglielmo Marconi had established his first Trans-Atlantic wireless communication 90 years earlier. Hearing Trans-Atlantic (TA) stations would again be the goal, this time on Medium Wave. Neil Kazaross got interested in the project right from the start and said he was psyched about getting involved, despite the long journey he'd have to take from his California home. He said it would give him an opportunity to hear TA, Brazilian, and Caribbean DX that he hadn't heard since his East Coast DX glory days in Ogunquit, Maine circa 1984-1985.

I circulated a memo among several DXers that specialize in logging foreign stations. Through Nick Hall-Patch, I was informed that there was an active DXer right in St. John's: Dr. Jean Burnell. He teaches chemistry at Memorial University; he knows the shortwave bands thoroughly as well as having done quite a bit of medium-wave listening. Nick said that Jean's loggings, including such "goodies" as Iraq-1360 (before it got blown up), have appeared in the *CIDX Messenger*. Jean was contacted and he said that he was glad to participate. I knew that this local support would help the effort greatly. Dates of 7 NOV through 10 NOV 1991 were set for the DXpedition.

After I did a bit of map study, I concluded that the area around Renewes and Cappahayden (about 50 miles south of Marconi's site in St. John's) would be ideal because it would be far enough from St. John's local AM's (that, of course, didn't exist in 1901) to provide good DXing opportunities. With significant land blockage towards US & Canadian stations to the west and waterpaths to desired Europeans, Africans, and South Americans, a better site could hardly be imagined. Going farther south to Cape Race would have reduced westward blockage and increased QRM from a pesky LORAN station at Trepassey. Besides Neil Kazaross and Jean Burnell, Richard Eckman and Karl Zuk had initially indicated interest in joining the DXpedition, but family and work situations made them cancel out shortly before the scheduled date.

Day 1: Thursday - 7 NOV 1991

Neil arrived in St. John's in the early afternoon, met Jean Burnell, and was driven out to a DX site near the lighthouse in Renewes, NF about 5 miles from the Lawlor's (bed and breakfast) Hospitality Home in Cappahayden: the lodging place that became the DX Inn. Neil and Jean quickly set up a 1275-ft. Beverage at the Renewes site; the wire was oriented at a bearing of about 110 degrees to provide good coverage of most of Africa and southern Europe. My mini-DXpedition to Rockport, MA a one-month solar cycle earlier pointed strongly to the fact that conditions were going to be auroral: Africans, South Americans, and Caribbean stations had predominated at that time. Predictions turned out to be quite true: well before sunset on the 7th, Neil and Jean were logging Africans from the Renewes site at a fast and

furious pace on Neil's Icom R70 and Jean's Icom R71A running on car battery power.

I arrived in St. John's around sundown. When I got my rental car at the airport, I immediately checked the car radio and found Guinea-1404 loud and clear on both 1400 and 1410 on its DXer-unfriendly 10-kHz channelized dial. It took little time to find other signals such as Mauritania-1349 and Canaries-1008. Conditions were decidedly good to Africa, Spain, and Portugal (but poor to northern Europe). I drove out to the DX Inn in Cappahayden and arrived at about 7 PM NST (2230 GMT). After a quick unpacking, I set up the Sony ICF-2010 and my homebrew RTL-1 loop in the room. The TA's I was getting "knocked my socks off"! Generally TA's were louder than any domestics except Marystown on 740 and St. John's on 590, 640, 800, and 930. The only US stations heard were from Boston and New York City!

After about an hour of this, I drove out to the Renewes site to rendezvous with Neil and Jean. I had been impressed with what I was getting at the inn with the loop, but the stuff they were getting on the Beverage put that in the dust! All kinds of Africans were blasting in, as the logs to follow will indicate. As it was now well after dark, Brazilians were starting to show, especially the big guns in the northeast corner from cities such as Fortaleza and Natal. But the Brazilians heard that night were just a mere foretaste of what we'd be getting the next night. By about midnight local, things started winding down on the Africa route and we all knew that there'd be a lot of antenna work to do the next day so we retired to the DX Inn to review the loggings and turn in for the typical 4 to 6 hours of sleep.

Day 2: Friday - 8 NOV 1991

Morning came with temperatures a bit above freezing, a heavy overcast, and occasional drizzle. An agenda was laid out: find somewhere to eat, discuss DX strategy, string out a "monster" Brazilian Beverage (of about 3000 ft. at about 160 degrees) at a field along the shore at the DX Inn, run a 400-footer for Europe at the Inn, add a second Beverage (about 1000 ft. at 130 degrees - pointed closer to the "gap" between Africa and Brazil) at the Renewes site, and see what the limits of daytime groundwave reception were. The only eating place was a Mom and Pop operation over in Fermeuse. It was not "haute cuisine" but it filled the bill. The three of us were the only customers each time we went there. The economy of this fishing area is not healthy these days. Over our meal that day (we only ate one real meal a day), we went over strategy and Neil distributed an African "hit list" to use that afternoon. The antennas were deployed as planned; in some cases we used Neil's method of terminating by using a 560-ohm resistor followed by 250 ft. more wire instead of the customary ground rods. Groundwave scanning around noon was interesting indeed: the TA groundwave DOES EXIST!! Good audio was had from Azores on 693 and numerous BFO-detectable carriers were heard around midday; these included Morocco-1044, Portugal-1035, and something on

828.

Going the other way, WHDH-850 had good groundwave from Boston (it was the strongest US station); other US stations heard were WBZ-1030 (MA), WSSH-1510 (MA), and WCBS-880 (NY). The farthest Canadian heard on groundwave was a weak CBF-690 from Montreal. Weak-signal daytime reception was somewhat hampered, especially at the DX Inn site in Cappahayden, by actually-radiated (not receiver-generated) spurs from the LORAN station in Trepassey. These "tick-tick-ticks" chewed up things a bit on the low end of the dial. My attempt at Bermuda-1160 groundwave produced two (co-channel) weak carriers with a 2 Hz beat (SAH); these were probably Bermuda and Maine, but there wasn't enough audio to tell.

In the early evening, we all DX'ed at the Renewes site. It "hummed" for Africans with Central African Republic - 1440 in at 2000 GMT along with many others as noted in the logs. The 130-degree Beverage proved useful as the evening wore on, reeling in Radio Carve (Uruguay) - 850, Argentina-870, and numerous Brazilians around 2300 GMT. Deep Africans were sometimes better on that wire too, as it nulled strong Spain and Portugal QRM better than the 110-degree Beverage did. The native music coming out of some of the African stations was so good that I was tempted to party to the tunes instead of DXing, but I managed to resist the temptation most of the time and press on with the quest for new catches.

By around 9 PM NST (0030 GMT), the Renewes site was getting less productive to Africa, so we went back to Cappahayden to concentrate on South America. It was determined that the DX Inn 3000-ft. Beverage would have to be run to a car because a noise source not noted previously had cropped up in the electrical wiring of the inn. Even with the Beverage, the noise inside the rooms where we'd hoped to set up a warm well-lighted operating position was excessive, so we parked about 100 feet away from the building. A trend was emerging: we were spotting many Brazilians on channels above 1220 kHz that, according to WRTH data, are "graveyarders" running 250 watts night power!

The excitement of hearing 250-watt Brazilians on channels like 1560 and 1590 got to be contagious; we all dug into this effort well into the wee hours of the next morning. In the midst of this bacchanal of Brazilians, Karl Zuk called us from New York to find out how things were going. Outside the inn, in the night air that was now well below freezing, we all took turns on the innkeeper family's cordless phone describing the DX feast we'd all been enjoying. Karl said that it was indeed quite auroral and that Venezuelans and Colombians were much in evidence at his QTH. [News reports heard a few days later indicated that, had it not been cloudy that night, we would have had a great view of the Northern Lights.]

Day 3: Saturday - 9 NOV 1991

A sizable collection of taped ID's had been amassed from the Brazilian graveyarders. We took a quick break to analyze them. We sometimes found that Brazilian Indian names like "Piracuruca" were hard to tell apart after being shoved through a reverb unit, a 250-watt transmitter, and across 3000+ miles of ocean with more than a few

thunderstorms somewhere in between.

After the sometimes-fun, sometimes-frustrating ID attempts, we went out to dig for more. Just before local dawn that Saturday, our attention turned from Brazil to the Caribbean and to other South Americans. French Guiana-1070 and Guyana-760 were coming in just fine. Most of the Islands broadcasters were logged, including an astoundingly local-like St. Lucia on 660 at their sign-on. The clouds broke a bit at dawn and the sunrise was accompanied by an inrush of Jamaican, Cuban, and USA (still just Boston and NYC, however) stations that had been heretofore blanketed by Brazil and Venezuela. With my head spinning in amazement from the non-stop loggings of the last 18 hours, I (and the rest of the crew) called it off for a quick 5-hour snooze. As I nodded off around 8 AM NST, crazy echoey ID's reverberated through my brain that had been "zorched" by a combination of excitement and lack of sleep. It reminded me of when I had operated ham radio events of comparably high intensity: ARRL DX Contests, Sweepstakes, and Field Day. Also I was reminded of the fanatical round-the-clock computer programmers in Steven Levy's book, "Hackers".

