

DECEMBER 11, 1993 - VOLUME 31 - NUMBER 13 - EDITION 1005-ISSN 0899-9732  
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**NUMBERS AGAIN:** THE EDITION NUMBER ON THE NOVEMBER 20th ISSUE IS 1002....  
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**IN THIS ISSUE:** IRCA DX TEST..2, DX WORLDWIDE WEST..3, DX WORLDWIDE EAST..4, GEOMAGNETIC INDICES..6, 11 & 18, WESTERN DX ROUNDUP..7, IRCA CONTEST STANDINGS..9, CENTRAL DX ROUNDUP..10, EASTERN DX ROUNDUP..12, VERIFICATION SIGNERS..16, WESTERN DX FORUM..18, EASTERN DX FORUM..19, OCTOBER 1993 NEWFOUNDLAND DXPEDITION..21-39 WITH A FEW PAGES REMAINING FOR NEXT ISSUE. WILL PROBABLY HAVE A BIG ISSUE NEXT TIME TO CLEAN UP LOOSE ENDS..  
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**NEW MEMBERS:** KENNETH NAWALKOWSKI, VICTOR SWEET. WELCOME TO YOU KENNETH AND VICTOR. **RENEWALS:** MIKE BROOKER, THOMAS WHITE, BILL AND NANCY HARDY..  
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**RECEIVER WANTED:** PANASONIC RF-2200 IN ANY CONDITION CONTACT STEVEN GARR-EN 814 BOSS HARDY RD WINDER GA 30680. TELL HIM WHERE YOU SEEN THE AD  
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## A WORD FROM YOUR CPC

The IRCA CPC is in need of donations to continue arranging DX tests for the '93-'94 DX season. The response from the membership so far this season has been tremendous. There are just a couple more months left in which we will mail letters for this season, so if you haven't yet sent your donation, now is the time to do so. For those of you who have sent your donations, thank you so very much. For those of you who haven't yet, your donations, in the form of check or mint stamps (no cash, please), may be sent to:

J.D. STEPHENS - IRCA CPC  
 P.O. BOX 605  
 HUNTSVILLE, AL 35804-0605

Thank you for your continued support. 73's..... *J.D. Stephens*

A belated "Thank You!!" for the Ted Vasilopolous Award, which you awarded me for the CPC work done during the '92-'93 season. The success of the CPC is a direct reflection on the outstanding membership we have. Once again, "Thank!". The plaque has a special place in my DX shack. *J.D. Stephens*

263 Meters

### Radio KFJR

Glenwood Ave. and East 36th  
 PORTLAND, OREGON

*Built, owned and operated by*  
**ASHLEY C. DIXON, Sr. and ASHLEY E. DIXON, Jr.**

Dear Friend of the Air: *10/14/25*

We wish to express our appreciation of your report of.....

We hope you will listen to KFJR from time to time, and offer any suggestions which will tend to improve our programs. *10/8/25*

Cordially yours,  
 Radio KFJR

*Respect O.K.*  
*T-hanks!*

*Ashley C. Dixon, Jr.*  
 Director

Our schedule appears on the back of this card

# DX TEST BULLETIN

• DX TESTS ARRANGED BY IRCA AND NRC •

**SATURDAY, DECEMBER 10, 1993** - WJSM-1100, ROUTE 2, BOX 87, MARTINSBURG, PA 16662 WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, VOICE ID'S, AND COUNTRY GOSPEL MUSIC. RECEPTION REPORTS MAY BE SENT TO: WJSM RADIO. (ARRANGED BY THE NRC CPC)

**MONDAY, DECEMBER 13, 1993** - WNEZ-910, 130 BIRDSEYE ROAD, FARMINGTON, CT 06032 WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE AND VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. BOBBY GRAY (KA1ZHH) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, DECEMBER 20, 1993** - WCGC-1270, P.O. BOX 888, BELMONT, NC 28012-0888 WILL CONDUCT A DX TEST BETWEEN 12:00 & 12:30 AM EST. THE TEST WILL INCLUDE MORSE CODE AND COUNTRY MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. BRUCE MUSSO - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, DECEMBER 20, 1993** - WDAS-1480, BELMONT AVENUE & EDGELY DRIVE, PHILADELPHIA, PA 19131 WILL CONDUCT A DX TEST BETWEEN 1:00 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, AND BLACK GOSPEL MUSIC. FROM 1:00 TO 1:30 AM, POWER WILL BE 5 KW, THEN SWITCH TO A POWER OF 1 KW FROM 1:30 TO 2:00 AM. RECEPTION REPORTS MAY BE SENT TO: MR. WILLIAM R. SULLIVAN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, DECEMBER 20, 1993** - KWNC-1370, P.O. BOX 607, QUINCY, WA 98848-0607 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, AND "CLASSIC" MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. DONALD LOCKWOOD - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, DECEMBER 27, 1993** - KVON-1440, 1124 FOSTER ROAD, NAPA, CA 94558 WILL REPEAT A DX TEST WHICH RAN IN OCTOBER BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE MORSE CODE AND TONES. RECEPTION REPORTS MAY BE SENT TO: MR. MICHAEL MARTINDALE (KB6RQH) - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, DECEMBER 27, 1993** - KQKE-700, 1514 MOFFETT STREET, SUITE I, SALINAS, CA 93905 WILL CONDUCT A DX TEST BETWEEN 3:30 & 4:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, AND MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. DOUGLAS BROWN - PROGRAM MANAGER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**SUNDAY, JANUARY 9, 1994** - WSB-750, 1601 W. PEACHTREE STREET, NE, ATLANTA, GA 30309-2641 WILL CONDUCT A DX TEST BETWEEN 12:00 & 5:00 AM EST. THE TEST WILL INCLUDE 750 HZ TONES AND VOICE ID'S INSERTED IN THEIR REGULAR TALK FORMAT. POWER WILL BE 50 KW OMNIDIRECTIONAL. RECEPTION REPORTS MAY BE SENT TO: MR. RON WILSON (K4POZ) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, JANUARY 10, 1994** - KURL-730, P.O. BOX 31038, BILLINGS, MT 59107 WILL CONDUCT A DX TEST BETWEEN 2:30 & 3:00 AM EST. THE TEST WILL INCLUDE VARIOUS TEST TONES AND MORSE CODE ID'S. DURING THE TEST, KURL WILL SWITCH SEVERAL TIMES BETWEEN POWERS OF 5 KW AND 235 WATTS. RECEPTION REPORTS MAY BE SENT TO: MR. KENT ABENDROTH (WA7DUC) - GROUP ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**SUNDAY, JANUARY 16, 1994** - KWCO-1560, P.O. BOX 1268, CHICKASHA, OK 73023-1268 WILL CONDUCT A DX TEST BETWEEN 1:05 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, MARCH MUSIC, AND VOICE ID'S. DURING THE TEST, KWCO WILL SWITCH BETWEEN POWERS OF 1,000, 500, AND 250 WATTS. PHONE CALLS WILL BE TAKEN DURING THE TEST AT (406) 224-1560. NO COLLECT CALLS, PLEASE. RECEPTION REPORTS MAY BE SENT TO: MR. JOHN CARSON - NEWS DIRECTOR. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, JANUARY 17, 1994** - WJIB-740, P.O. BOX 848, NEEDHAM HIGHTS BR., BOSTON, MA 02194 WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. THIS TEST WILL BE REPEATED ON JANUARY 24. RECEPTION REPORTS MAY BE SENT TO: MR. BOB BITTNER - MANAGER/OWNER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

## IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of **DX Monitor**. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign CB/DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90, E Palo Alto CA 94303.



PAT MARTIN P.O. BOX 843 SEASIDE, OR 97138

# DX Worldwide - West

Time: UTC phone (503) 861-3185

DEADLINE: MONDAYS

Conditions continue to be slow here. Very little DX in the mornings. An Aussie or two and some JJs, plus an occasional Russian. I did hear one from The Philippines recently on 666 under the JJ. Reports this time from Tim Hall and Larry Godwin. So on we go.

## PAN-AMERICAN DX ROUNDUP

- 690 MEXICO, Tijuana-XETRA MM 10/25 0755 off leaving CBU mixing with UNID Sports Talk, lots of MM SPs lately. (TRH-CA)
- 710 CUBA, on top on this loop bearing at 0400 11/22. Chimes, then man said "Desde la Havana" Then threme from "Exodus", then fade-out. Could be any of three listed. (LG-MT)
- 820 MEXICO, Los Mochis-XEUDO 11/16 1302 loud, long XE Anthem (3-4 verses) s/on with Thought For The Day, by manm then into full s/on w/mention of 1KW. Calls stand for "Universidad De Occidente Cultural format, slogans "Radio Universidad De Occidente", "La Estacion Que Promote La Cultura". New station, thx to John Wilkins for tip. XE#236. (TRH-CA)
- 830 MEXICO, Culiacan-XEVQ assumed the one with "La Grande" ID at 0130 11/24. Not needed. (LG-MT)
- 1130 MEXICO, Toluca-XETOL very strong with "XE-TOL" ID and Radio Lobo at 0027 11/24. All alone. (LG-MT)
- 1500 MEXICO, believed the source of two competing SS stations at 0100 11/24. No ID. (LG-MT)

## TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, West Kempsey-2MC-fair with rr mx at 2MC ID at 1445 on 11/28 (PM-OR)
- 693 JAPAN, Morioka-JOQG-good with JJ talk at 1430 on 11/27 (PM-OR)
- JAPAN, Tokyo-JOAB-MM 10/25 0836 fair w/XETRA off. Anything from Japan is very rare here the last 4-5 yrs. (TRH-CA)
- 891 AUSTRALIA, Townsville-4RR-good with rr mx at "\$-RR" ID at 1500 on 11/28. (PM-OR)
- 1575 THAILAND, VOA-fair here in EE at 1515 with disc. prog. 11/27(PM)
- UNID, some US rr mx under VOA at 1517 11/27.FEN? (PM-OR)
- 1602 RUSSIA, man talking in RR weakly 1530 11/27 (PM-OR)

## THANKS TO THESE REPORTERS

- LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59801  
Hammarlund HQ-150, Sanserino air-core box loop
- TRH-CA TIM HALL-350 G. STREET #F-1-CHULA VISTA CA 91910-4559  
ICF-2010, KIWA Loop
- PM-OR YOUR EDITOR  
Drake R8, Hammarlund SP-600 JX17, Term. 200' SW wire, 2000' NNW Bev, 1500' E Bev.-Tun4 ant. Presel, phasing unit, Ground system, etc.

## A DXers TECHNICAL GUIDE

Now in its 2nd edition, this 120 page book answers questions on receiver and antenna theory, how to make them work better, what audio filters and loop antennas will do for you (and hints on their construction), how to build a beverage and phasing unit, and much more. Only \$5.50 for IRCA members, \$6.50 for non-members (overseas airmail add \$2.50). Order your copy today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

# DX WORLDWIDE EAST

EDITOR: JIM HALL ■ 3176 CHELTENHAM CT. ■ GIBSONIA, PENNSYLVANIA 15044-8435 U.S.A.