The last night was a bit more relaxed. A plan evolved to split up to DX from both sites simultaneously from just before sunset through the early evening. Neil manned the BrazilBev at the inn while Jean and I were running Africans from the two-Beverage site in Renewes. Jean and I were waiting on Africans: Lesotho - 1197 (a new BBC African relay station), logged at 1955 Z, was a prize catch because it was the most distant station heard (at approximately 7265 miles / 11692 km). This is farther away than most of China, Japan, Tibet, and India! Neil was simultaneously racking up many Brazilians and more than a few Africans on the 3000-footer in Cappahayden.

The 400 ft. European wire at that site saw little use: a deep aurora was in progress, so many Europeans were poorer than they sometimes are noted in the Boston area, more than 700 miles farther away. Thoughts of logging India, Iraq, and Iceland were shelved: even the usual Norway-1314 megablaster was scarcely noticed. Conditions improved slightly towards Europe at the end but still the only really consistent Middle East signal was from the Saudi on 1521, a station that comes close to having worldwide medium-wave coverage, at least for DXers.

After a while, Jean and I left Renewes and joined Neil back at the DX Inn. The BrazilBev at the inn netted a few new ones, but static from tropical thunderstorms had gotten worse. We took a break, listened to tapes, and had a few beers for the first time on this trip. Up to this point we had all been in "hyperdrive" and hadn't drunk anything stronger than tea. It was good to unwind. My flight out the next day was early, so I headed to bed around local midnight. Neil and Jean went out to the car and logged a few more Brazilians on the 3000-ft. BrazilBev, but soon gave up: static had gotten much worse.

Day 4: Sunday - 10 NOV 1991

Around 5:30 AM NST, I said my goodbyes and drove to St. John's to get my flight to Boston via Halifax. Neil and Jean took down the Beverages before Neil had to get to his flight late that morning.

The Newfoundland DXpedition Logbook

DXers: Dr. Jean Burnell (of St. John's, NF), Mark Connelly (of Billerica, MA), Neil Kazaross (of Mill Valley, CA)

Main Receivers: Icom R70, Icom R71A Back-up / Parallel-Check Receiver: Sony ICF-2010

Antennas: <C> = Cappahayden, NF (DX Inn): 3000 ft. (914m.) Beverage at 160 degrees (Brazil); 400 ft. (122m.) at 70 degrees (Europe)

<CL> = Cappahayden, NF (DX Inn): RTL-1 Loop w/ MWT-2 Option 5

<R> = Renewals, NF (near lighthouse): 1275 ft. (389m.) Beverage at 110 degrees (North/East Africa, Iberian peninsula); 1000 ft. (305m.) Beverage at 130 degrees (South/West Africa, eastern tip of Brazil)

Accessories: phasing units (MWDX-3, MWDX-5); MWT-2 regenerative tuner-preamplifier

Days listed are NOV 1991 - Times are GMT/UTC.

Trans-Atlantic DX from the Newfoundland DXpedition / NOV 1991

Freq. Day Time Location program details

531 07 2334 SPAIN - good w/ SS talk by m&f, R. Nacional España ID, o/ other (prob. Algeria) <CL>
 549 07 2336 ALGERIA Les Trembles - f AA vocal - XLNT <CL>
 558 07 2336 unID - carrier in NF-560 slop <CL>
 567 07 2336 unID - carrier in NF-560 slop <CL>
 576 07 2337 SPAIN Tarragona - SS m talk // 585, fair <CL>
 585 07 2337 SPAIN Madrid - good w/ SS m // 576
 594 07 2340 PORTUGAL Muge - cl. mx (R. Renascenca // 963) poor, in VOXM-590 slop <CL>
 603 07 2342 SPAIN Sevilla - fast SS talk <CL>
 603 08 0234 SPAIN Sevilla - XLNT w/ SS talk <R>
 612 07 2344 MOROCCO Sebaa Aioun - AA m chant, LIKE A LOCAL <CL>
 621 07 2345 CANARY ISLANDS Santa Cruz - SS m, o/ fast SAH <CL>
 630 07 2349 PORTUGAL Santa Isabel - jazz // 666, in jumble w/ CFCY <CL>
 639 07 2346 SPAIN La Coruna et al - SS m&f in CBN-640 slop. <CL>
 648 07 2347 LIBYA Tobruk (t) - dominant w/ AA chanting <CL>
 656 09 2033 unID - interesting old-plan channel carrier, possible snatches of audio <R>
 657 07 2348 MOROCCO (t) - AA f vocal, o/ unID <CL>
 657 08 2114 unID (NIGERIA or SOUTH AFRICA) - southern African language noted poor; Spain phased <R>
 657 09 2022 SPAIN Madrid - RNE R. 5 - good w/SS 'futbol' <R>
 666 07 2349 PORTUGAL Lisboa - jazz & blues // 630; good o/ unID <CL>
 666 08 0213 ALGERIA Tindouf fair atop SAH from normal-dominant Portugal w/AA // 549 etc. <R>
 675 07 2352 FRANCE Marseille - US pop mx // 1071 <CL>
 684 07 2353 SPAIN Sevilla - m SS teletalk - LIKE A LOCAL <CL>
 684 08 0208 SPAIN Sevilla - SS // 702, 720, 747 <R>
 693 07 2357 AZORES/unID- Santa Barbara, Terceira w/ PP talk o/AA <CL>
 693 09 1400+ AZORES Terceira groundwave noted consistently when checked 1400-1600 Z on loop w/ICF-2010 rx. from room in Cappahayden. Weak (QRM'ed by Trepassey LORAN harmonics) on Bev in Renewals at 1658 Z on 09 NOV: m PP talk. Audible anytime when checked - TA groundwave (!!) 10 kW at >1200 miles. Massive at night. Other TA sig's noted noon/early afternoon: 774, 819, 828, 836, 837, 1035, 1044, 1053, 1566 <CL>
 702 07 2355 MOROCCO Sebaa Aioun - a cappella AA chant // 612 <CL>
 702 08 0208 SPAIN Zamora - SS // 684, 720, 747 <R>
 711 07 2358 MOROCCO Laayoune - AA m all excited about something - shouting, bits of interspersed violin, het from CKVQ-710 <CL>
 720 08 0003 PORTUGAL/CANARY ISLANDS/CANADA - PP talk mixed w/ SS talk & CHTN. <CL>
 720 08 0208 CANARY ISLANDS - SS // 684, 702, 747 <R>
 729 08 0005 SPAIN synchros. - SS o/ others <CL>
 746 08 0205 unID (Kenya?) - het against 747 <R>
 747 08 0007 CANARY ISLANDS Las Palmas - SS m&f, then opera <CL>
 747 08 0208 CANARY ISLANDS Las Palmas - SS // 684, 702, 720 <R>
 747 08 2305 CANARY ISLANDS - SS talk <R>
 747 09 2024 CANARY ISLANDS/SPAIN - RNE R. 5 Las Palmas & Cadiz; fair (in QRM) w/ SS 'futbol' // 657 <R>
 747 09 2027 BURKINA FASO Ouagadougou - RTV Burkina: African drums & flute mx, poor u/ RNE but definitely // 4815 <R>
 756 08 0007 unID - carrier jumble <CL>
 765 08 0008 SENEGAL Dakar - Afro vernacular talk; LOUD <CL>
 774 08 0009 SPAIN synchros. - f SS talk, soft guitar mx; LOUD <CL>
 774 09 2031 SPAIN - RNE R. 1 synchros, m SS talk fair. Had echo sound typical of many Spanish synchros. <R>

774 09 2033 MOROCCO Agadir - RTM (C) poor to fair w/AA-based f talk (pres. Berber), then AA mx; // 702. <R>
 782 09 2037 unID - het, probably Lichinga, Mozambique <R>
 783 08 0010 PORTUGAL Miramar (t) - OC <CL>
 783 09 2037 PORTUGAL Miramar - f PP talk, then rock mx; poor <R>
 792 08 0012 SPAIN - SS rock, SS m talk <CL>
 792 09 1923 SPAIN - fair w/ SS 'futbol' event // 900, 1584, others <C>
 801 08 0013 unID - het against VOWR-800 <CL>
 801 08 0416 SPAIN Lugo et al - good w/ SS pgm // 855 <R>
 810 07 2148 SPAIN/BRAZIL - Spain SS pgm o/ Fortaleza, Brazil PP. <R>
 818 07 2147 ZAMBIA Lusaka - good to very good w/ African mx // 4920. This explains 818 hets frequently noted at New England beach DX sites. <R>
 818 09 2040 unID African - weak African mx w/ lots of drums, choir at 2045 Z, m said a couple of words in unID lang., QRM from Rabat, Morocco - 819. <R>
 819 08 0014 MOROCCO Rabat - f AA vocal, het fr. unID-818.8 <CL>
 819 08 0248 EGYPT Batra w/ AA chant u/Morocco AA talk <R>
 828 07 2116 PORTUGAL - PP talk // other net stn's <R>
 828 08 0015 PORTUGAL Santa Isabel - PP talk, fair o/ mess <CL>
 828 08 0420 LIBYA Sebha - Koran recitation // 1053, 1251 <R>
 836 08 0016 AZORES Barossa - station noted by Burnell (@ St. John's, NF) & Connelly (@ Rockport, MA) on 837 recently has moved back to 836. <CL>
 836 08 0243 AZORES Barossa - PP // 693; QRM'ed by Canaries-837 <R>
 837 08 0016 CANARY ISLANDS/SPAIN - SS m talk w/ echo due to (presumed) satellite delay on feed <CL>
 837 08 0242 SPAIN Sevilla et al - SS under // Canaries stn <R>
 846 08 0017 ITALY Rome - fair to good w/ II vocal <CL>
 855 08 0023 SPAIN Murcia - m&f in SS, somewhat muffled <CL> 872 07 2135 MOZAMBIQUE Beira - noted here w/m PP talk then light (calypso-like) African inst. mx. Taped. Fair w/ some 873 Spain QRM. Pgm. similar to that heard on SW and like 872 heard weakly by Kaz from ME in the past. <R>
 882 07 2112 CANARY ISLANDS - R. Popular de Tenerife ID, XLNT <R>
 882 08 2244 CANARY ISLANDS - f SS talk <R>
 891 ALGERIA Algiers often good w/ AA <R>
 900 09 1923 SPAIN - fair w/ SS 'futbol' event // many others. <C> 900 09 1930 ITALY Milan - II pgm showed up to QRM Spain. <C>
 909 07 2058 NIGERIA Abuja - in & out w/ QRM from England, Spain, & possibly another African stn. African mx, then talk in an African lang., & some Afro-accented EE announcements. S/off at 2202 w/ same dedication & anthem heard on other Nigerian stn's. <R>
 909 08 2049 BALEARIC ISLANDS - SS f (R. 5 Mallorca) // 1107 <R>
 909 08 2201 NIGERIA Abuja - anthem, then s/off; GOOD! Taped. <R>
 909 09 2050 unID (prob. Nigeria) - Afro. mx; RNE phased <R>
 909.8 09 2051 GAMBIA - R. Syd noted from 2051-2102 Z; tough to copy. M announcer in unID lang., reggae mx, talk at 2056-2058 w/ 3 or more Gambia mentions, more reggae, drums at 2100, then possible news. <R>
 918 07 2248 NIGERIA Ikeja or Makurdi - o/unID AA stn. Afro-EE song mentioning Nigeria. <R>
 918 07 2300 SPAIN/NIGERIA - R. Internacional in Madrid w/ SS; atop Nigerian. <R>
 918 08 2157 SPAIN Madrid - m SS talk, o/ others <R>
 936 08 2156 MOROCCO Agadir - poor w/AA m vocal <R>
 945 07 2109 ANGOLA (t) - PP talk o/France - fair to good. African mx noted later. Was NOT // 1088. <R>
 945 07 2205 FRANCE - SS talk. <R>
 954 08 2149 SPAIN Madrid - SS talk <R>
 963 08 0253 PORTUGAL Seixal - PP religion // 594 <R>
 963 08 2134 PORTUGAL Seixal - soft PP vocal <R>
 972 08 0400 SPAIN Monforte de Lemos - (listed 2kW) - weak in NF-970 slop; SS // 855 <R>
 981 08 2033 ALGERIA/PORTUGAL - m AA talk way o/ PP f talk <R>
 981 08 2133 ALGERIA Algiers - AA vocal LOUD <R>
 990 07 2100 SPAIN / unID Africans - 2 Africans noted here mixed w/ Spain. One had Afro-AA language and the other a more "traditional" African language. Perhaps Nigerians and/or Gabon (not noted on 989). <R>
 990 08 2130 SPAIN/others - pips, R. Cadena SER ID atop a melange including AA (unID), EE (CBY), and a Brazilian in PP. <R>
 990 09 2103 SPANISH MOROCCO/SPAIN - R. Ceuta & R. Bilbao. Running // SER talk; then separate ad strings (QRMin)g each other; both at similar strength on 130 deg. Bev). <R>
 999 08 2128 MOROCCO Ad-Dakhla - AA talk <R>
 999 08 2249 MOROCCO Ad-Dakhla very good w/ AA // 1044 <R>
 999 09 1926 MOROCCO Ad-Dakhla - m AA talk o/ Spain; fair <R>
 1008 08 0356 CANARY ISLANDS/SPAIN - Las Palmas absolutely LOCAL-LIKE; way o/ SER Spaniard who was // 1584 <R>
 1008 08 2127 CANARY ISLANDS Las Palmas - m&f SS talk; LOCAL-LIKE <R>
 1008 09 2011 CANARY ISLANDS/SPAIN - Las Palmas & Vigo - SS 'futbol', SER net <R>
 1017 08 0352 SPAIN (RNE5) good w/ SS // 1107 <R>
 1026 08 1910 MOROCCO Rabat - This 1kW'er noted w/ mx // 1188, 1197, 1325. Was w/ Spain. <R>

1026 08 2127 SPAIN Reus et al - SS talk, good <R>
 1035 08 2123 PORTUGAL Lisboa - f PP talk, o/ low-pitched het <R>
 1044 08 0418 SPAIN San Sebastian fair w/ SS; Morocco off <R>
 1044 08 2249 MOROCCO Sebba Aioun LIKE LOCAL w/ AA // 999 <R>
 1044 09 1708 MOROCCO Sebba Aioun poor on groundwave (or groundwave w/ residual winter-type day skip) at 1:38 PM, local time! AA mx discernable. Stn is local-like nights.<R>
 1053 08 0339 SPAIN - SS good w/ Morocco off at the time <R>
 1053 08 0420 LIBYA Tripoli - Koran recitation // 828, 1251 <R>
 1062 PORTUGAL - often good here <R>
 1071 07 2352 FRANCE Lille - US pop mx // 675 <CL>
 1080 07 2235 MOROCCO Casablanca good w/ AA chants // 1044 & 1053. Xlnt also around 2330, burying SER Net Spaniards. This would be a good coastal New England target at sunset w/ WTIC phased. <R>
 1080 08 2251 MOROCCO/BRAZIL - Casablanca (1 kW !) dominant w/ AA mx // 1044, atop PP talk. Heard on 110 deg. Beverage near Renew's lighthouse. <R>
 1088 07 2110 ANGOLA Luanda poor w/ mx. <R>
 1088 07 2355 ANGOLA Luanda - good // 1367. Mx, then PP talk. <R>
 1106 09 1952 unID - probably an African, but not // 4795 (Douala)<R>
 1107 08 0352 SPAIN - SS XLNT w/ SS // 1017 et al <R>
 1107 09 1945 SPAIN - RNE R. 5 synchros - solid w/ SS 'futbol' <R>
 1115 07 2210 ANGOLA M'Banza-Kongo fair to good w/ little Spain-1116 QRM. PP talk - possible sporting event - w/ two mentions of R. Nacional de Angola. <R>
 1116 08 0045 SPAIN - R. Pontevedra mention by SS f announcer <R>
 1116 09 1941 SPAIN - R. Pontevedra - SER net w/Real Madrid 'futbol'<R>
 1125 08 2201 unID (NIGER ?) - anthem, s/off o/u Spain. <R>
 1125 09 1935 NIGER (t) - Niamey strongly suspected here, good w/ primitive African mx <R>
 1125 09 2156 NIGER (t) - fair w/ Afro mx o/u RNE; no announcements at 2200. SW 5020 kHz not audible for determining // <R>
 1134 SPAIN - commonly heard <R>
 1152 07 2127 CAMEROON Bamenda - very good (way o/ Spain) - Afro mx., then Bamenda clearly mentioned in Afro lang. <R>
 1152 09 0008 SPAIN - SS talk <R>
 1160 07 2126 unID (BRAZIL or ANGOLA) - PP noted w/ 1161 het notched; poor in QRN. <R>
 1161 08 2042 FRANCE/unID - m&f in FF o/ cl. vocal - opera <R>
 1169 07 2224 unID het, likely of African origin. <R>
 1170 07 2120 unID (PORTUGAL?) - instrumental jazz, very good. <R>
 1170 08 0403 PORTUGAL Vila Real - fair w/ R. Comercial ID // 1062. <R>
 1170 07 2225 NIGERIA Abeokuta had Afro-accented EE talk w/ Nigeria mentions. It was way of a classical mx stn. that was likely USSR. Taped s/off 2300-2302 w/ dedication "God Bless Nigeria, My Country" - XLNT!! <R>
 1170 07 2300 NIGERIA Abeokuta - XLNT: s/off taped <R>
 1170 08 2005 NIGERIA Abeokuta - African vernacular talk <R>
 1170 08 2047 NIGERIA Abeokuta - African-accented EE talk, hymn <R>
 1178.9 09 0006 SPAIN - m SS talk, good <R>
 1179 08 2039 SPAIN synchros. - m SS talk; good <R>
 1188 08 2305 MOROCCO Casablanca - 1kW stn noted very good w/ FF news // huge signals on 1197 & 1325. <R>
 1188 09 1947 ANGOLA - E. P. do Malanje - fair w/ m PP talk. <R>
 1188 09 2202 ANGOLA - f PP talk, jingles & slogans, "La Bamba", then calypso mx. <R>
 1197 08 2032 MOROCCO/PORTUGAL - Agadir w/ FF, o/ PP f talk <R>
 1197 09 1956 MOROCCO Agadir - RTM (B) - "My Way" mx, ID, news in FF at 2000. <R>
 1197 09 1955 LESOTHO - BBC relay - EE language course to 1959 Z then ID sequence w/ "This is London", "Lilybolero" theme mx, pips, and "BBC World Service" ID at 2000. News followed. Poor to fair through RTM Morocco QRM. <R>
 1206 08 1904 FRANCE Bordeaux - rock mx // 1557 <R>
 1206 08 2031 FRANCE Bordeaux - rock mx // 1242 <R>
 1208.5 07 2228 LIBYA (t) - OC <R>
 1215 08 2028 CANARY ISLANDS - SS talk <R>
 1222.4 07 2237 SENEGAL Ziguinchor (t) - African talk / chant <R>
 1222.4 08 2204 SENEGAL Ziguinchor - FF talk XLNT. Noted often at other times w/ AA & vernacular blend a la 765. Previously heard in Maine by Neil Kazaross (Kaz). <R>
 1224 08 2026 SPAIN synchros. - 3 separate SS audios here ! <R>
 1232 08 2142 ANGOLA Lubango - PP talk poor w/ Morocco (?) - 1233 het. Not // 1313. NF semi-local on 1230 phased. <R>
 1232 09 2032 unID - maybe Angola - het against 1233 <C>
 1233 08 0341 MOROCCO Tanger - AA chanting // 207 <R>
 1242 08 2025 FRANCE Marseille - rock mx // 1206 <R>
 1251 08 0420 LIBYA Tripoli - Koran recitation // 828, 1053 <R>
 1251 08 2024 LIBYA/PORTUGAL - news in AA way of f PP operatic vocal & m PP talk <R>
 1251 07 2240 PORTUGAL - PP pgm atop Libya <R>
 1259 07 2230 AZORES Horta - XLNT w/ little 1260 QRM. Was // 693 w/ mellow PP mx. <R>
 1259 08 0022 AZORES Horta - PP talk (note: old-plan freq.) <CL>
 1259 08 2019 AZORES Horta - pop mx <R>