This week's column is loaded with reports and information from several reporters. There are some excellent results by Connelly in nailing down Sao Tome on 1530 on Nov. 20. Carl's 1340 XEKEM logging lists the QTH as it may not be available on anyone's lists. Road maps show the town as Apatzingan, but the station uses the postal name Apatzingan de la Constitucion. Tim tends to favor the short names (Tim Hall in CA), but Mexican lists may be more useful with the postal names which most stations use in their formal ID's. Yes, Carl, the 770 Bogota is perhaps DX, across enough miles to wait until conditions are right. And across time, 50 years to when the Cumbia was a rythm down on the beach and in a few native bars.... Cartagena, a romantic name, yes. Carl goes on from there with a personal note, and yes, Carl, even what no longer exists can be stirred to memory sometimes..... Welcome to Herbert Newberry, Jr, both to IRCA and via a report forwarded to my desk by EDXR. For all reporters, when sending in contributions to the column, please follow as close to the format in the actual column as possible (frequency order, name ending each entry, time/Date in UTC, brief but thorough data on the reception, etc). Harking back to a comment by Mark Connelly in once-published foreign DX article, it is a good practice to report ALL TA receptions, especially inland listeners. Other "DX" like nightly receptions of a 100kW Cuban from FL should not be sent to the column - DXer discretion is advised. Although the boundaries for reporters to report to DXWW-E are locations east of the Mississippi, I still suggest that any DXer's in states that are directly on the west border of the Mississippi use their best judgement as to which international column to report to. Occasionally, these areas may be of better use in one column than in the other, but once you choose where to report you should routinely use that column. ON WITH REPORTS:

## TRANS - ATLANTIC DX (Connelly-MA)

- 603 SPAIN Sevilla 0516 11/15 m in SS, 'Moonshadow' by Cat Stevens; fr-gd.  
 612 MOROCCO Sebbaa-Aioun 0516 11/15 bits of AA talk on big carrier.  
 621 CANARY ISLANDS Santa Cruz, Tenerife 0128 11/8 SS talk by w, fr. Also 0513 11/15 gd-xint w/fast SS talk.  
 756 SPAIN 0538 11/8 SS talk, murky.  
GERMANY Braunschweig / Ravensburg 0511 11/15 GG talk w/other; pr-fr.  
 765 SWITZERLAND Sarnen 0511 11/15 pr-fr w/classical mx.  
 774 SPAIN 0127 11/8 m & w in SS, wavery signal/ and on 11/8 0537 loud, m in SS.  
 855 SPAIN Murcia et al 0509 11/15 SS nx by w //774; fr in WHDH slop.  
 891 ALGERIA Algiers 0125 11/8 talk by w, AA-type mx; gd.  
 954 SPAIN Madrid 0134 11/8 xint w/romantic SS vocal.  
 999 SPAIN Madrid 0521 11/8 xint w/m in SS; slight CKBW splatter.  
 1044 MOROCCO Sebbaa Aioun 0135 11/8 muffled AA-sounding talk.  
 +MOROCCO & SPAIN 0520 11/8 fem. AA vocal o/u SS talk/growl, and on 11/16 0025 w/SS & AA evenly mixed; low growl present.  
SPAIN San Sebastian 0508 11/15 SS talk atop chan.; strong.  
UNID 0519 11/8 Huge OC.  
 1053 ENGLAND 2355 11/15 EE talk then rock mx; briefly gd w/WBAL phased.  
 1089 CANARY ISLANDS / SPAIN 0519 11/8 SS talk w/WWWE phased, and 11/16 0105 w/w in SS, mushy audio; o/other.  
 1251 LIBYA Tripoli 0136 11/8 big het, AA talk in slop.  
 1314 NORWAY Kvitsøy 0525 11/16 one of those pop medleys of 15-sec. pieces of different classical works, then w in NN.  
 1332 ITALY 0502 11/15 m & w talking, possibly II.  
 1349 MAURITANIA Nouakchott 0050 11/16 a cappella vocal; poor in slop.  
 1375 ST. PIERRE & MIQUELON 0137 FF to strong peaks but choppy.  
 1386 RUSSIA (KALININGRAD) Bolshakovo 0020 11/15 clas. mx, Slavic talk to fr peaks before big fade, and on 11/16 0526 w/Slavic talk, pr-fr.



- 1503 unID 0139 11/8 possibly Spain or Azores in WTOP/WSSH slop.
- 1512 SAUDI ARABIA Jeddah 0140 11/8 AA female vocal pr in local WSSH slop.
- 1521 SAUDI ARABIA Dubai 2130 11/15 uptempo AA vocals; LOUD on car rx on commute home from work. In open marsh/wetland areas (e.g. Shawsheen R. at Tew Mac Airport) it thundered in & compl. demolished WAKB.  
 SPAIN 0142 11/8 fast SS talk, pr w/WAKB & WSSH slop.
- 1530 VATICAN 0447 11/15 IS, talk by m & w (prob. in Hungarian as listed), o/o WCKY. Also 0020 11/16 w/classical mx //5882; fr w/WCKY phase.  
 \*SAO TOME - VOA 0245-0315 11/20 TT's came on around 0245: these were at 1 kHz (giving an almost het-like sound). 7405 didn't have the TT. Both 1530 and 7405 started up w/VOA African Svce. nx in EE w/a m ancr at 0300. Sao Tome-1530 was initially losing to WCKY & bits of Vatican but then, during a nx item about the American Airlines strike, it came up well enough for a conclusive // to 7405. A fem. ancr came on around 0305 and that was also noted on 7405. Pop-rock mx at around 0310, much easier to parallel as WCKY was doing sportstalk and Vat. had disappeared. All in all it was a thrill to get this form home. The path on that bearing from here is relatively low loss, going over 14 miles of flat land out to the Revere Bch. area and then out to sea. Later that evening, around 0445, Vatican was o/u WCKY w/no Sao Tome. Cx had been quite AU earlier that evening (2300 Z), but were not remarkably so at the time of this reception. (Good effort, Mark. ed)
- 1557 MALTA 0443 11/15 Cyclops w/mx, AA talk //6025; sloped by WQEW.
- 1575 SPAIN 0436 11/15 SS nx //1584, pr.
- 1584 SPAIN 0510 11/8 m in SS, v. choppy. Also 0434 11/15 SER nx //Ceuta-1585.2 which was easily splittable.
- 1585.2a CEUTA (Spanish territory at northern tip of Morocco) 0434 11/15 m w/SS nx SER net //1584. Audio seemed bassy. After I notified Jean Burnell about this via E-mail, he relayed information from Jorma Mantyla in Finland identifying this off-chan. stn as this rather than mainland Spain. Also 11/16 0530 R. Ceuta was noted again //1584 w/SS nx, pr-fr w/hvy CBJ slop.
- 1593 GERMANY Langenberg 0535 11/16 pop vocal to strong peaks but w/deep fades; a gd signal on the average but not the "king of TA's".

## P A N - A M E R I C A N D X

- 535 TURKS & CAICOS 0130 11/8 loud w/"R. Vision Christiana" ID, SS talk. (Con-MA)
- 555 ST. KITTS & NEVIS Basseterre Z1Z 0129 11/8 apparent preaching - pr. (Con)
- 640 CUBA CMBC 0430 11/15 fr w/Latin mx. (Reiser-IL)
- 670 CUBA 0514 11/21 gd w/Reloj, //590 but better on 670. No Rebelde. (Hyde-VA)
- 690 unID (jammer?) 0255 11/20 raucous roar & scratching noise covering a fr'ly strong SS. m, w/talk. Both abruptly gone 0258 leaving CBF. Strange. (Hyde)
- 730 MEXICO 2310 11/20 xInt w/mx, "La Grande" signs. (Hyde-VA)  
 +0551 (no date. ed) pr w/CKAC QRM, Mex. mx. (Reiser-IL)
- COLOMBIA Cartagena???? 1027 11/14 ads, futbol promo, RCN ID, then "RCN Cartagena" ID announc'g new xmtr to cover northern Colombia, Sunday night mx'ial pgm. Gd. (Huffaker-MEXICO) (Let's keep an eye on this freq. ed)
- 810 COLOMBIA Bogota 11/13 0300-0305 listening for WGY or WMTS-TN per request to monitor during WTHS experimntal xmissions (cover DXM 11/13). Hrd trash w/HJCY rising & falling into noise. Ment's Col. (Newberry-GA) (Herbert, welcome to the club & DXW-E. I had lived in coastal GA several years ago, around Brunswick & St. Simon's Is. and loved the beaches, weather and DX. ed)
- 830 ST. KITTS & NEVIS Basseterre 0533 11/8 EE talk, audience-interaction rlgS show //7510. Gd o/u CFJR. (Connely-MA)
- 885 MONTSERRAT Plymouth ZJB 0133 11/8 pr w/bits of EE talk. Was much stronger as OC about 4-hours later. (Connely-MA)  
 +2100 11/19 from 2023-2101 w/several ID's and Caribbean mx. EE rlgS pgm 2100. Het hrd often but this was 1st time for audio. (Bryant-TN)
- 895 ST. KITTS & NEVIS Charlestown 0133 11/8 gd w/rlgS pgm. (Connely-MA)
- 940 t MEXICO? 0310 11/20 strong w/SS folk mx - not CM. (Hyde-VA)
- 990 MEXICO Monterrey XET NEW, 0200 11/14 w/ID and Mex. anthem at what would have been the end of the WCAZ test pd. (Bryant-TN)
- 1060 t MEXICO 0320 11/20 xInt w/clas. mx, later talk by SS m, interview. (Hyde)
- 1340 MEXICO Apatzingan, Michoacan XEKEM 2259 11/11 "La Romantica" pgm of such mx, full ID ToH, gd w/SSS & local XEQB nulled. QTH Av. Constitution Nte. No. 10, Apatzingan de la Constitution 14, Michoacan. (Huffaker-MEXICO)
- 1540 BAHAMAS Na sau ZNS-1 1917 11/10 (0017? ed) loud w/political addr.. 1st time hrd since they went DA about 15-years ago. Even w/the hvy AU

they must've been on ND as their pattern is so tight. Tnx to JD Stephens for the tip. Also 0055-0105 11/15 (06- UTC? ed) back in again taking out KXEL and CHIN; end of rigs pgm, several ment's Nassau/Bahamas, singing "R, Bahamas" ID 0105. Again, suspect antenna problems forced them to ND operation. (Bryant-TN)

**CREDITS:**

- (Connelly-MA) MARK CONNELLY 30 William Road, Billerica, MA 01821-6079  
(Drake R-8, two slopers approx. 37m. ea via nx-reducing xformers to Super-MWDX-5 Phasing Unit & MWT-3 Regen. Tuner)
- (Newberry-GA) HERBERT NEWBERRY, JR 3344 Georgia Hwy. 11, Mansfield, GA 30255  
(R-5000, 150' L-shaped lw, Grove Minituner 3) \*\*WELCOME HERBERT\*\*
- (Reiser-IL) THOMAS REISER 4506 S. Winchester Apt. 205, Chicago, IL 60643-1109  
(Sony ICF2003 w/internal ant.)
- (Huffaker-MEXICO) CARL HUFFAKER Domocilio Conocido Huasca de Ocampo, Hidalgo CP43500  
(modified Soundstream auto rx, phasing unit, 2 31-meter ant's)
- (Bryant-TN) TOM BRYANT 949 Todd Preis Dr. Nashville, TN 37221  
(Yamaha TX-930 w/Kiwa air-core loop)
- (Hyde-VA) LEONARD HYDE 1805 Whipple Dr. #27, Blacksburg, VA 24060-2436

## Geomagnetic Indices

+	high point	mas	major storm	SA	solar activity
-	low point	mif	minor flare	spe	satellite proton event
GEO	geomagnetic activity	mis	minor storm	ss	severe storm
maf	major flare	pca	polar cap absorption		

Geomagnetic Summary September 7 1993 through October 4 1993

Date	FLUX	A	K	SA	GEO	OTHER
9/ 7	78	10	3	very low	quiet-unsettled	-
8	79	6	1	very low	quiet-unsettled	-
9	79	3	2	very low	quiet	-
10	79	4	2	very low	quiet	-
11	79	5	1	very low	quiet	-
12	79	9	4	very low	quiet-active	-
13	80	43	3	very low	unsettled-mas	mis 0400
14	82	23	4	very low	unsettled-mis	-
15	85	18	1	very low	quiet-mis	-
16	88	5	0	low	quiet	-
17	85	3	1	very low	quiet	-
18	85	3	1	very low	quiet-unsettled	-
19	84	2	0	very low	quiet	-
20	80	14	2	very low	quiet-active	-
21	80	7	2	very low	quiet	-
22	79	6	0	very low	quiet	-
23	78	7	1	low	unsettled	-
24	70	15	1	low	unsettled	-
25	96	8	2	low	quiet-active	-
26	106	11	2	low	quiet-active	-
27	104	10	1	moderate	quiet-unsettled	-
28	111	5	1	low	quiet	-
29	116	15	3	low	unsettled-active	-
9/30	121	13	4	low	quiet-active	-
10/ 1	117	24	1	low	unsettled-mis	-
2	127	6	1	moderate	quiet	-
3	125	3	0	very low	quiet	-
10/ 4	121	5	1	low	quiet	-

6



# WESTERN DX ROUNDUP

Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520-4527

★ PRODIGY  
FMFT21B

DEADLINES FOR WDXR TIPS: EACH MONDAY. PLEASE USE EASTERN TIME.

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REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704  
Modified FRG-7, 180' L-longwire, 4' box loop
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801  
Hammarlund HQ-150, Sanserino air-core box loop, KIWA loop
- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 91910  
ICF-2020, KIWA loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97104  
Drake R8, SP-600, term. 2000' NNW Bev., term. 1500'E Bev.,  
200' SW term. longwire
- (JSM) Steve McDonald-3319 Glasgow St.-Port Coquitlam, BC V3B 4K8  
R-71A, 30" Radio West (mod.) loop  
(JSM-BC1) DX'ing on Mayne Island, BC
- (SMM) Steve Mittman-P.O. Box 3222-Seal Beach, CA 90740
- (RCW) Reid Wheeler-5910 Boulevard Lp SE-Olympia, WA 98501  
R-390A, KIWA loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

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OF SPECIAL INTEREST

- 1340 KWWX WA, Wenatchee 11/22 1400 fair on top of KTCR with Spanish music, ID in Spanish. Ex-KWWX. (PM-OR)
- 1490 KJOE UT, Ogden 11/21 1816 ID'd for sister station KKBE-FM. Anncr. Shannon proclaimed a program of "adult contemporary Christian music" and invited calls at 801-392-9550 (which I did). #16 on 1490. Ex-KJQN. (LG-MT)
- 1600 KWMX CO, Lakewood 11/23 2140 ID for "Mix 107.5." Ex-KRXY. (LG) \*\*\*\*\*
- 560 (KSFO) CA, San Francisco 11/21 0440 totally off, KPQ/KBLU in weak. (RW-CA)
- 630 KHOW CO, Denver is still the station here. KHIH is the FM outlet, per call to station. (LG-MT)
- KCIS WA, Edmonds 11/19 1800 concluded weather & ID'd "This is KCIS Edmonds-Seattle." (LG-MT)
- 640 KGVW MT, Belgrade 11/24 0800 s/on (no anthem). (LG-MT)
- 950 KJR WA, Seattle 11/22 2231 ID as "Sportsradio 950, KJR." (LG-MT)
- 960 KNDN NM, Farmington was my uID of 11/17. Heard s/on 11/19 clearly at 0758 with anncr. overlapping SSB. Ment. 5kw. American Indian chanting followed. (LG-MT)
- 970 KNUU NV, Paradise 11/23 1900 on top with simple ID, then CBS news. (LG-MT)
- 990 KRKS CO, Denver 11/20 0859 ended hymn & ID'd as "AM 990, KRKS." (LG-MT)
- 1000 KKIM NM, Albuquerque 11/23 1905 ended USA Radio News and anncr. said "This is Forever Country for New Mexico, KKIM AM & FM." (LG-MT)
- 1010 KXEG AZ, Tolleson on top 11/23 1931 beginning relig. program from Living Steams Christian Church in Contact, AZ. No ID, I phoned station to confirm. (LG-MT)
- 1020 KDKA PA, Pittsburg MM 10/25 0355 good through KTNQ with local

- talk. Still trying for new Caribbean stations everyone's hearing. (TRH-CA)
- KCKN NM, Roswell was my unID talk-show of 11/12. ID'd 11/19 2029 during similar program. (LG-MT)
- 1030 KDUN OR, Reedsport 11/23 0800 snuck through KTWO with ID. Anncr. said "Home town country, this is KDUN, Reedsport," then news. In again with local ads 11/23 around 1930. (LG-MT)
- 1040 KEZF OR, Tigard 11/23 1921 gave ad for K-Love (apparently a network), then ID'd for KEZF-Portland and KRVC-730 Medford. Said "Great contemporary Christian music 24 hours a day." (LG-MT)
- ?KEZF?+11/21 possibly Christian music, then three different station ID's given, but not KEZF! (GJ-CA) (Time?--NH)
- CKST BC, Vancouver 11/22 0050 strong with easy listening music standards, different than rock. (GJ-CA)
- 1080 KVNI ID, Coeur d'Alene 11/19 1815 with ID "AM 1080 KVNI" amidst NOS music. (LG-MT)
- 1090 KYBG CO, Aurora 11/20 2254 ID as "K-Big" during Denver/MN hockey game. In again with ID for KBYG-FM in Castle Rock 11/21 0900. Had "The Money Manager" program at 0907. (LG-MT)
- 1220 KBET CA, Santa Clarita 11/22 0600-0630 strong with 50's & 60's music. Listed as 500 watts. (GJ-CA)
- 1280 KDOL NV, Henderson 11/8 2300 Spanish, ranchera type music, "This is KDOL Henderson Nevada" heard in "loud" Mexican type accent. (FA-ID)
- 1340 KTCR WA, Kennewick 11/21 1510 good on top with QRM from KWWX, with news, spots and RV talk show. (PM-OR)
- 1400 KJDY OR, John Day 11/21 1450 good on top briefly with woman with ID. (PM-OR)
- CIOR BC, Princeton 11/21 1410 fair with "OR" ID's, promo for station on 1340 (?). (PM-OR)
- 1480 CKER AB, Edmonton 11/23 2146 gave plug for program "The Bible Answer Man on CKER Radio." (LG-MT)
- 1490 KUGR WY, Green River 11/21 1801 ID'd in Spanish during ethnic program. (LG-MT)
- 1500 KMXO TX, Merkel 11/16 0820 fair, alone on channel with lots of slow English & Spanish ID's by man & woman. Spanish and C&W music. Still 250 watts per announcement after ID! New, TX #70. (TRH-CA)
- 1580 KBLA CA, Santa Monica not Santa Barbara as in DXM #1001. (GL-CA)
- 1610 TIS CA, San Francisco Int'l Airport in strong 11/20 1400 giving weather. (GJ-CA)

#### LOCAL NEWS

- 570 KLAC CA, Los Angeles per call to air personality around 11/15, change is to happen Dec. 5. Will be unusual for 2 adult standards on AM to be near each other on dial. 540 days has greater coverage, but 570 better for LA area listeners. Will be sad for a long standing country AM to change format. (GL)
- 1260 KJQI CA, Beverly Hills change of city of license from San Fernando. Taped legal ID's by announcer Gary Owens as "KJQI, Beverly Hills, KOJY, Costa Mesa at 540 and 1260, this is K-Joy." (SMM-CA)

#### DX TESTS

- 610 (KDAL) MN, Duluth 11/15 0100-0130 nothing heard. (FA-ID)
- 740 (KBOE) OK, Oskaloosa 11/21 0100-0200 nothing heard, KCBS dominant. (FA-ID)
- 910 (WHSM) WI, Hayward 11/6 0015 nothing heard, KALL dominant. (FA-ID)
- 990 (WCAZ) IL, Carthage 11/14 0100-0200 nothing heard. (FA-ID)
- 1210 (WILY) IL, Centralia 11/21 0230-0300 nothing heard. (FA-ID)
- +Not heard. Strong local KEBR even nulled, heard nothing. (GJ)
- 1220 KCCS OR, Salem 11/22 0300-0318 not strong as CJOC and some KDFC over a lot; code barely readable. (RCW-WA)
- +Fair to poor buried under KDFC. Mostly code ID's, EZL, Christian music. Unneeded. (PM-OR)
- +11/22 0330-0340 fair signal, heard 10 minute section of several code ID's, different pitch used each time. (FA-ID)

8



(KCCS)+11/22 0600 nothing heard. Instead heard KBET! (GJ-CA)  
 1250 KWSU WA, Pullman 11/20 0300-0400 fair signal, heard march music, several code ID's and talk of test for IRCA and BCB DX'ing hobby. (FA-ID)  
 +11/20 0302 Morse code "KWSU KWSU KWSU Pullman, Washington, KWSU KWSU KWSU," followed by notice of test. Code ID at 0310 and possibly 0320-0321. Signal very weak throughout test with UNID Spanish during listening period. New for me & WA #54. Thanks JD! (JSM-BC1)  
 +11/20 heard Morse code at 0345-0348. That was all I heard the whole hour! Strong interference from local KSAC-1240 Sacramento and KOIT-1260 San Francisco. (GJ-CA)  
 (KWSU)+11/20 0300-0330 not a trace but local KGY-1240 splatter was pretty heavy. (RCW-WA)  
 1270 ?WXYT? MI, Detroit 0130-0200 tent. heard some code from 0135-0135, too weak to make out. (FA-ID)  
 1500 (WFIF) CT, Milford 11/22 0530-0600 nothing heard, CKAY & KSTP fighting it out. (FA-ID)  
 1560 (KLTI) MO, Macon 11/20 0100-0200 nothing heard. (FA-ID)  
 1570 (KMCD) IA, Fairfield 11/13 0100-0200 nothing heard. (FA-ID)

UNID

1510 11/19 2247 Spanish speaker ID'ing as "KVAM Estereo," or something like that, under KGA. (LG-MT)

It's nice to see the long list of DX tests this week. Hope everyone is trying for them!

# IRCA CONTESTS

Nancy Hardy, 2301 Pacific Ave., Aberdeen, WA 98520

## Contest standings as of Nov. 15, 1993:

DX Partners		States/Provinces		Top 100	
Team	Points	DX'er	Points	DX'er	Points
1) Johnson/Straus	162	1) Carl DeWhitt	735	1) John C. Johnson	13
2) DeWhitt/Hardy*	121	2) Nigel Pimblett	128	2) Mike Sanburn	5
3) Pimblett/Sanburn	88	3) John C. Johnson	33		
		4) Mike Sanburn	6		

\* Bill Hardy is ineligible for prizes, but his points will count towards his DX Partner.

Foreign		Capitals	
DX'er	Points	DX'er	Points
1) Elliot Straus	126	1) Paul Swearingen	27
2) Larry Godwin	31	2) Nigel Pimblett	5
3) Mike Sanburn	5	Mike Sanburn	5
		4) John C. Johnson	4

It's not too late to enter any or all of the 1993-94 DX Contests. **There is no fee to enter IRCA Contests.** See the Sept. 18th issue for all the rules. Just remember to send your loggings for each month by the 10th of the following month. You can still enter DX Partners if two of you enter as a team.

One contestant wrote, "I've heard and taped two new stations as a direct result of this contest. So it's worth the time."

Let's see your name in these standings next month! -- 73. Nancy.

## IRCA Stationery

Black on white masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order yours today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

# Central DX Roundup



John C. Johnson  
979 Neptune Boulevard  
Billings, Montana 59105-2129

 **PRODIGY**  
MPNN49A

## FOR THE RECORD

REPORT ALL TIMES AS EASTERN. E-MAIL: JOHNJ53816@AOL.COM DEADLINE: SATURDAYS.

## RIDING GAIN

- [SA-MB] **Shawn Axelrod**, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9  
Icom IC-R70 with PLAM board and 4kHz filter, 4-foot box loop, 100' wire.
- [KDF-IL] **Karl D. Forth**, 2444 West Belle Plaine, Chicago, Illinois 60618  
Icom IC-R70, Hammariund HQ-160, spiral loop, 75' longwire.
- [TJR-IL] **Thomas J. Reiser**, 9506 South Winchester, Apt. 205, Chicago, IL 60643-1109  
Sony ICF-2003 with built-in antenna.