1259 09 2212 AZORES Horta - PP talk // 693; good. <R>
 1260 08 0021 SPAIN Valencia et al (SER) - SS talk o' WEEZE; nasty het Azores-1259 <CL>
 1260 08 2018 SPAIN synchros. - f SS talk: SER net // 1584 <R>
 1269 08 1945 CANARY ISLANDS Las Palmas very good w/ R. Ecce ID, SS talk, then Muzak. <R>
 1269 08 2018 CANARY ISLANDS Las Palmas - "Cadema COPE" net. ID, SS talk <R>
 1286 08 2052 CAMEROON Yaounde - African mx, AA-sounding talk <R>
 1286 08 2232 CAMEROON (t) - AA-sounding talk <R>
 1286 08 2359 CAMEROON Yaounde (t) - talk, anthem, s/off <R>
 1286 09 2015 unID - f talk in AA-based lang., fair to good. Was not // 4850 (Yaounde). <R>
 1287 08 2015 SENEGAL Kaolack (t) - AA vocal, flute mx - not // 891, so prob. not Algeria <R>
 1295 09 2032 unID carrier - prob. Angola (1313 loud at the time) <C>
 1296 08 0332 SUDAN (t) - Rebba assumed to be the AA commonly heard here way o/Spain. AA news 0332-0336 Z. <R>
 1296 08 2013 SUDAN (t) - wild AA mx (violins, flutes, etc.) o/u Spain. Per European info, Sudan's 1500kW is back on. <R>
 1296 08 2027 SUDAN Sennar - AA talk LOUD <R>
 1296 08 2013 SPAIN/SUDAN/unID - SS & 2 AA's <R>
 1305 08 2012 SPAIN - SS operatic f vocal // 1314 <R>
 1305 08 2330 unID (Senegal?) African-accented FF talk <R>
 1313 08 2037 ANGOLA Lubango - PP talk <R>
 1313 08 2104 ANGOLA Lubango - lively African mx, PP talk very good. Angola & Huila mentions, TC at 2130. At times this destroyed Spain-1314. <R>
 1313 09 1933 ANGOLA - E. P. do Huila - PP talk by 2 men, weak to fair. XLNT by 2024. <R>
 1313 09 2121 ANGOLA - very strong w/ PP teletalk, then mx <R>
 1314 08 2012 SPAIN synchros. - SS operatic f vocal // 1305 <R>
 1325 07 2040 MOROCCO Safi - classical mx. - XLNT <R>
 1325 08 2010 MOROCCO Safi - FF talk <R>
 1331 09 2038 unID carrier - prob. Angola on old-plan freq. <C>
 1332 08 2008 PORTUGAL Elvas - PP talk <R>
 1335.7 09 2226 SENEGAL Dakar - Huge signal at times, mostly in AA or vernacular but w/ news in Afro-accented FF that mentioned "Senegalaise". Not // 765. Went off after 0000 Z. Likely former 1304/1305 heard by Kaz from Ogunquit, ME; Connely from West Yarmouth, MA; et al. <R>
 1335.8 07 2030 SENEGAL Dakar - Afro-AA vernacular talk very good. Went off after 0000 Z. <R>
 1335.9 08 2006 SENEGAL (t) - poor w/ AA <R>
 1335.9 08 2135 SENEGAL (t) - AA or dialect talk, Koranic chant <R>
 1341 08 1936 CANARY ISLANDS Santa Cruz - SS talk <R>
 1349 08 2005 MAURITANIA Nouakchott - string mx, chant - XLNT <R>
 1355 07 2017 SPANISH SAHARA (MOROCCO) - [area of southern Morocco, Ifni, etc.] - huge signal at times w/ mostly AA, some SS & Afro-AA vernaculars. Often jammed by buzzing sound but little jamming when noted on 9 NOV. Best signal (/ less jamming) prior to NF sunset. This is likely an unlicensed station in the disputed Spanish Sahara area that EBU lists as "AOE". <R>
 1355 08 2004 unID - AA talk <R>
 1359 08 0313 MELILLA - SS pgm // Spain RNE outlets <R>
 1359 08 2002 MELILLA - m&f SS talk
 1367 07 2355 ANGOLA Luanda - good // 1088. Mx, then PP announcer. 945 (944) not heard at the time. <R>
 1377 08 0325 PORTUGAL Canidelo - huge signal w/ PP <R>
 1377 08 1950 FRANCE Lille - FF talk in St. Pierre - 1375 pest slop <R>
 1386 08 0010 USSR Kaliningrad fair to good w/ m RR talk. One of the few inland northern TA's noted during semi-AUCX. <R>
 1386 09 1922 GUINEA Labe - highlife mx, m FF talk; good <R>
 1394 09 2005 TOGO Lama Kara fair to good w/FF // 5047. Some Spain- 1395 QRM; no sign of listed Azores stn (likely off). <C>
 1395 08 1949 SPAIN Alicante et al - up-tempo female vocal, LOUD <R>
 1395 09 2250 NIGERIA Uyo - to good peak w/ Afro-EE talk about construction in Africa. <C>
 1404 08 1948 GUINEA Conakry - AA-like string mx, o/ unID SS <R>
 1404 09 2215 GUINEA Conakry - two m in Afro-FF; good o/ weak unID stn <R>
 1413 08 1947 SPAIN synchros. - SS talk, Radio Nacional ID <R>
 1413 09 1925 SPAIN - RNE R. 5 synchros - SS 'futbol', fair <R>
 1422 08 0323 ALGERIA Algiers - AA // others <R>
 1422 08 1854 ALGERIA Algiers - FF, good <R>
 1422 08 1940 unID (GERMANY or ALGERIA) - rock mx <R>
 1440 08 1920 LUXEMBOURG Marnach - EE rock show <R>
 1440 08 1925 SAUDI ARABIA Damman - Atop Luxembourg w/ AA // 1521. <R>
 1440 08 2000 CENTRAL AFRICAN REPUBLIC Bangui - African mx // 5034.3; battling w/ Luxembourg & apparent SS stn. <R>
 1458 08 1919 SPAIN - graveyard-like pile of SS audios <R>
 1458.2 09 2223 unID - poor w/ pop mx, m&f FF talk, mx, more chat <R>
 1467 09 2252 FRANCE Roumoules - story-reading by f in EE. What is remarkable is that there was an unID stn far underneath w/ rock mx. (Who ?) <R>
 1475 08 1917 BENIN Cotonou - Afro-FF talk // 4870 SW <R>