## SPECIAL INTEREST

- 1340 **CJCM** **AB**, Grand Centre. **EX-CHLW-1**. 11/21 good. 0730 with "Oldies Coast To Coast."  
Thanks to Nigel Pimblett for the call change tip. [SA-MB]

## DOWN THE DIAL

- 540 **CBK** **SK**, Regina. 11/17 poor, w/WYLO. (No time noted) CBC Radio program on  
Canadian public sector unions. Also CBC News. [TJR-IL]
- 580 **CKWW** **QN**, Windsor. 11/15. 0210 with "Music Of Your Life," station promo, several IDs.  
First time heard here. [KDF-IL]
- 730 **CJNR** **ON**, Blind River. 11/17 poor, briefly o/WGN-720 splash. 0105 with oldies. New  
logging for me. [TJR-IL]
- 750 **CKGB** **ON**, Timmins. 11/15 on top w/WSB. 0150 with "Today's hot new country, 7-50  
CKGB." Never heard before at this time. [KDF-IL]
- 1050 **CKSB** **MB**, Winnipeg. 11/17 fair to poor. (No time noted) FF talk, jazz. [TJR-IL]
- 1070 **CKOK** **QN**, Sarnia. 11/17 fair to poor. 0115 with spot for Birchwood Mall. [TJR-IL]
- 1230 **CJOK** **AB**, Fort McMurray. 11/21 good. 0710 with C&W music. "Today's Country CJOK" ID  
[SA-MB]
- 1240 **CJNS** **SK**, Meadow Lake. 11/21 good. 0825 with C&W music, "CJNB C.JNS" ID. [SA-MB]
- 1310 **KOKX** **IA**, Keokuk. 11/13 very strong. 1837 with want ad, station promo, and an ID. Not  
needed. [KDF-IL]
- 1340 **CKNR** **ON**, Elliot Lake. 11/17 poor. 0107 with oldies ||CJNR-730. [TJR-IL]
- 1450 **KATE** **MN**, Albert Lea. 11/13 in WCEV null. 1800 with call letters only. Ai news. Other  
KATE mentions at 1805. Also heard 0049 w/pop music & ID on 11/16. [KDF-IL]
- WRCO** **WI**, Richland Center. 11/13 fair to good. 1900 with an oldies show, Dual AM-FM ID.  
[KDF-IL]

## DX TESTS

- 610 **KDAL** **MN**, Duluth. 11/15 DX Test heard o/WTVN/WIP. 0108-0130 with oldies, code and  
voice IDs. Signal disappeared in middle of a song at 0130. [KDF-IL]
- 740 **KBOE** **IA**, Oskaloosa. 11/21 DX Test heard poor. 0136-0158 with TT and code IDs.  
[KDF-IL]
- 1270 **WXYT** **MI**, Detroit. 11/15 DX Test. 0152 with code ID noted after "regular" ID, also heard  
during RS before 0130 test start time. [KDF-IL]
- 1500(WFIF) **CT**, Melford. 11/22 DX Test not heard here, only KSTP and lots of XEAL. [SA-MB]
- 1560(KLTI) **MO**, Macon. 11/20 DX Test not heard here, only KAAA and KCJJ. [SA-MB]

CDXR Continued....

## 25 YEARS AGO

December 14, 1968 issue of IRCA's "DX Monitor"...Bill Nittler of Englewood, CO mentioned his verie from KGYN-1210 said his was their first report...Larry B. Godwin of Englewood, CO mentioned daytime loggings at noon of CA stations such as KFMB-760....Stanley Garfield of Tenaflly, NJ mentioned he was 15 and in one year of DX has 25 states verified....Dave Rogers of Alva, OK mentioned he was working at KALV. Dave also mentioned he has 43 states verified.

## OPEN MIKE

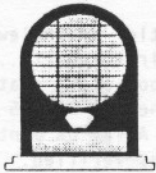
If at first you don't succeed you're running about average. Karl mentioned he was in Billings in July. Sorry I missed you, Karl! Too bad you couldn't have made it in June for the convention! 73, John-John.

# Geomagnetic Indices

+	high point	mas	major storm	SA	solar activity
-	low point	mif	minor flare	spe	satellite proton event
GEO	geomagnetic activity	mis	minor storm	ss	severe storm
maf	major flare	pca	polar cap absorption		

### Geomagnetic Summary October 4 1993 through October 31 1993

Date	FLUX	A	K	SA	GEO	OTHER
10/ 4	121	5	1	low	quiet	-
5	124	5	3	low	quiet-unsettled	-
6	118	10	1	low	quiet-unsettled	-
7	117	2	1	low	quiet	-
8	113	14	4	low	quiet-active	-
9	110	30	4	moderate	unsettled-mas	mis 0600
10	107	22	3	low	unsettled-active	-
11	103	21	4	low	unsettled-active	-
12	98	14	4	low	quiet-unsettled	-
13	95	11	1	very low	quiet	-
14	91	6	1	very low	quiet	-
15	94	2	0	very low	quiet	-
16	91	3	3	low	quiet	-
17	90	5	1	very low	quiet	-
18	87	6	1	very low	quiet	-
19	89	6	1	very low	quiet	-
20	94	3	3	low	quiet	-
21	95	5	3	very low	quiet-unsettled	-
22	92	12	1	very low	quiet-unsettled	-
23	92	11	4	very low	unsettled	-
24	92	6	2	low	quiet	-
25	87	25	2	low	quiet-mas	-
26	89	17	4	low	quiet-mis	-
27	87	34	3	low	unsettled-mis	-
28	88	16	2	low	unsettled	-
29	92	8	1	very low	quiet	-
30	91	2	0	low	quiet	-
10/31	91	4	2	low	quiet	-



# Eastern DX Roundup

Leonard Hyde  
1805 Whipple Drive #27  
Blacksburg, VA 24060-2436

## \* CHECKING IN THIS WEEK \*

- (MB) Mike Brooker-99 Wychrest Ave-Toronto M6G 3X8 ON: Panasonic RF-2200, Sony ICF-7600D  
(MH) Mike Hardester-3118 Gaitway Ct-Jacksonville NC 28546: ICOM R-70, Radio West loop  
(LH) Lynn Hollerman-514 Carrsbrook Rd-Huntsville AL 35803: DX-440, 70' longwire, MFJ-956  
(JD) J. D. Stephens-3715 Conger Rd SW-Huntsville AL 35805: Panasonic RF-2600, Sony ICF-2001, wires  
(KJZ) Karl J. Zuk-Croton-On-Hudson NY: Teletone 100, built in loop  
(ed) the editor at home with Chrysler digital car rx, R-392, 2' box loop, Autek QF-1

## \* HOT TIPZ \*

- 1000 WMVP IL, Chicago (Here's the answer to J.D.'s anomaly! -ed) Sa 11/6 1853 w/ID as "Sports 1000 WMVP." Ohio State vs. Wisconsin football. Su 11/7 0300. w/classic rock, ID as "WLUP 97.9" obviously simulcasting their FM. NOT 24 hr sports, unless listening to beer swigging 70's era heavy metal rock is considered sport, hi! (MB)  
1190 WANN MD, Annapolis Th 11/11 0730 fr in WOWO null w/C&W mx. ID as "Big Country 1190." Into "the latest WANN information update," lcl nx and Baltimore traffic rpt. When did they go from black/urban to C&W? (MB)  
++ Th 11/25 1557 poor w/WBDY phased. C&W mx, "WANN" IDs. New. I couldn't find any info on this format change either. (ed)

## \* AROUND THE DIAL \*

- 590 WPUR NY, Purchase Th 11/18 1730 carrier current stn with gushing leaks: hrd over 10 miles from the SUNY at Purchase campus w/progressive rock mx. Gave phone # "6599." Hrd in car. (KJZ) (the carrier current stn at Virginia Tech on 640 has trouble getting out of the WALL! -ed)  
610 WDAF MO, Kansas City Mo 11/15 0042-0046 temps, C&W mx. ID as "61 Country. (LH)  
KARV AR, Purcellville Mo 11/15 0057-0100 "Pick 6" lottery #s, ID 0059. into ad for soil consevation service. (LH)  
740 KRMG OK, Tulsa Su 11/21 0042-0046 very strong w/Talknet. Some QRM. S/off at 0106. (LH)  
CBL ON, Toronto Su 11/21 0107-0111 ments of ON, then "You're listening to the Canadian Broadcasting Company..." & other info abt CBC stns leaving the air at this time. "O Canada" played. Good signal. (LH)  
KTRH TX, Houston Su 11/21 0113-0129 talk show abt NAFTA. Ads, CBS nx, then 0129 ID "...on AM 740, KTRH, Houston's news radio." (LH)  
750 WMXH PA, Olyphant-Taylor Sa 11/6 1300 ex-WWAX w/new ownership. They're big on polkas - 4 hr show Saturdays, & 10 to noon weekdays. AC format, "The Music Mix" and "Our music is all mixed up." Fair signals. (KJZ)

12



760 KMTL AR, Sherwood Fr 11/26 1730 poor in WJR null w/oldtime GOS mx. Spot for Uncle Bob's Restaurant, then promo for something "every morning from 6:15 to 6:45 on KMTL." New, not expected. (ed)

770 WCGW KY, Nicholasville Fr 11/26 1638 poor, in/out mixing w/WABC & unID blues stn. Spot for Gospel Book Store in Lexington. New. (ed)

WLWL NC, Rockingham Fr 11/26 1642 up w/spot for a furniture store in Rockingham. "77-WL" ID, into C&W. New. (ed)

800 WTMR NJ, Camden We 11/10 0659 gd o/CKLW/CJBQ w/promo for Christian Business Guide. ID a/0700 as "WTMR, Camden NJ - Philadelphia: where the Master reigns at 800 on your AM dial, your favorite inspirational radio station." Into Pastor Bob Palmer program. (MB)

810 WSHF GA, Hahira Sa 11/13 1903 s/off, no SSB. Weak. (LH)

WGY NY, Schenectady Su 11/14 0051 "WGY forecast." Weak, SS QRM. (LH)

830 WCCO MN, Minneapolis Su 11/21 0054 "Give 5" ad, long distance ad, ID. Caller from MT. Wavering signal. (LH)

840 WHGH GA, Thomasville Fr 11/26 1700-1710 good w/WHAS phased. "American Urban News Network," then birthday ancmts. Into urban version of "Up On The Roof." (ed)

850 KOA CO, Denver Su 11/21 0056 Planned Parenthood ad. "...on Newsradio 850, KOA." Into talk show. Dominant. (LH)

970 WWYO WV, Pineville Mo 11/22 1820 fair w/WAVG phased. C&W mx, "It's 20 after 6 on WWYO." (ed)

WFUN OH, Ashtabula Mo 11/22 1823 in/out w/RO mx, spot for a building supply company in Ashtabula. (ed)

1000 WMVP IL, Chicago Su 11/14 0132 sports talk show "Costas Coast To Coast." "Sports 1000, WMVP, Chicago's new sports leader. (LH)

1090 WKFI OH, Wilmington Fr 11/26 1620 briefly xInt. "WKFI - where We Keep Farmers Informed." Into McDonalds spot, gone. New. (ed)

1140 CJTR ON, Trois-Rivieres Mo 11/22 1747 fair w/FF tx, ments "CJTR" in FF. (ed)

KPWB MO, Piedmont Mo 11/22 1750 poor in WRVA/CJTR null w/C&W mx. "KPWB - ?? FM - 1140 AM." New. 1000 watts!!! (ed)

1160 WAMB TN, Donelson Mo 11/22 1942 blasting in w/spot for Nashville Symphony. "The bright & beautiful sounds of 'The Music Of Your Life' right here on WAMB." (ed)

1170 WCLN NC, Clinton Fr 11/26 1552 fair w/WWVA phased. Spots for Clinton businesses, into REL tx. Rare, usually have the Claremont NC stn. (ed)

WLGO SC, Lexington Fr 11/26 1545-1605 hrd CLs in mess several times, also a "WLGO Columbia - Lexington" ID. (ed)

1180 WFGN SC, Gaffney Fr 11/26 1539 good w/spot for gospel mx tapes, CDs and LPs at "the 1180 Music Center." IDs as "1180, your spiritual friend." Blk GOS/REL prgming. (ed)

1200 WGNV NY, Newburgh Mo 11/22 1930 fair w/"WGNV Weather," into spots. "Spread the word, tell a friend about WGNV." Into "You Don't Bring Me Flowers." (ed)

1250 WTAE PA, Pittsburgh Mo 11/15 2102 Steelers football, good. (KJZ)

KVRB AR, Little Rock Sa 11/20 0309-0320 fair w/simo of FM. Top 40 mx, ments of Little Rock. Frqt "Z-98.5" slgns. New. (JD)

1270 WKBF IL, Rock Island Mo 11/15 0135-0200 "At least 10 in a row," "Real Country WKBF" IDs. C&W mx. Fair. (LH)

1290 CJBK ON, London Mo 11/15 2100 Oldies Coast to Coast, and CTV nx. Strong. (KJZ)

1320 WJAS PA, Pittsburgh Mo 11/15 2040 New for me, with MOR instrumentals and vocals. Fair. (KJZ)

1330 WKTA IL, Evanston We 11/17 0800 gd o/pest WEYZ w/triple-header ID: "WKTA Evanston, Northbrook, Chicago." Into USA Radio nx. Have hrd in several previous call letter incarnations: QSLd as WSSY in 1988. (MB)

1350 WOYK PA, York Mo 11/15 2030 ID w/ment of Pittsburgh Pirates coverage. Country mx, strong. (KJZ)

KRNT IA, Des Moines Mo 11/22 1825 fair u/WSMB w/nx promo: "...keep you up to date...latest news...1350 KRNT." (JD)

1380 WQHK IN, Ft. Wayne We 11/23 1520 up w/wx: "Right now in Ft. Wayne with cloudy skies it's 41 degrees." Into C&W mx. New. (ed)

1390 WMTS TN, Jackson Th 11/11 1926-1930 "Your original hits station. WMTS." (LH)

- WMPO OH, Middleport We 11/23 1420 fair w/spot about cranberry bogs in Portage Co. Into GOS mx. There most days w/the Lynchburg stn silent. (ed)
- WNLB VA, Rocky Mt. We 11/22 1530-1610 this semi-lcl stn IDs ONLY as "B-99.9" & "WZBB FM." even at TOH. My ears perked up when I heard a promo for "The Jack Armstrong Show at 4" but it wasn't him (see Headlines From HQ for explanation.) (ed)
- 1430 WEIR WV, Weirton We 11/23 2036 in/out, at times xlnt w/RO mx. "1430 WEIR." (Someone in jumble yelled "your LE-E-E-ADER!" Big Jack style, a phrase I have not heard on radio in 20 years!) New. (ed)
- 1510 CKOT ON, Tillsonburg Fr 11/26 1530 up w/Tom Petty song, TC. "Now here's the Steve Miller Band on AM 1-51, CKOT." Into "Swingtown." New, and much wanted. (ed)
- 1520 WKZQ SC, Myrtle Beach Fr 11/26 1535 "We don't talk over your favorite music: WKZQ, the home of rock and roll." (ed)
- 1540 KTNO TX, Ft. Worth We 11/10 1957-2000 strong at times o/ZNS-1 w/ranchera mx. S/off mentioning their slgn, "Tejano 1540." (JD)
- 1550 WBSC SC, Bennettsville We 11/10 1941 strong w/talk abt Marlboro County football. Promo for WBSC turkey hunt contest. Wx. (JD)
- WARD PA, Pittston We 11/23 1500 in o/WKBA w/"WARD Weather," then into nx. ID: "WARD - Pittston, Scranton, Wilkes-Barre, Hazelton." New. (ed)
- 1560 WQEW NY, New York Sa 11/20 0123-0148 good, mixing w/WPAD. BBD mx, wx, frqt "1560 WQEW" IDs. Slgns: "Your home for American popular classics - 1560 WQEW" and "We've got your music. Your radio station - 1560 WQEW." (JD)
- WCNW OH, Fairfield We 11/23 1508 good w/REL programming, "1560 WCNW" ID. Into C&W GOS song. New. (ed)
- 1570 CFOR ON, Orillia Mo 11/22 1648-1653 up and down w/C&W mx. Also, a rundown of the stn's "twins": hrd only "CHEC" & "Missisauga." "Kicks FM" IDs, and spot for Orillia Square Mall. Soon will be gone forever to FM. (ed)
- 1580 WPGC MD, Morningside Fr 11/19 0640 "The Capitol District's business news leader, WPGC." (KJZ)
- 1590 WGGO NY, Salamanca Mo 11/22 1630-1640 on top w/jx: "WGGO" and into Four Tops song. Spots for Salamanca businesses. New. (ed)

\* DX SPECIALS \*

HEARD:

- 610 KDAL MN, Duluth Mo 11/15 DX test hrd - full IDs and code. (LH)  
 ++ 0111-0128 caught several quick code IDs (they speeded up the code tape we sent them!) as well as oldies mx. (JD)
- 740 KBOE IA, Oskaloosa Mo 11/21 0100-0200 NRC DX TEST hrd, w/code IDs many times. (LH)  
 ++ thx to a tip from Tom Bryant, wk code string hrd after KRMG & CBL s/off at 0110. (JD)
- 910 WHSM WI, Hayward Tu 11/9 0015-0045 only tent code IDs 'til 0035, when caught several code IDs until 0045, giving CLs many times. (JD)
- 1210 KREW WA, Sunnyside Sa 11/6 0300-0330 several lengthy code IDs, ment Sunnyside, and the CLs several times. Snippets of march mx hrd too. (JD)
- 1270 WXYT MI, Detroit Mo 11/15 hrd - code at 0053. (LH)  
 ++ 0152-0158 caught two really quick code IDs, but nothing else. CLs only hrd. (JD)

TENTATIVE:

- 1250 KWSU WA, Pullman Sa 11/20 0300-0400 poss code IDs hrd several times, plus TTs. Under strong TTs from unID stn, both looping W. (JD)

NOT HEARD:

- 1220 KCCS OR, Salem Mo 11/22 0510-0535 NRC DX TEST not hrd, noted only WKNR, and unID w/NC News Network (WENC listed.) (MH)  
 ++ 0300-0900 not hrd. (JD)
- 1370 KFJM ND, Grand Forks Sa 11/6 0100-0130 not hrd. (JD)
- 1500 WFIF CT, Milford Mo 11/22 0530-0600 CE called me 4 days before the test to say it would not run. A no-show. (JD)

++ 0535-0550 not hrd. WTOP was dominating the freq. Could partially null WTOP, but only a weak UNID to the NW/SE noted. (MH)  
1560 KLTI MO, Macon Sa 11/20 0100-0200 NRC DX TEST not hrd. (JD)  
1570 KMCD IA, Fairfield Sa 11/13 0100-0200 NRC DX TEST not hrd. (JD)

\* WHO DAT? \*

610 KILT? TX, Houston Mo 11/15 0126 "Hello, you're on KI?" to caller from "New Canaan." (New Caney is outside Houston.) (LH)  
990 WHO0? FL, Orlando Su 11/14 0101-0121 lots of CHR mx. Several IDs lost in mess. Ments of this stn // 96.5 FM. (LH) (pretty likely it's them, Lynn. -ed)  
1120 WADN? MA, Concord? Tu 11/9 0700 pr-fr in KMOX/WHTT null w/nx in FF, NOT // CJBC-860 (rules out spur or image) and there are no Canadian stns on 1120. Perhaps ethnic format WADN? (but how many FF speakers could there be in Concord MA?) (MB)  
1270 KESS? TX, Ft. Worth Su 11/15 0155 w/slgn, ment of "McAllen, TX" in SS. (LH)  
1290 WJZR NC, Jacksonville??? We 11/23 1515 up briefly with ment of "the 60s, 70s, 80s & 90s," and ment of Wilmington. ID as "WJZR." I have the Jacksonville stn as WJCV. Good thing we have an "on the spot reporter," hi. (ed)  
1600 KATZ? MO, St. Louis Fr 11/26 1501 popped up out of mess w/rpt about how bad wx was NOT affecting first day of Xmas shopping "here in St. Louis area." Tentative. (ed)

HELP:

1180 WHJM TN, Knoxville Mo 11/22 1800 xltw w/"Solid Gospel" format: no doubt the editor's 9/29 UNID. I do not know if the stn is on AN now, or if that was a fluke. (ed)  
1610 WTAT FL, Anastasia State Recreation Area A ltr from Todd Roberts in SC says he has hrd this stn w/a tape loop closely approximating my "WPAT" UNID hrd 10/25. An inquiry has been sent, and my thx to Todd for his help. (MH)

\* OTHER STUFF \*

\* HEADLINES FROM HQ \*

Thanks to Mike B., Mike H., Lynn, J.D. & Karl for supporting EDXR this week.

Till next time, 73/gud DX de LLH. (28)

\* DX RECORDS \* One DXer's legacy...

REPORTER: TIMOTHY R. HALL      DATE OF REPORT: 11/20/93  
LOCATIONS: Chula Vista CA      STARTED DXing: 1972  
YRS SERIOUSLY? 10      COUNT CALL CHANGES? NO

HEARD/VERIFIED:

TOTAL CCB: 1116/-	US: 748/-	CANADA: 44/-
MEXICO: 236/-	FOREIGN: 88/-	STATES: 38/-
PROVINCES- CANADA: 6/-	MEXICO: 18/-	DC? Y/-
COUNTRIES: 31	MOST HEARD: CA-245	

BEST CATCHES:

DOMESTIC: HEARD: WHEZ-1560 Portage MI  
CANADIAN: HEARD: CJRB-1220 Boissevain MB  
MEXICAN: HEARD: XEIN-810 Cintalapa, Chiapas  
FOREIGN: HEARD: CB84-840 Santiago, Chile

TOTAL GY HEARD/VERIFIED: 97/-

1230: 18/-	1240: 14/-	1340: 18/-
1400: 18/-	1450: 16/-	1490: 13/-

Tim noted that he hasn't counted his veries totals lately, so they are not included. Thx, Tim, for kicking off this new season for DX Records.

15



QSL

# VERIFICATION SIGNERS

Stephen S. Howe  
9 Warner Drive  
St. Albans, VT 05478-1575

My deadline is the last Friday of the month, unless indicated otherwise.