1484.9 08 1916 SPAIN - fast SS talk <R>
 1485 08 0307 ASCENSION ISLAND - BBC WS relay // 198 kHz noted generally w/Spain. <R>
 1485 08 2325 ASCENSION ISLAND English Bay - 500 watts (!) BBC relay (EE // 6175) well over Spain. Much better on 130-deg. Beverage than on the 110-deg. Beverage. Very good by 2344 w/ BBC WS ID. This is worth a try from coastal New England during AUCX. <R>
 1492.7 08 1913 IVORY COAST Abidjan - flute mx; XLNT of 1494 het <R>
 1493 07 2028 IVORY COAST Abidjan - very good w/ African mx. <R>
 1493 09 0845 IVORY COAST Abidjan still in well w/ African mx & FF talk an incredible 2.5 hours after their local sunrise! Finally gone by 0900. They seem to leave OC on all night & were very easy here, often crushing 1494. <C>
 1502 09 2135 ANGOLA - E. P. do Benguela - PP ballad, m PP talk, TC at 2143, song about Angola at 2145! Second carrier here also (suspected Togo, but no audio to compare w/ 3222). <R>
 1502.4 09 2054 ANGOLA here w/ PP; Togo not noted at this time. <C> 1503 07 1958 AZORES Lajes Field - Armed Forces R. xInt & alone at times. Generally o/u Spain & 1502 Afro het. Good w/ US mx & ID "AFR - We do it all for you." Four-digit base phone #'s announced in ads. Mentioned 96.1 FM. Listed as only 100 watts (& was considerably weaker than 10kW 1566), but still may be higher power. This might be logged in US at sunset or after 0800 GMT when Spain fades. <R>
 1503 08 0155 AZORES Lajes - AFR taped w/ ad for municipal bonds; very good (way of Spain) <R>
 1503 08 1850 AZORES Lajes - AFR taped w/ID, base 4-digit phone #'s <R>
 1503 08 1910 AZORES Lajes - AFRTS w/ US program, good! Liste as 100 watts ! <R>
 1503 08 2302 AZORES Lajes LOUD w/ "96.1 FM" ID, AP net news <R>
 1521 08 0112 SPAIN - SS // 1116 <R>
 1521 08 1908 SAUDI ARABIA Doha - AA; LIKE A LOCAL <R>
 1530 07 2010 MADEIRA ISLANDS - dominant. Madeira-531 noted later. <R>
 1530 08 1907 MADEIRA ISLANDS Funchal - PP talk; good <R>
 1530 09 2220 VATICAN - II talk mixed w/ PP (Brazil or Madeira) <C>
 1538.8 08 1906 SPAIN - f SS talk, messy het <R>
 1548 08 0115 ENGLAND London - London mentions, mx = standards, TC <R>
 1548 09 0631 ENGLAND Bristol - XLNT w/ BBC R. Bristol ID & jingle <C>
 1554 07 2005 GABON - good w/ African talk. <R>
 1557 08 1904 FRANCE Nice - rock mx // 1206 <R>
 1566 08 1901 AZORES Vila de Porto - f PP talk (news); XLNT <R>
 1575 08 1901 SPAIN - m SS talk, good <R>
 1584 08 1900 SPAIN - pips, SS talk <R>
 1584 09 2149 SPAIN - SER synchros - US pop song, SS m talk; strong <R>
 1593 08 1858 GERMANY Langenberg - new age & light cl. mx, fair <R>
 1602 08 2330 ASCENSION ISLAND presumed - peaking o/ Spain w/ US Top 40 & oldies mx, then EE announcer who mentioned things that sounded like he was talking from a military base. God Save the Queen & the Star Spangled Banner at BBC relay on 1485 in very well at the time. <R>
 1602 09 0012 ASCENSION ISLAND - EE talk; back-to-back songs; taped <R>
 1602 07 2045 ASCENSION ISLAND/SPAIN - US rock mx o/u SS pgm. <R>
 1602 07 2140 unID - AA w/ Spain's SS. Noted other times on car radio (at Renews Harbour) battling WUNR-1600 QRM. <R>
 1602 08 1857 SPAIN - m in SS <R>
 535 09 0936 GRENADA St. George's - absolutely LOCAL-LIKE w/ Carib- EE religious pgm. w/ talk about Communism. <C>
 600 08 0239 BRAZIL - PP talk to fair peaks <R>
 610 09 0935 TRINIDAD Port of Spain VPL6 atop CKYQ w/ m&f in Carib-accented EE. <C>
 620 08 0233 BRAZIL - PP 'futebol' [soccer] w/ CKCM (NF) <R>
 620 09 0901 ANTIGUA St. John's very good w/ BBC news. (Brazil was here earlier.) <C>
 640 09 0512 GUADELOUPE Pointe a Pitre good w/ RFO FF news // French Guiana - 1070. Local CBN-640 was off at the time. <C>
 640 10 0815 BRAZIL/VENEZUELA/CANADA - PP talk mixed w/ SS talk; both way w/ CBN. <C>
 660 09 0930 ST. LUCIA Castries - LOCAL-LIKE w/ talk "Good morning, it's 5:30 on R. St. Lucia." Into C&W-flavored religious program. No trace of relay listed on 625; we believe that this has never been on. <C>
 680 08 0220 BRAZIL Sao Luis ZYH885 - XLNT at tune-in (whacking WRKO/CIYQ): easy-listening mx, faded to fair level w/ PP announcements including Maranhao & Sao Luis mentions. <R>
 680 09 0904 ARGENTINA Mendoza LV6 - a shocker at s/on after national anthem. GMT-3 TC, R. Nihuit ID - XLNT!! - taped. <C>
 690 08 0231 BRAZIL Fortaleza ZYH587 very good w/ PP mx, R. Dragao ID. <R>
 690 09 0516 BRAZIL - prob. Fortaleza - PP talk, very good <C>
 690 10 0408 BRAZIL Fortaleza ZYH587 - LOCAL-LIKE w/ PP religion; way o/ other Brazilian. <C>
 690 09 0938 ANGUILLA - The Valley - Carib. Beacon - EE religion XLNT - was not // 1610 <C>
 700 09 0517 BRAZIL (2 stations) - one had classical mx & PP ads for cl. mx; other had f PP talk. <C>
 700 09 1002 JAMAICA Montego Bay -- Huge signal during "Caribbean stampede": ID "This is JBC Radio 1", then list of freq's given. Was // 850. <C>
 705 08 2310 ST. VINCENT Kingstown - pop mx <R>

705 09 0931 ST. VINCENT Kingstown - s/on w/ choral national anthem, R. St. Vincent ID - HUGE SIGNAL <C>
 720 10 0026 unID - SS m on phone w/ f caller; possibly religious format; soon covered by Brazilian <C> 720 10 0029 BRAZIL - PP ads, TC at 0030, Brazilian ballad; o/ SS stn. and another PP stn. <C>
 730 09 0523 BRAZIL - f PP vocal; fair <C>
 730 09 0935 TRINIDAD Port of Spain - good w/ Carib EE religion <C>
 740 09 0526 BRAZIL prob. Salvador ZYH446 - PP romantic mx XLNT <C>
 750 08 2304 VENEZUELA Caracas - YVKS noted w/ SS talk, Caracas mentions <R>
 760 07 2145 BRAZIL - PP news <R>
 760 08 0228 BRAZIL Fortaleza - very good w/ PP Fortaleza mention <R>
 760 08 2302 GUYANA Georgetown - 8RG w/ local sporting news <R>
 780 09 0527 BRAZIL Recife ZY1771 - Jornal ID in PP, fair - taped. <C>
 810 09 0954 CUBA unlisted R. Reloj - good atop mess <C>
 810 10 0406 BRAZIL Fortaleza - prob. R. Verdes Mares strong w/ "Hotel California" then PP talk; o/ second Brazil. <C>
 820 09 0530 BRAZIL Vitoria ZY1232 fair w/ Gazeta ID, PP mx <C>
 840 09 1000 COLOMBIA - SS talk, call starting w/ HJ in ID: Most likely HJB1 Santa Marta, possibly HJKK Neiva <C> Pan-American DX from the Newfoundland DXpedition / NOV 1991 (continued) 850 08 2300 URUGUAY Montevideo - CX16 good w/ R. Carve ID: on 130 deg. Beverage that nulled WHDH. <R>
 850 09 1002 JAMAICA - JBC outlet // 700 poor, way behind WHDH. <C>
 850 10 0019 unID - m SS talk (horse racing results), slogan "La Primera Cadena"; good. Possible new R. Vision outlet in Maracay, Venezuela (listed in DSWCI June '91) <C>
 860 08 2255 BRAZIL Rio de Janeiro - ZYJ459 - LOUD w/ R. Mundial ID, PP talk & mx <R>
 860 09 0942 CUBA/VENEZUELA - R. Reloj outlet o/ YV stn that had ads w/ prices in bolivars. <C>
 860 09 0955 CUBA unlisted R. Progreso outlet noted w/ huge signal // 900 at s/on. <C>
 870 07 2140 BRAZIL - PP talk <R>
 870 08 2243 BRAZIL - PP talk <R>
 870 08 2253 ARGENTINA Buenos Aires - LRA1 good w/ R. Nacional Argentina ID <R>
 870 10 0819 ARGENTINA Buenos Aires - LRA1 R. Nacional good w/ SS talk about grain prices in Buenos Aires. <C>
 880 08 2252 BRAZIL Belo Horizonte - ZYH275 w/ R. Inconfidencia ID, good <R>
 880 09 0535 BRAZIL/VENEZUELA - PP atop SS stn <C>
 890 08 2242 BRAZIL - PP talk <R>
 895 08 2225 NEVIS - rock mx <R>
 900 08 2239 BARBADOS/BRAZIL - Bridgetown w/ Caribbean News Round-Up - XLNT - o/ PP talk <R>
 900 09 0955 CUBA R. Progreso outlet // 860. <C>
 950 08 2149 BRAZIL Belo Horizonte - ZYL212 w/ PP talk <R>
 950 08 2243 BRAZIL - PP talk <R>
 960 08 2245 BRAZIL - PP talk mixed w/ CHNS <R>
 960 09 0508 BRAZIL - PP talk w/ CHNS Halifax, NS <C>
 970 09 0540 VENEZUELA (city?) - SS net ID "R. Cadena Mundial" & "en Venezuela la radio es Mundial"; adult contemp. mx <C>
 980 09 0507 BRAZIL Brasilia ZYH707 - XLNT w/ PP news <C>
 990 09 0717 BRAZIL Rio de Janeiro ZYJ461 good w/ new R. Record slogan, nice PP mx. <C>
 990 09 2105 BRAZIL - presumed R. Record (ex Ipanema) - m PP talk mixed w/ CBY; SER Spaniards phased. <R>
 1000 09 0506 BRAZIL Sao Paulo ZYK522 - very good w/ PP talk <C>
 1010 09 0505 BRAZIL Fortaleza ZYH625 - PP; huge signal <C>
 1010 10 0810 BRAZIL Fortaleza ZYH625 - R. Jornal "o Povo" - lucky to land on freq. at moment of ID. Good signal. Frequently loud, almost always clobbering WINS. <C>
 1020 09 0851 VENEZUELA La Asuncion YVRS - XLNT w/ Mundial Margarita ID, just as monstrously loud as it is on Cape Cod <C>
 1030 08 0347 BRAZIL - PP talk o/u WBZ <R>
 1030 09 0545 unID - SS w/ el mx mix w/ WBZ & Brazil (prob. Argentina) <C>
 1030 10 0400 ARGENTINA Buenos Aires - LS10 R. del Plata good signal o/ WBZ (!) & Brazil: pgm. promo for next day w/ 6 pips at 0400; bit of talk, then "Radionoticias del Plata" news at 0401 and "Radiodeportes del Plata" sports at 0402. <C>
 1040 07 2310 BRAZIL - PP talk <R>
 1040 08 0345 BRAZIL - PP very good <R>
 1040 09 0435 BRAZIL Sao Paulo ZYK537 - XLNT w/ PP talk <C>
 1040 09 0552 BRAZIL Sao Paulo ZYK537: XLNT - mentioned Sao Paulo <C>
 1050 09 0551 BRAZIL - excited PP talk sandwiched betw. 1044 & 1053 <C>
 1060 09 0503 BRAZIL - PP talk <C>
 1060 09 0705 BRAZIL Mossoro ZYJ597 - taped w/ 2 good Tapuzo ID's, PP talk mentioning freq., power (5 kW), and QTH of Mossoro. <C>
 1070 09 0222 FRENCH GUIANA Cayenne very good w/ m FF talk. <C>
 1070 09 0501 FRENCH GUIANA Cayenne - huge signal (way o/ CBA) w/ news & wx. for France, GMT-1 (Paris time) TC. Was // 1090 Martinique at 0501; separated at 0512. Noted // 640 Guadeloupe at 0512. <C>
 1090 09 0219 BRAZIL - good w/ PP tal <C>