**Contributors:**

GVJ Gary V Jackson, 7735 Center Parkway, Sacramento, CA 95823  
 PM Patrick Martin, P O Box 843, Seaside, OR 97138  
 TJR Thomas J Reiser, 9506 S Winchester, Apt 205, Chicago, IL 60643-1109  
 RS Randy Stewart, 4225 W La Casa, Springfield MO 65802-5615  
 ERS Elliot R Straus, 980 Cooper Dr, Toms River NJ 08753

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
530	TIS	Judy Van Austin, DirPromo & PubRel	Oakland Alameda County Coliseum 7000 Coliseum Way Oakland CA 94621-1918	L	8	GVJ
	WNSB415	John Schmidt	Office of Telecommunications Calif Dept of Transportation P O Box 942873 Sacramento CA 94273-0001	L	245	GVJ
540	CJSB	Jeff Ruck, CE	1504 Merivale Rd Ottawa ON K2E 6Z5	L+	30	ERS
640	KFI	Marvin Collins		Q	8	TJR
700	WCAT	David G Anthony, PD	P.O Box 90 Orange MA 01364*	Q	10	ERS
720		Kepala Seksi Siaran, Dir	RRI Ambon-Departemen Penerangan R. I. Ambon, Indonesia	Q	482	PM
750	CKGB	Chris Ruscka, GM	P O Box 1046 Timmons ON P4N 7H8	L	18	ERS
760	WCHP	Teri Billiter, GM	P O Box 888 Champlain NY 12919	L	6	ERS
800	PJB	Sally Rork	English Section, Trans World Radio Bonaire Netherlands Antilles	Q++	24	TJR
810	WYRE	David Schmidt, E	112 Main St Annapolis MD 21401	L	fff	ERS
840	WKTR	Tina A Deane, Mgr	P O Box 309 Quinque VA 22965	L	6	ERS
870	WKAR	Gene Purdum, Prod	283 Communications Arts Michigan State Univ E Lansing MI 48824	L	12	ERS
890	XENZ	C P Pablo Perez Ramirez, VP	Calzada Insurgentes Sur No. 334, 2do Piso-A Edificio Promomedios Culiacan, Sinaloa, Mexico**	L	58	PM
918	JOWS	<i>No signer</i>	Sapporo TV Broadcasting Co Kita1 Jo Nish 8-1-1 Chuo ku-Sapporo 060, Japan	LQ	12	PM
920	KCPL	Dan Mason, PD	P O Box 48 Olympia WA 98507	L+	40	PM
981	DYBQ	Cora Panierno, Anchor	Intercontinental B. C. Corp 4th Floor, UEC Bldg Mapa-J. M. Basa Sts Iloilo City, Philippines	L	19	PM
1040	KEZF	Richard Jenkins, GM	1425 N Market Blvd #9 Sacramento CA 95834	L	33f	PM
1100	WKYR	Russell M Brady	P O Box 1100 Wells River VT 05081	L++	32	ERS



FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1120	WADN	Holley Ann Cannon	Damonmill Square Concord MA 01742	L+	f	ERS
1140	KRAK	Bruce Hirsh, CE	1436 Auburn Blvd Sacramento CA 95815	R+	8	TJR
1143	DWVA	John W Daniels	Voice of America Washington DC 20547	Q	41	PM
1150	WELC	John Sidote, COperator	Box 949 Welch WV 24801	L+	13r	RS***
1170	WDIS	Albert E Grady, P	100 Pond St Norfolk MA 02056*	L	8	ERS
1190	KFEZ	Fred Frank, CE	8826 Santa Fe Dr Overland Park KS 66212	L+	187f	PM
1270	WXYT	Daniel Schwanitz, CE	15600 W Twelve Mile Rd Southfield MI 48076	L+	12	ERS
	CHAT	Joel Simmons, CE	1111 Kingsway Medicine Hat AB T1A 7H5	L+	14	PM
1360	WNJC	Augustine M Cawley	P O Box 5500 Deptford NJ 08096	L	6	ERS
1440	KVON	Michael Martindale, CE	1124 Foster Rd Napa CA 94558	LQ	7	PM
1450	KAVA	John Morehouse, PD/CE	P O Box 666 Burney CA 96013	L	217f	PM
1510	CKOT	Robert Lamers, E	Box 10 Tillsonburg ON N4G 4H3	L	11	ERS
1540	WYNC	Jeff Moore, VP	P O Box 670 Yanceyville NC 27379	L	7	ERS
1550	WRDM	Lucio C Ruzzier, P	886 Maple Ave Hartford CT 06114	L	10	ERS
	WBSC	<i>No signer</i>	Broadcast House, 226 Radio Rd Bennettsville SC 29512	R	30	TJR
1580	WDAB	Michael M Adamson, GM	P O Box 25276 Greenville SC 29616	L++	5	ERS
1590	WCBG	Michael H Bader, P	P O Box 92 Mercersburg PA 17236	Q	45f	ERS
1600	WBBD	Robert O Backstrom, DoE	98 16th St Wheeling WV 26003	L+	9	ERS
1610	WNQS653	John Schmidt	Office of Telecommunications Calif Dept of Transportation P O Box 942873 Sacramento CA 94273-0001	L	183	GVJ

WHAT was received: L = Letter; Q = QSL card; P = Prepared card supplied by DXer; R = DXer's letter returned with statement; M = Coverage map; B = Bumper or other sticker; + = Extra goodies  
 \* [for this report] = Zip codes for WCAT-700 and WDIS-1170 pulled from the NRC log; \*\* [for this report] = See comment below; \*\*\* [for this report] = See comment below

WHEN the reply came: Number of days elapsed; f = Follow-up; n = Return postage not used; r = Return postage returned

I hope I got the punctuation correct on Patrick's tip for XENZ-890, since I don't understand Spanish, hi. Tom Reiser also sent in a tip for the WELC-1150 DX test. Both he and Randy reported receiving a large "Monitoring Report Confirmation" certificate along with their letters. Welcome back to the column, Randy! This column was prepared on 11/27/93. 73, SSH



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# Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Gary Larson, 2806 Lincoln, Burbank CA 91504

818-842-7200 & 846-5540

[11/18] Hi again. I called request number of KLAC 570 and asked about format change and air personality says the date has been moved to Dec 5. I'm hoping to record the change. In DXM 1001, I saw in WDXR that I put KPLS as 850 call - believe KCTQ is still used. Noticed also on 540, KJOY was listed...should be KOJY. Interesting 540 and 570 will have similar formats - I think 540/1260 KJOY will be more popular. 73

### Your Editor

Submittals continue to be few and generally from the same *small* group of contributors. Let's not all wait until the anniversary issue....please!? Leonard Hyde - thanks for the QF-1A operating tip... you very well may be right 'cause it seems to work best for me, too. Bill Hardy - sorry, but due to a variety of reasons, I don't presently have an internet access. I have been looking into various services and maybe in a year or so? In the meantime, forumers (??) can sent the contributions on DOS-formatted disk - WordPerfect or ASCII only, please. Of course the cost of mailing is higher ... and I don't mind re-typing your stuff (It's only a hassle at anniversary issue time). 73, Reid.

----- 31-13 -----

### Geomagnetic Summary October 31 1993 through November 27 1993

Date	FLUX	A	K	SA	GEO	OTHER
10/31	91	4	2	low	quiet	-
11/ 1	91	7	1	low	quiet	-
2	93	3	0	very low	quiet	-
3	94	8	5	low	quiet-mis	-
4	96	40	2	very low	unsettled-mas	mas 2400
5	96	20	3	very low	quiet-mis	end mis 0600
6	97	21	4	very low	active	-
7	95	18	3	very low	quiet-active	-
8	92	14	3	very low	unsettled	-
9	90	8	3	very low	quiet-unsettled	-
10	90	9	0	very low	quiet-unsettled	-
11	89	4	2	moderate	quiet	-
12	91	4	2	moderate	quiet	-
13	94	9e	2	low	quiet-unsettled	-
14	94	9	2	low	quiet-unsettled	-
15	102	8	2	very low	quiet-unsettled	-
16	100	7	3	low	quiet-unsettled	-
17	100	5	1	very low	quiet-unsettled	-
18	103	16	6	low	quiet-active	-
19	101	20	3	low	quiet-storm	-
20	100	7	2	low	quiet-unsettled	-
21	97	4	1	very low	quiet	-
22	99	3	2	low	quiet	-
23	100	4	2	very low	quiet	-
24	100	2	1	low	quiet	-
25	97	3	2	low	quiet	-
26	93	9	1	low	quiet	-
11/27	90	2	0	very low	quiet	-

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EASTERN

DX

FORUM

DEADLINES: SATURDAYS

Richard C. Evans  
P.O. Box 21883  
Milwaukee, WI 53221-0883

Phone: 414-Atlantic 2-9035

Karl J. Zuk, 154 Old Post Road, Croton-on-Hudson, New York 10520

(...continued from last week) Other news: the FCC finally has set an AM stereo standard. They chose the awful Motorola spin-around-your-head C-Quam system. Unless the signal you're picking up is perfect, the phase shifting you get from side to side will make you nuts, especially with headphones. I think Leonard Kahn is a latter day Armstrong, but almighty dollar won out. How sad! I've heard WQXR at many hundreds of miles away in Kahn AM stereo, and it sounded great. I think Kahn stereo, compared to FM multiplex, is actually superior in cars because of the lack of multipath problems. The new 535 kHz from Turks and Caicos is blasting in here every night. It's slightly off frequency, since I hear a slightly different frequency het on 530 than on 540. I enjoyed talking to Pat Martin about it. Pat said "What het?" He is so used to listening with a 2 kHz or less bandpass, that this high frequency stuff just gets by him! His DX lately has been awesome, but the East Coast is also amazing. Don't you love listening to solid SRS and SSS to and from work? I've been getting 1375 like a local from off the Canadian coast, and I've heard all sorts of hets in the car from the European splits, especially 1521. I also discovered a revived daytimer on the air recently. WMXH in Olyphant-Taylor, PA, near Scranton and Wilkes-Barre has reappeared with a very homey Ma and Pa sound. They mix polkas with popular standards like Ray Coniff and Nat King Cole. A very local sound, with lots of effort put into community service. It's so nice to hear that kind of home brew feel! Look for them on 750 kHz. They are 1600 watts ND, but they get out pretty well. Finally, I caught a pirate or two on 1620 recently. "The Voice of the Rainbow" was on with some weird radiophile stuff one night. Old clips about radio and old shows. Halloween's big broadcaster was "WPBS" Pirate Broadcasting System, from Trenton, NJ. Your usual Led Zepplin, Jethro Tull, really loud and pointless puerile piracy. The night before, I caught someone on that was all distortion, with more FM than AM. Just noise! and now, the end of my noise! Write if you like to tinker with 5 tube radios. I'd like to hear your ideas. Good DX and enjoy the season! 73 de KZ. (Karl, I still have good memories of an old 3 tube radio from 30 years ago--rce)

R.C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016

I picked up copies of "Then & Now", a pulp paper issued by WAVG-970 for its 60th anniversary on Dec. 30, 1993. Historical article says the station can trace its origins to 1915 and amateur station 9LK operated by M.V. Jordan. In 1933, George Norton bought WFIW, Hopkinsville, KY and changed the call to WAVE when he moved it to Louisville. Power increased to 5kw in 1940 and frequency was changed from 940 to 970 in 1941. WAVE-TV3 kept the call when the stations were sold separately in the early 1980s. WAVG broadcasts BS news, the ABC/SMN Stardust format taken from sister station WXVW-1450 (now Pure Gold) and simulcasts the 1800 WHAS-TV11 News. Sports are Indiana University football/basketball and Louisville Redbirds baseball. WXVW took Cincinnati Reds baseball, but WAVG also carries some games. Will have complete coverage of the 1994 Winter Olympics in February. Today (Thanksgiving Eve) on Horizons (Public Radio) was "Spin Doctors of the Blues: Early Deejays". This was about the mostly black broadcasters who began airing the Blues and R&B in the 1940s and 50s. I am sort of a history buff and like several kinds of music, so this station was enjoyable. Old Col. DX hopes all of you had a good Turkey Day and will have a pleasant holiday season.

S.D. Warren, 1253 CR90, New Albany, Mississippi 38652

Hello from north Mississippi. Since we now have a member in Jackson, I can only claim half of the state (hi). Perhaps someday my coverage area will be reduced to Tupelo-New Albany if IRCA continues to

grow. (S.D., I've been kicking around the idea of applying to a trucking company in New Albany, hi--rce) I have been inactive all summer except for FM DXing. Because of a new job and an ailing receiver, I have not done much DXing this season except for trying for those DX tests. J.D. Stephens is trying to top the 1992-93 season it appears. I'm proud to see a few tests scheduled for Saturdays this season. It's better to work a half day without a good night's sleep than a full day. A new station began operating here this summer. WWDF-720 Richland finally came on the air with Black religious programming. WWDF can be heard here with a signal that only a DXer can appreciate (hi). WSEL-1440 Pontotoc is silent again with 96.7 still operating. Maybe the owners decided to drop the AM. WKZU-102.3 Ripley is back but 1260 isn't. WTUP-1490 Tupelo returned to full operation early this year. I still can hear other stations at night by sunrise and sunset DX on 1490 are history. It was great while WTUP was off. DX tests heard here are WQKR-1270, KRZN-760, WELC-1150, WAGL-1560, KATL-770, WDLM-960 and for the first time since 1977, a new station from Washington -- KREW-1210. KREW was a real surprise because I never expected it to come thru WOGL and Cuba. Conditions to the NW must have been excellent on Nov. 6. The only SS appeared to be from Mexico. KREW was heard with Morse Code, march music, and a legal ID on my Superadio II. All stations were received for the first time except WAGL and KATL. J.D. Stephens, you will receive some stamps from me soon. CXK-1150 with 50 kw ND! Maybe I'll have a chance to verify Manitoba yet. Reports out to: KRZN-760, WAGL-1560, KATL-770, and KREW-1210. And I rarely verify stations. Welcome to IRCA Bill Estes and all new members. Is MS in CDXR or EDXR now? 73 from North MS.