1090 09 0433 BRAZIL - PP talk <C>
 1090 09 0502 MARTINIQUE - FF talk; RFO net news //Fr. Guiana-1070 <C>
 1100 09 0437 BRAZIL Sao Paulo ZYK694 - XLNT w/ PP talk <C>
 1100 09 0901 ANTIGUA St. John's ZDK - LOCAL-LIKE w/Carib. EE s/on<C>
 1110 09 0655 BRAZIL Joao Pessoa ZY1786 taped well o/SS QRM w/ PP talk, ads, song at 0655. Tabajara ID's noted 0658-0701. This, like many ZY's, ID's without using "Radio" in their slogans & jingles. <C>
 1110 10 0248 BRAZIL (ZY1786?) - PP good <C>
 1110 10 0352 BRAZIL - excited m PP w/ promo or ad, name "Emilio Guarda" emerged from blob of signals briefly. <C>
 1120 10 0248 BRAZIL good w/PP talk. Also noted around 0329 Z. <C>
 1130 07 2341 BRAZIL - PP pgm in net // 1280 <R>
 1130 09 0440 BRAZIL Rio de Janeiro ZYJ460 great w/ PP "madrugada R. Nacional" mentions; atop other PP prob. Belem <C>
 1130 09 0853 BRAZIL Belem ZY1531 fair to good w/Marajoa de Belem ID in the clear after previous QRM (ZYJ460 Rio de Janeiro) faded due to Rio sunrise. WNEW didn't show until just before dawn at Cappahayden, NF Bev site. <C>
 1150 10 0347 BRAZIL Belo Horizonte ZYL283 - R. Globo faded up w/ ID & jingles, Brasopop mx, Mato Grosso mentioned; briefly good. <C>
 1160 08 0058 BRAZIL Vitoria ZYI202 fair w/ two Espirito Santo PP mentions. Often to very good strength. <R>
 1160 09 0947 BERMUDA Hamilton VSB3 - very good w/ sports from BBC cricket correspondent. <C>
 1170 08 0106 VENEZUELA - SS Venezuela mentions <R>
 1190 08 0009 BRAZIL - PP 'futebol' game; fair <R>
 1190 08 0120 BRAZIL - PP 'futebol' // 1280 <R>
 1200 08 2153 BRAZIL Fortaleza ZYH585 - weird PP vocal (almost African-sounding) - LOUD. "Pipeline" to eastern Brazil on 130 deg. Beverage near the Renew's lighthouse. Has been logged at W. Yarmouth, MA. <R>
 1200 09 2100 BRAZIL Fortaleza ZYH585 very good w/PP family pgm <C>
 1200 09 0646 VENEZUELA Caracas YVOZ noted behind massive Brazil (ZYH585) OC: SS opera / cl. mx, Radiotiempo ID. <C> 1210 08 0034 VENEZUELA Barcelona YVZT -R. Anzoategui ID, fair-good <R>
 1220 09 0003 BRAZIL Rio de Janeiro - ZYJ458 - LOUD w/PP talk, Globo ID. Logged in US (even in Hawaii) <R>
 1240 09 0445 BRAZIL - PP pop mx, nice <C>
 1240 09 2110 BRAZIL (city?) - PP 'futebol', mention of "A Voz do Brazil" (net ID?). Sao Paulo was one of the teams. <C>
 1260 09 0010 BRAZIL Sao Paulo ZYK688 - religious pgm. in PP-XLNT <R>
 1260 09 0330 BRAZIL Sao Paulo ZYK688 - good w/ local announcements & R. Mulher ID. <C> 1280 07 2332 BRAZIL - PP pgm in net // 1130 <R>
 1280 08 2218 BRAZIL Rio de Janeiro - m&f PP talk <R>
 1280 09 0555 BRAZIL Rio de Janeiro ZYJ455 - huge LOCAL-LIKE signal w/ Tupi mention. Most high-power Brazilians were virtually local-like (e. g. 980, 1040, 1100, 1220) <C>
 1290 09 0750 BRAZIL probably Sao Luis ZYH888: ad with apparent Sao Luis mention. <C>
 1290 08 2233 VENEZUELA / BRAZIL - Puerto Cabello YVLF w/ local ads / SS talk briefly atop; then Brazil (in PP) took over.<R>
 1290 09 0949 VENEZUELA Puerto Cabello YVLF w/ ID; very good. <C>
 1300 09 0020 BRAZIL - PP talk to good peak, taped <R>
 1300.6 08 0123 BRAZIL - unID ZY w/ PP talk & mx; 1300 het notched. <R>
 1300.6 09 2113 BRAZIL - PP talk poor to fair; another Brazilian right on 1300. Fortaleza poss. the 1300.6 stn. <C>
 1320 09 0419 BRAZIL - QRM-garbled PP ID mentioned "ondas cortas" (shortwave) outlet. <C>
 1330 09 0430 BRAZIL Belem ZY1533 fair to good w/ Liberal ID in PP <C>
 1360 09 0557 BRAZIL Rio de Janeiro ZYJ464 - XInt signal at times at end of PP religious pgm. "LBZ" ads and Guanabara mentions. <C>
 1370 09 0415 BRAZIL - o/QRM w/ PP talk, Regional jingle <C>
 1370 09 0613 BRAZIL (2 stations) - one had tropical mx & announcers who mentioned Goiania; the other had PP talk. <C>
 1370 10 0318 BRAZIL - Brazilian mx, no ID before fade-out <C>
 1380 09 0342 BRAZIL - PP religion - LOUD <C>
 1380 09 0559 BRAZIL - PP; trashed by Portugal - 1377 <C>
 1380 10 0315 BRAZIL - PP teletalk w/ f announcer; she mentioned "Molina Rodriguez" at 0316 (perhaps her name?) - fair, but faded out fast. <C>
 1380 10 0330 BRAZIL Recife ZY1773 good w/ two clear R. Continental de Recife ID's, mentions of "a musica, a cultura", m PP religious talk. Tricky to follow at times because another Brazilian w/ rel. mx faded in & out. <C> 1390 09 0827 BRAZIL (2 stations) - PP talk o/u PP f vocal <C>
 1400 09 0350 BRAZIL - PP talk, fair <C>
 1430 09 0758 BRAZIL - PP talk <C>
 1430 09 0821 BRAZIL - PP talk <C>
 1430 09 2211 BRAZIL Mossoro ZYJ604 - XLNT w/ "do Mossoro" mention, US Top 40, then PP song. <C>
 1430 09 2330 BRAZIL Mossoro ZYJ604 - XLNT peak w/ ID as R. Libertadora Mossoroense. <C>