Mike Hardester, 3118 Gaitway Ct, Jacksonville, North Carolina 28546-6973  
GREETINGS! Only sporadic DXing, and then either for DX Tests or checking the 1600 to 1700+ kHz area. Recently put up a 200' random wire to see if that would help with reception. For shortwave, it's great. For longwave and medium-wave, the jury is still out. At present, I'm sticking with my R. West Loop. V/1 in from WZZD-990 for a report taken while waiting for WCAZ DX Test/ Included BS, CM & Pgm sked. Friendly station. For those pursuing TIS QSLs, an address change for WNYD255 on 530 kHz: Ritzville Area Economic Development Council, P.O. Box 122, Ritzville, WA 99169. Replies to my inquiries to TIS operators have been very positive, and the updated listing will be larger than previous lists. All for the moment. Very 73 and Best of DX de Mike! (Mike, thanks for the note, and have fun with the retirement--and you're younger than I am, hi--rce)

Brandon Jordan, 5124 Steuben Drive, Memphis, Tennessee 38134  
Greetings: I am a proud new member of the IRCA, thanks to the prompting of JD Stephens and Lynn Hollerman. After being out of DX'ing in general for 10 years and MW DX'ing in particular for 13 years, I am happy to say "I'm back!" Earlier this year I found my box of QSL's and that got me thinking. After a month or so, I decided to get back in the hobby. So, I went all out and bought a used NRD-535D in mint condition from Universal Radio in early April. Until a few unsuccessful tries at picking up the DX Tests earlier this month, I only started MW DX'ing in earnest this week, thanks to Jim Pogue here in Memphis for loaning me his Sanserino 10" ferrite core loop! Needless to say, the NRD's prowess on MW is awesome!! My first night I had threshold audio out of Morocco on 1044 and a handful of Latins. This morning brought Senegal at unbelievable levels! I concentrate on foreign DX and have quite a few countries verified from the 1977-1980 time period, although my domestic totals have suffered. I would love to trade notes with any and all foreign MW DXers who have the inclination. I am collecting all of Connelly's construction articles and hope to get everything constructed over the winter and spring, starting with the MWT-3 that is currently being serialized in bulletin! Also hope to construct a 2-4' ferrite too. More next week. Best 73 to all. (Brandon, welcome to EDXF, and please report often. I was wondering what had happened to Jim Pogue who was our CDXR editor back in 1975--rce)



THE OCTOBER 1993 NEWFOUNDLAND DXPEDITION

\*\*\* Jean Burnell, Mark Connelly, Bruce Conti, Neil Kazaross \*\*\*

(Introduction is by Mark Connelly, with quotes from Jean, Bruce, and Neil. Loggings, by all of us, follow the introductory section.)

The success of the November 1991 Newfoundland DXpedition inevitably gave rise to thoughts of "Let's do it again!" among the three original participants (Jean, Mark, Neil). In the two years since that trip, many DXers have expressed an interest in participating in a second such effort. Bruce Conti, a leading DXer in the New England area, got interested enough to commit firmly to going when, during the summer of 1993, plans for the second trip became formalized. The planning process was assisted greatly by frequent use of E-mail communications. Once again, Lawlor's Hospitality Home (the "DX Inn") in Cappahayden, NF became the base of operations. The site, facing the open Atlantic about 100 km south of St. John's, is nearly ideal for serious international medium-wave DXing.

The 1993 DXpedition ran from 21 to 25 October and it was, in many respects, more successful than its 1991 predecessor. The obvious benchmark - countries logged - shows 92 in 1993 versus 65 in 1991. A number of factors contributed to the improved results. Most important was the addition of a fourth skilled DXer (Bruce) to the team. Band conditions played an important role as well: northern paths shut down by aurora in 1991 were alive this time around. Also helping us were the use of more wires and improved noise-reduction and phasing techniques which gave us the ability to operate primarily indoors at the "DX Inn".

A 27-day (one solar cycle) pre-DXpedition propagation analysis, based upon actual Trans-Atlantic (TA) receptions from coastal sites near Boston, showed very good northern-route reception patterns with big signals from Norway - 1314, Sweden - 1179, Denmark - 1062, Russia - 1386, and MANY German and UK stations. This was in high contrast to 1991 when both the 27-day pre-DXpedition analysis and the DXpedition itself yielded highly-auroral results: Africa and South America dominating, and northern Europeans poor.

The knowledge that the band was going to be markedly different this time around got the team members "pumped". This time we'd have real shots at Iran, India, Sri Lanka, and the many breakaway formerly-Soviet republics. Much had been learned from the first trip regarding logistics of antenna setup, what to bring / what not to bring, getting equipment through customs, eating, sleeping, etc. Despite my worries about baggage-handler damage and customs scrutiny, I decided to bring the Drake R8 this time since I felt that the DXpedition deserved the best receiver I had. The Realistic DX440 (responsible for my Lesotho logging from Rockport, MA) was packed for back-up, but it wasn't used. Jean decided wisely that as much operation as possible should be done inside the "DX Inn" in Cappahayden: here all the team members would have immediate access to lights, printed reference material, AC mains power, heat, restroom facilities, and tea / coffee / snacks as required. With all DXers in one place, reception information could flow more freely. (Indeed, all four of us teamed up on some of the more difficult catches.) The indoor operation would yield higher DXer productivity than sitting outside in dark, cold, cramped cars. The issue crucial to making this work was the suppression of the mains-radiated RF noise that had dogged such attempts back in 1991. The deployment of noise-reducing transformers and phasing units on the Beverages this time around did much to alleviate the noise problems. The rest of it was handled by the much-stronger signal levels inherent in good high-latitude propagation. When the band is good to the north, the big European stations can deliver much higher signal levels than the Africans and Brazilians do during a heavy aurora.

Antenna installation followed the concept of hitting northern / eastern Europe and the Middle East heavily while still maintaining some capability towards Africa, Brazil, and the Caribbean. The eventual layout, consisting of six wires, approached the "wagon wheels" of wires used at FCC monitoring stations. Four of the wires were of Beverage length. The full range of antennas utilized is listed at the beginning of the loggings section. The ocean was only about 50 m away on 70 to 110 degree bearings; hence, no wires were aimed that way. Neil wanted to try experimenting with different termination schemes on the Euro-Bevs, but even during the bright sunshine of early afternoon, TA's were beating up on the domestics so badly that results were inconclusive. Each wire had unique strengths and weaknesses of pick-up; also, the directionality of a given wire's pick-up varied according to frequency. Phasing different pairs of wires created different null / peak patterns. We soon learned which pairs were the most useful in pulling out stations normally buried by co-channel dominants. The many pesty stations from Spain were as often the targets of nulling as were the US / Canada domestics. In many cases, 'pest' stations as close as 5 degrees in bearing to desired DX could be nulled without killing the desired station - e. g. Portugal, Algeria, or Morocco heard after having nulled Spain. Vertical (skip) angle discrimination probably gets into the act in such cases; in any event, you need Beverage-length wires to pull off such pinpoint nulling with any degree of regularity.

I used remotely-tuned loops (mine and Jean's) through the MWT-3 Regenerative Tuner / Controller to the Drake R8 at times as I figured that loop use could possibly intercept something different from what was coming in on the Beverages. This may have gotten a few different individual stations into the logbook, but no additional countries. The Beverages, especially when phased, were the antennas "delivering the beef". Much of the time I opted for Beverage use because electrical noise bothered loop reception. Neil and I teamed up at his Icom R70 with phasing of the two Euro-Bevs to snag numerous low-powered British locals. These were on channels often dominated by higher-powered stations such as 1530, usually the property of Vatican and WCKY. Getting Aberdeen, Scotland on 1035 after phasing out the huge signal from Portugal was a thrill.

We all tried for the "fish that got away": Sri Lanka on 1548. All of us thought we had bits of audio parallel to Deutsche Welle shortwave outlets, but QRM from British locals on 1548 prevented a definitive logging. Jean may eventually get this at home on his attic wire. Swapping of antennas among the four DXers' receivers was done periodically to give everyone some listening variety and to spread the talent around on both the TA DX and Pan-American DX efforts.

=====  
Neil went nuts logging out entire networks by rapid scanning of parallel channels. Romanian, Bulgarian, Ukrainian, and other networks of parallel stations were "milked" in this tour-de-force display of DXing efficiency.

Neil's comments on the DXpedition: "Newfie 2 was great. The place hadn't changed, but band conditions were sure different. This time we had normal (good, but not exceptional) high-latitude propagation, rather than the heavy aurora of the 1991 trip. There was much more domestic QRM, but TA's still creamed the domestics on the two Euro-Bevs. Getting India - 1566 was certainly a highlight of the DXpedition. Noise-reducing transformers provided by Mark helped a lot. This technology is highly recommended for those with electrical noise trouble (and that's most of us). It was great to be able to operate indoors this time. We would have liked to experiment with terminations more, but TA's were already blowing away domestics at 2 PM local time with the sun shining

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brightly! Forget all the rules on parallel Beverages having to be separated. We had two Euro-Bevs not greatly different in length running virtually on top of each other, seldom more than 1 m apart. Even when both were unterminated, they had usefully-different pickup and null patterns."

=====

Bruce hooked up his Sony ICF-2010 and the MWDX-5 Phasing Unit to the Brazil-Bev and the Carib-Bev and went on a Latin American stampede. Not to say that he wasn't getting TA's as well: his efforts put Oman - 1242 in the log.

Bruce sums things up this way: "While there were many high power Argentinian and Brazilian stations logged, I found that hearing signals from the Caribbean was difficult due to the lack of auroral conditions. But persistence paid off with the eventual logging of Jamaica and Trinidad & Tobago among other targets to increase our country-count. My main interests lie in listening to Caribbean and Latin American stations for the culture and music. So it was especially exciting to hear Argentina and Brazil dominating 1030 with WBZ - Boston practically non-existent (on the highly-directional 1015 m Brazil-Bev), or to log a Venezuelan on 1450, for example. There was so much to log in so little time, I only wish that I could have stayed longer to do more listening (for program content as well as DX)."

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Jean swapped Beverages going to his Icom R71A and phasing box periodically to go, alternately, for deep Asians (such as India - 1566) and Brazilians. He did some determined digging on a 1571.7 kHz mystery station and came out with an ID from a 250-watt Brazilian. The big Bevs to the south hauled in Argentina and Uruguay.

Jean offers the following words on his 'awesome' adventure:

"DXing is normally a solitary hobby and, as such, DXers develop individual styles of DXing. A good DXpedition is more than just a pooling of effort in setting up serious antennas, it provides a rare opportunity to DX with other DXers and thereby one's DX skills are honed by observing and trying other styles of listening. I appreciated seeing Mark's R8 in action. His noise-reducing lead-in design, which allowed the Beverages to be routed into the "DX Inn", was battlefield-tested, and the design proved its worth irrevocably to all of us.

We DXed collaboratively, and the result was indeed greater than the sum of its parts. Teamwork certainly allowed me to hear more, and better DX! It is true that every time you hear a new country, it becomes that much harder to hear the next new one. A personal measure of the success of this DXpedition is that I added three new countries to bring my total of MW countries (from Newfoundland) over 130. Since the 1990's I've been ecstatic when I've heard three new ones in a year!