1440 09 2246 BRAZIL Rio de Janeiro ZYJ469 - good w/ pop mx & ID "R. Rio AM". <C>
 1450 09 2200 BRAZIL - PP talk poor <C>
 1460 08 2215 BRAZIL - PP talk <R>
 1460 09 0816 BRAZIL - PP talk & mx. poor <C>
 1460 09 2234 BRAZIL - PP m vocal <C>
 1468.8 08 2338 BRAZIL unID Braz. GY'er here, air of distant storm QRN. R. Nacional mentions fr. PP 'futebol' net. <R>
 1470 08 2312 VENEZUELA Carupano YVSY - R. Vibracion ID, fair <R>
 1470 10 0259 BRAZIL - fast PP talk, play-by-play sports, (think) Sao Paulo-vs.-??; baby product ads. No ID's heard between 0259 & 0305. Fair while it lasted. <C>
 1480 08 2301 PUERTO RICO Fajardo - WMDD good w/ ID mentioning Fajardo <R>
 1480 09 0303 BRAZIL - PP talk to good peak <C>
 1480 09 2157 BRAZIL (city?) - PP song about Maria, faded down during ads (& probable ID per Murphy's Law of DX). Mentioned what sounded like Vale de Curuca. We don't think it's ZYI911 Piracuruca, but not sure. <C>
 1490 09 0252 VENEZUELA (t) - SS talk (Caracas or Maracaibo likely)<C>
 1490 09 2200 BRAZIL - PP talk poor <C>
 1500 09 2138 BRAZIL (2 stations) - one had excited m PP sport the other had PP vocal mx & f announcer. <C>
 1510 09 0813 BRAZIL (2 stations) one w/ song; on w/PP talk - both topping usual WSSH-1510 SS stuff (when on Brazil Bev)<C>
 1520 08 2306 VENEZUELA Guatire YVIC - R. Bonita D <R>
 1520 09 0353 BRAZIL - PP pgm weak o/mess <C>
 1520 09 0832 BRAZIL - PP talk & mx, poor <C>
 1530 09 0842 BRAZIL - jumble of several PP stations <C>
 1530 10 0804 BRAZIL - weak w/ apparent m PP talk (s/on announcement) <C>
 1540 08 2320 BRAZIL - PP talk <R>
 1540 09 0252 VENEZUELA (t) Coro the likely source of SS talk here <C>
 1550 09 0300 BRAZIL Areia Branca ZYJ606 - R. Gazeta do Oeste ID, LA rock, PP ad for something in Ariera Branca. <C>
 1550 09 0803 BRAZIL unID city - s/on of second ZY. ID taped; after numerous replays no definite conclusion (sounded like R. Cultura (or) A Culturida ... AM 1550 kHz. <C>
 1550 09 0810 BRAZIL Areia Branca ZYJ606 - Gazeta ID, PP mx <C>
 1550 09 2130 BRAZIL - 3 Brazilians battling it out here <C>
 1550 09 2257 BRAZIL Areia Branca ZYJ606 - Areia Branca mentioned, R. Gazeta ID, romantic PP mx, clear local ad - very good. This is probably the best bet for US reception of a Brazilian graveyard since Areia Branca is located right on the coast just northwest of the northeast corner of Brazil and 1550 has no strong LA QRM. <C>
 1560 08 2312 BRAZIL - PP talk // 1590 <R>
 1560 09 0230 BRAZIL Pentecoste ZYH622 - ID taped (see also 0800Z)<C>
 1560 09 0800 BRAZIL Pentecoste ZYH622 poor w/ ID R. Difusora Vale de Curu getting through clearly. Taped. This may have been s/on. Two PP's noted here on 10 NOV at times. <C>
 1560 10 0800 BRAZIL - accordion mx, Brasopop later. Fair; faded.<C>
 1570 08 2308 TURKS & CAICOS - Atlantic Beacon LOUD w/preacher <R>
 1570 09 2133 BRAZIL (city?) - PP teletalk, then ID sounding like R. Cultura (not sure after several listens to tape) <C>
 1590 08 2238 BRAZIL - m PP talk 'futebol' (soccer) game <R>
 1590 08 2312 BRAZIL - PP talk // 1560 <R>
 1590 08 2350 BRAZIL - PP talk (not on futebol net) <R>
 1590 09 0626 BRAZIL Sao Carlos ZYK762 - PP talk, Realidade jingle, R. Realidade ID. Also noted a "de Sao Carlos" mention at 2121 on 09 NOV. A second Brazilian here too. We were amazed to find (at least) bits of PP audio on every Brazilian graveyard channel (1450-1590 kHz) ! Some channels had up to 3 stations each. Note these use 1kW day / 250 watts night ! <C>
 1590 09 2121 BRAZIL Sao Carlos ZYK762 "do Sao Carlos" mention <C>

All in all, I would say that this trip was a resounding success: it exceeded expectations except on the high-latitude Europe / Middle East /Asia routes. Of course, the trip occurred during one of the greatest auroral disruptions of 1991 (comparable to that of late March). This no doubt assisted our African and Brazilian loggings (as much as it ruined Scandinavia, Iran, India, etc.).

Neil and Jean are custodians of the MANY tapes of our receptions. After tapes are analyzed and after others read and respond to this article, an update article will probably be issued to resolve unidentified receptions. After a while (maybe a year or more), it is hoped that we can offer an organized, narrated series of tapes of the best and clearest catches as a DX "product".

Are you expiring?

We hope not! To avoid expiration, mail your remittance to the **DX News Membership Center early**. MC/VISA? Call (608) 423-4159. Allow at least four weeks after mailing your check or money order for new renewal data to appear on your **DXN** mail label.

Radio Roundup

News of radio personalities, of interest to DX'ers

Greetings all ... Garrison Keillor's American Radio Company is looking to move its home base out of New York City. Originally operating from Minnesota, he is looking for a spot in New England to settle down. He also has a new book coming out "WLT: A Radio Romance" ... Ken Chatterton sent in a very interesting article concerning the F.C.C.'s fining of a number of stations for inappropriate on-air stunts. WCCC received attention for announcing that a volcano had erupted in Avon, CT. WALE announced that one of their talk show hosts was just shot in the parking lot. WSHE faked an Emergency Broadcasting System Alert. KSLX announced that it had just been taken over by Indians from the local Pima Reservation. There is no doubt that the judgement exercised by some on-air personalities should be held in check ... John Bowler reports that KCHS-AM's owner Neil Baird, Sr., has passed away. He also founded the Truth or Consequences Sentinel ... Fellow NRCCer Perry Crabil has advised that WUSQ country disk jockeys Randy Woodward and Jenny Lynn Sowers, in Winchester, VA, have been married ... While narrowcasting has found a niche in many markets, it is unusual to find 50,000 watters offering such programming. In the Delaware Valley, NRCCer Dan Cahin reports that listeners of WVCH-740 can fulfill their St. Patrick's Day feelings every Saturday from noon-until 2:00 p.m. with Will Regan behind the microphone ... Big Apple fans of Costas Coast-to-Coast will have to turn the dial from WFAN to WABC on Sunday evenings. With WFAN's commitment to sports the Costas show was frequently delayed. On WABC this will be a steady gig for loyal fans ... Mike Knitter reports that John D. Rice, an award winning journalist and station administrator at WCOW-Sparta/Toma area of Wisconsin. Mr. Rice was 74 years old and died of a heart attack at home ... Mark Hardester checks in with news from the North Carolina's WLAS-910. The station is still off the air and a For Sale sign graces its front lawn. WLAS's on-air personalities were well known locally and had a loyal following. Where did they go? Andy Andrews may now be heard mornings on WJNC. E.L. Lilly is with the Jacksonville (NC) Police Department, B.J. Ervin is working part-time at WRNS-FM and Randy Roberts is working for a local moving and storage company ... WMTR in Morristown, NJ has dropped its Business Format in favor of Oldies programming, du wop. The Station Manager felt that a Fi-

Pete Kemp (KZ1Z)

P. O. Box 73
Bethel, CT 06801-2203

nancial format really didn't have staying power with the advertisers, thus the change ... Eric Bueneman checks in via Prodigy with the following items ... WPBE in Conyers had dropped its Adult Contemporary programming in favor of the Business Radio Network. BRN had previously been in the market on the now silent WFOM ... WJXL is back on the air airing a Contemporary Christian format ... WSB has lost the right to Atlanta Braves baseball to WGST. Also on WGST, Freddy Mertz has replaced Brian Wilson as the afternoon talker ... Satellite fed Unistar AM Only NOS/AC feed has found a home on WQXI-790 replace ABC's TalkNet from 1-4 in the overnight seat ... KGLD has added a morning sports show to its Goldies format ... In Chattanooga, WJOC-1490 has adopted an all sports format ... WABC has taken over simulcasting WSB-TV's 6 p.m. newscast from WFON ... WLBA in Gainsville is silent ... WSB's Ludlow Porch is going statewide with a talknet that WSB is putting together. Clark Howard is moving to the 9 to noon spot and David Paul in the noon to 4 position ... WDDO-1310 is no longer simulcasting its fm sister ... Tom Snyder fans may now find him on WGNU-920 ... If you are ever driving around the KSHE listening area watch out for their new roadside bulletin board. Its alive, with a big red LED VU-meter. Seems like listeners enjoy driving to the board to see the lights blink while they are tuned to the station on their car radios. A return to disco?, only kidding ... If you think that Rush is a rush on radio, Limbaugh is now scheduled to begin a half hour syndicated tv show with Multimedia in September 92 ... Disney World in Florida is certainly getting a lot of publicity from its 20th Anniversary in Orlando. They have a complete Radio and TV station facility there that they make available to broadcasters. Some talkshow hosts have even run their programs from the Disney Studios ... The FBI is investigating Imperial Transmitters Worldwide and its president Jerry Kautz. Seems that this company, based in McCook, Nebraska, has been taking money for used broadcasting equipment and has failed to ship such items. The company has folded and authorities are unable to locate Kautz ... WCBS-AM newscaster Fred Fishkin recently who the Edward R. Murrow Award for Investigative Reporting for his series titled "Profits and Poison: The Chromium Coverup" about poisoning in New Jersey landfills ... Talkshow host

David Brudney of WBZ-AM and Boston Globe columnist Mike Barnicle will be facing off on a variety on subjects on WCBV-TV 11 pm newscasts on Tuesdays and Thursdays. Sort of a 60 Minutes Point-Counterpoint routine of years ago ... Commercial broadcasters are pleased to have gained a temporary victory over the FCC's attempt to charge a \$2,000 annual user fee to cover their enforcement operations. The NAB is pleased but notes that they expect this issue to surface again next year ... Marty Glickman, the Dean of Sportscasters in New York City, is still running strong at age 74. He recently received a Jets jersey for broadcasting his 1,000 jets game. He started broadcasting in the late 1930's. Glickman has been a sportscasting coach to both ABC and NBC, tutoring its newly hired and veteran staff sports announcers in the finer points of reporting the game. Trivia nuts may note that Marty Glickman ran in the 1936 Olympics ... KIXI-AM in Seattle has been sold to the Sandusky Radio Group ... With budget cuts taking their collective toll on city services all across the country, it is nice to see many radio stations facing these issues head-on by facilitating positive discussions of the issues and how to correct things instead of just pointing fingers ... In Pittsburgh, WTAE staffers Lynn Cullen, Doug Hoerth and Phil Musick spent a day broadcasting from the Pittsburgh Aviary trying to keep the facility open in the face of city budgetary cutbacks ... KDFW-AM in Dallas has dropped its calls and business format in favor of music of the 40-50-60s and the new call letters of KCMZ ... WCBS has been called

to task for NOT participating in the Emergency Broadcast System (EBS) Alert for Hurricane Bob, August 19th. The management said it chose not to participate, however someone must have been a sleep at the switch, as WCBS is a CPSC-1 station (Common Program Control Station #1) which means its signal is used to trigger the alert for other stations down the line. Needless to say a lot of unhappy people. A New York newspaper, Newsday, did quite an investigative report on this situation. Further discussions yielded the fact that the WCBS-AM on-air news personnel thought that it was just another test, and WCBS-FM chose not to participate. Helen Blieberg, director of communications for CBS Radio stated "State activation and participation is voluntary. There are no guidelines that indicate that you have to make a position known at the time." While the EBS System has come under a lot of criticism, and is currently under review by the F.C.C., there is a moral level of responsibility, that in this case, seems to have been breached. The Federal Emergency Management Agency (FEMA) is also looking into the matter. The State of New York is currently in the process of implementing satellite fed EBS ... Larry King may now be heard on WIBV-1260 ... KWTO-560 has moved into a news/talk mode and has added the services of TalkNet ... WTJH in East Point, a suburb of Atlanta, is programming Back Gospel ... Looks like a big problem brewing in Tampa. WAMA-1550 is simulcasting Gannett's WDAE/WUSA(FM), from midnight to 6 in the morning, without the permission of the owners ... Thanks to all the contributors ... So much for now.

IN THE BEGINNING

BY JOHN D. BOWKER

THIS IS THE COMPLETE LIST OF U. S. BROADCAST STATIONS ON THE INDICATED FREQUENCY. AS PUBLISHED BY THE FEDERAL RADIO COMMISSION IN 1934. "S" MEANS SHARED; "SH" MEANS SPECIFIED HOURS; "T" INDICATES TRANSMITTER LOCATION; "D" MEANS DAYTIME OPERATION ONLY; "U" MEANS UNLIMITED TIME.

Frequency (kc)	Call letters	Main studio and transmitter location	Power	Time designation
1250, regional.	WAAM	Newark, N.J.-----	{ 1 kw-----	S-WGCP, WODA. (See WNEW.)
	WGCP	Newark, N.J.-----	{ 2½ kw LS.----- 250 w-----	
	WNEW	Newark, N.J. T—Near Carlstadt, N.J.	{ 1 kw----- 2½ kw LS.-----	S-WGCP.
	WODA	Paterson, N.J.-----	1 kw-----	S-WAAM, WGCP (See WNEW.)
	WDSU	New Orleans, La. T—Gretna.	1 kw-----	U.
	WLB	Minneapolis, Minn. T—St. Paul.	1 kw-----	S.H.
	WRHM	Minneapolis, Minn. T—Fridley.	1 kw-----	S.H.
	WCAL	Northfield, Minn.-----	1 kw-----	S.H.
	KFOX	Long Beach, Calif.-----	1 kw-----	U.

Thoughts from NRC members ... 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.

Dave Schmidt
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Wilmington, DE 19850-1502
Times are local per Muse.

G. HARLEY DeLEURERE - PO BOX 10 - HENDRICKS, WV 26271-0010

In your column earlier this month, you asked for reports from those who had been in the radio business. In Aug. 58, we moved back to the US from Aberdeen, Scotland. The next month I enrolled in the Albion College in Albion, MI. Albion College had a carrier-current station operating on 570 khz with the call WBNR. I was already an NRC member and a gung-ho DXer, therefore I joined the staff of WBNR. I had my own hour program each Monday evening. It was great to be a genuine broadcaster. I could tell some stories about it but I won't. I will say though that my program was to consist of classical music. I played such, but then I'd break into the middle of a concert with a week-old stock market report. The management naturally was upset, but then the pay was zero therefore WBNR tolerated my nonsense. I enjoyed myself at WBNR! Before closing, I have a couple of requests: What is the correct address for WWWR-910 Roanoke, VA & where can I have my old Zenith radio model H72322 completely checked out & fixed? Thank you & Merry Christmas!

CESAR OBJIO - CALLE ENRIQUE HENRIQUEZ 69 - SANTO DOMINGO, DOMINICAN REPUBLIC
Hi friends! This is a request for help. I have just seen in DX NEWS that there is a new 1992 NRC AM RADIO LOGBOOK for sale. As I don't need one so urgent (the only one I have is dated 70-71, I think it was the first one made), so I don't buy them, but sometimes I do need one for reference. My present one is old & outdated. If you are going to throw out your old one, please let me know and see what arrangements we can make so that I may have it. Thank you! And from Santo Domingo, my best wishes for a Merry Christmas & a Happy New Year to all!

DUNCAN J. SHAW - 3560 S. HOOVER STREET #224 - LOS ANGELES, CA 90007-3614
Greetings all! A short re-intro, as it has been well over a year since my last MUSE. I am now a freshman majoring in broadcast journalism at USC (our football team may not be doing well, but we've still got the greatest band!), am 18 years old and also work at Smith Barney in LA. It is much harder to DX in LA than San Francisco, there is either a local or noise from a local on nearly every channel not to mention the fact that everyone in my dorm has a TV, a computer, a fan, etc. I like the new look of the bulliten, and I also enjoy the monthly visit of the DX Audio Service. It is a well produced compliment to DX NEWS. One comment for improvement of the AM logbook, would it be possible to seal this on computer disk? I either spend hours with the white out or keep an out-of-date book. All for now, 73's

ANDY RUGG (VE2EM/3) - 375 IVAN CR. - CORNWALL, ON K6H 7C7
A combination of events continues to keep me away from the AM dial. I have re-settled in this E ON town, about 75 miles W of Montreal. After a series of job restructurings during the summer, my life has begun to settle down. I may even get a chance to resume BCB DXing soon! I bought a townhouse in the E end of town but it has limited possibilities for antennas. On the favorable side, I have substantially fewer locals, only WYBG-1050, CJSS-1220 & WMSA-1340. It is interesting occasionally to hear my old local CJAD-800 getting beat-up by PJB in the late evenings. I hope to have some DX to report in my next MUSE! 73

DAVE SCHMIDT - PO BOX 11502 - WILMINGTON, DE 19850-1502
Some good S openings were noted this week, with the most interesting being WRBQ-1380 atop w/rock music and Q105 ID's at 4 PM on 11/27, having WAMS off did help but they've never been heard that early before. Later, without WCKY, WCTR with their low power transmitter (post sunset operation for 30 minutes after normal sunset at 12 watts!) was noted alone of 1530 at 4:50 PM, about 45 miles away. Have things slacked up? After a couple of good turnouts, we're back to the single page MUSINGS section! Get involved - let us know what your hearing! Lot's of things going on with work on the Eastern Shore, more on that as it happens! Have a good holiday season!

For Beginners ...

the world of DX'ing can be confusing. And that's why Jack Woods' and Mike Hawk's column, "For Beginners," was created. If you have a DX question, just mail it to Mike at 10212 P St. - Omaha, NE 68127-2130, and he and Jack will have an answer in a future column. Remember, you're not alone - we all started at the beginning - once upon a time!

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