Alerts were sounded when something interesting was spotted, and whoever happened to be connected to the antenna(s) that gave the best reception took over the responsibility for the logging. The first "All hands on deck!" came very early in the trip, and it turned out to be the most exciting: the long elusive Indian on 1566 kHz. Other TA highlights were Latvia on 1350 and the VOA from Greece on 792. We had poor reception of some interesting Middle Eastern stations such as Oman on 1242 and the Iranians, and just glimpses of other TA's (e.g. possible Macedonia on 810 and Qatar on 954). These will be the focus of my efforts this season.





Accessories: phasing units (MWDX-3, MWDX-5, Super-MWDX-5);  
 noise-reducing 9:1 & 1:1 transformers; MWT-3  
 regenerative tuner-preamplifier-controller;  
 RTL-2 remotely-tuned loop

Days listed are OCT 1993 - Times are GMT/UTC.

Trans-Atlantic DX from the Newfoundland DXpedition / OCT 1993

FREQ.	DAY	TIME	LOCATION, PROGRAM DETAILS
531	22	2025	SPAIN - RNE5 fair w/ m in SS
531	23	2039	SPAIN - f SS vocal
531	22	0720	FAROE ISLANDS Akraberg - choral anthem at s/on
531	23	0715	FAROE ISLANDS Akraberg - good at s/on w/ distinctive IS, Scandinavian talk; o/Spain/others.
531	25	0712	FAROE ISLANDS Utvarp Foroya, Akraberg: IS to s/on announcement at 0715 in presumed Faroese, organ mx, choir, talk from 0721. QRM mainly Spain, SIO 333-2.
531	24	2340	MADEIRA Porto Santo - RDP: PP soft rock in a mess, mixing w/ Spain and Algeria (// 666). SIO 222
539	23	0442	unID - het from someone on old-plan channel
540	24	0338	HUNGARY Solt - Magyar R.: m in Hungarian, Vivaldi's "Four Seasons" excerpt, more talk; o/CBT/CBGAL. SIO 322
540	24	0508	BELGIUM Waver-Overijse - Belgische R.: Pop mx in Dutch/Flemish & EE, m DJ spoke Flemish. SIO 333
549	23	2041	ALGERIA Les Trembles - pop AA mx // 891
558	23	2042	SPAIN - f SS talk, fair w/ CHVO nulled
567	22	2030	IRELAND Tullamore - RTE1 good w/ EE discussion
567	23	2045	IRELAND Tullamore - RTE1 good w/ EE talk, then some great Chieftains-like fiddle mx; o/Portugal.
567	23	2045	PORTUGAL Valenca - PP f vocal // 666; u/ Ireland.
567	23	2355	SPAIN Murcia et al. - RNE5: SS // 531,666 u/Eire OC
576	23	2048	SPAIN Tarragona - SS f talk, o/ others
576	24	0316	BULGARIA Vidin - Bulgarian Nat. R.: m vocal of Bulgarian folk song w/ flute accompaniment (//828). Strong QRM from Spain, SIO 322
585	22	0229	SPAIN RNE1 - good, "Radio Nacional" ID, // 684.
585	22	2031	SPAIN Madrid - RNE1 fair to good w/ m in SS; growl of about 200 Hz present on high side.
585	23	2049	SPAIN Madrid - fast f SS talk o/ growl & suspected Tunisia.
585	23	2115	SPAIN RNE1 - good, "Radio Nacional Espana" ID, // 720.
585	23	2110	TUNISIA Gafsa (t) - f AA chants; Spain phased a bit
594	23	0010	PORTUGAL Muge - vocal, PP talk through VOXM sloop
594	23	0010	MOROCCO - AA // 1044; u/ Portugal & VOXM sloop
594	23	2051	MOROCCO / ? - AA jumbled w/ others in bad VOXM sloop
594	24	2317	MOROCCO Oujda - RTV Marocaine: AA talk, probably news as it mentioned Saudi Arabia, Syria, etc.; mx from 2325 (// 1044). VOXM splatter reduced by phasing, SIO 433
603	23	2053	SPAIN Sevilla - good w/ fast f SS talk way o/others
612	23	0001	IRELAND Tullamore - news and wx., 0002 "2FM" ID, and "The other side of midnight" blues mx program.
612	22	0018	MOROCCO Sebaa Aioun - AA mx // 173; u/ Ireland
612	23	2054	MOROCCO Sebaa Aioun - m AA a cappella vocal, dom.
621	22	2042	CANARY ISLANDS Santa Cruz - SS talk; good
621	23	2055	CANARY ISLANDS Santa Cruz - fast SS talk, loud
630	22	2300	unID - probably Portugal, but CFCY in control of the channel most of the time; audio tough to pull
639	22	2044	SPAIN La Coruna et al. - SS m good; slight CBN QRM
639	23	2056	SPAIN La Coruna et al. - SS talk in CBN sloop
648	23	0443	SPAIN - SS // 639
657	22	2045	SPAIN Madrid - SS mx. then ID "R. Nacional Espana"
657	23	2100	SPAIN Madrid - "R. Nacional Espana" ID o/ jumble
666	22	0512	PORTUGAL Lisboa - PP vocal // 720



666	22	0100	PORTUGAL Lisboa et al. - RDP: PP news up, swamping Germany. SIO 322
666	22	0613	PORTUGAL - fair, PP news and mx.
666	23	2105	PORTUGAL Lisboa et al. - PP talk, piano mx o/Germany
666	23	2105	GERMANY Rohrdorf - SWF: Talk in GG // 1017. Signal was behind Portugal: SIO 322
666	23	2105	SPAIN COPE net : football play-by-play (//837). SIO 222
675	23	2107	FRANCE Marseille - FF m fair in 673 (CKXG spur) QRM
675	24	0600	HOLLAND Lopik - s/on: DD & some EE talk, mentioned 675 kHz & commercial radio; o/u France
684	22	0110	SPAIN Sevilla - RNE1: xlnt, feature length news stories in SS.
684	23	2110	SPAIN Sevilla - fast SS talk o/ Beograd Slav talk
684	22	0330	SERBIA (YUGOSLAVIA) Beograd - AA-sounding mx heard behind Spain turned out to be this station. Serbian talk ran from 0343-0345.
684	23	0023	SERBIA (YUGOSLAVIA) Beograd - fair w/ m Slavic talk; Spain phased.
693	22	0140	AZORES Santa Barbara - xlnt, PP talk & instrumental EZL music.
693	23	2113	ENGLAND/AZORES - BBC discussion o/u festive PP mx
693	23	0657	ENGLAND Droitwich et al. - BBC loud w/ interview w/ a young kid about football.
702	23	2115	SPAIN Zamora - het rumble, then SS talk surfaced
702	23	0029	SLOVAKIA - cl. mx // 1098; u/ Morocco OC
702	24	0323	SLOVAKIA Banska Bystrica / Presov - good w/ piano version of "Close to You" // 1098
711	22	0100	LIBYA - f AA talk // 1251
719	23	0035	unID - het against CHTN / Portugal - 720
720	22	0512	PORTUGAL Sao Salvador - PP vocal // 666; o/ CHTN.
720	23	2117	PORTUGAL Sao Salvador - m PP talk o/u CHTN
720	23	2107	CANARY ISLANDS Santa Cruz, Tenerife - RNE1: good, "Radio Nacional Espana" ID and live futbol.
729	23	2119	SPAIN RNE1 - SS // 585, 720, 738; atop Ireland
729	22	2010	IRELAND Cork - EE talk // 567: 2010-2015
729	23	2119	IRELAND Cork - folk vocal, u/ Spain
738	23	2120	SPAIN Barcelona - RNE1: SS // 729, others; QRM CHCM
747	22	0156	HOLLAND Flevoland - good, mix of contemporary and traditional jazz instrumentals, DD talk.
747	23	2125	HOLLAND Flevoland - pop mx in CBGY slop
756	24	0406	ENGLAND - probably Redruth - news in EE // 198; mixed w/ Spain.
756	22	0424	GERMANY Braunschweig / Ravensburg - good w/ m in GG; mx. under was probably Romania; also a 755 het here.
756	23	2145	GERMANY Braunschweig / Ravensburg - show tunes, GG talk, o/ Spain SS talk.
756	22	0420	ROMANIA Lugoj - f vocal, Romanian talk o/u Germany
756	24	0507	ROMANIA Lugoj - Romanian // 1053 u/ Germany / UK
756	23	2145	SPAIN Bilbao - SS talk u/ Germany.
756	24	0411	SPAIN Bilbao - SS talk (Euzkadi Irratia) o/ UK
765	23	0100	SENEGAL Dakar - good, Koranic chants, then beep and ID followed by anthem and s/off at 0101, leaving Switzerland in clear.
765	23	0658	SENEGAL Dakar - LIKE A LOCAL w/ string mx. at s/on.
765	22	2200	SWITZERLAND Sottens - good in FF, jazz and classical mx.
765	23	2147	SWITZERLAND Sottens - FF talk, jazz vocal o/ Senegal; low growl present.
774	22	0112	SPAIN RNE1 - good, SS // 684.
774	22	0337	EGYPT Abis - AA u/ Spain; also in at 0428.
774	23	2150	EGYPT Abis - AA vocal atop Spain.
783	22	2208	PORTUGAL Miramar - R. Comercial: good, PP talk, "Comercial" ID, under heavy attack from CFDR-780.
783	23	2348	SYRIA Tartus - Syrian Rep. Arab BC: m AA talk mentioned "Suriyya" (Syria) a few times. Actually overtaking Portugal at times ! SIO 232 + Koran chants through 0015 (24 OCT); did NOT sign off then.

792	22	0332	SPAIN Sevilla - m in SS, SS mx.; good.
792	22	0610	SPAIN Sevilla - SER: good, SS teletalk, // 1584.
792	23	2349	SPAIN Sevilla - SS talk, good
792	24	0433	GREECE Kavala - VOA Relay: Faded up nicely w/ news in Romanian (// 9615), f gave VOA ID at 0436 before it receded under Spain. SIO 343
801	22	0512	SPAIN Lugo et al. - SS talk
801	23	0612	SPAIN Lugo et al. - SS talk, good o/ others
801	23	2317	JORDAN Ajlun - R. Jordan: Koran, m in AA // 1494 to 2330 s/off. Briefly alone, then QRM'ed by others
810	22	0513	SPAIN - SS talk losing to BBC Scotland and CJVA
810	21	2050	SCOTLAND -BBC news, huge signal- still good at 2305
810	22	0513	SCOTLAND - BBC financial news o/ CJVA FF / Spain SS
810	23	0659	SCOTLAND - f EE wx. forecast, good o/ domestics.
810	24	2044	SCOTLAND - BBC Scotland synchros: surprised to hear m&f talk in Chinese, switched to EE to talk about availability of CC programming via Sky satellite, more CC talk and CC pop mx. SIO 444
810	24	2159	RUSSIA Volgograd et al. - R. Moscow IS behind Scotland, not sure if signing off.
810	24	2159	unID - second signal behind Scotland may have been unID Skopje, MACEDONIA. IS w/ guitar-like instrument, then f talk, possibly mentioning Skopje at TOH. Very tentative catch.
819	24	0330	MOROCCO Rabat - o/u Egypt: AA // 1233 & others
819	24	0326	EGYPT Batra - xlnt w/ Koran o/u Morocco
819	23	2352	unID (EGYPT or MOROCCO) - AA pgm. in QRM
819	24	2224	POLAND Warsaw - Polskie R.: ID sounded like "Radio Televisi Polska", then long talk in Polish. Over AA stn, SIO 433
828	24	0303	BULGARIA Sumen - Bulgarian Nat. R.: Bulgarian gypsy folk mx (// 1296). SIO 233
828	22	0145	AZORES Flores - fair, PP // 693.
837	22	0039	SPAIN/CANARY ISLANDS - COPE: xlnt, "...en la COPE!" promo and COPE jingle.
837	22	0143	AZORES Barossa - good, PP // 693.
846	22	0042	ITALY Rome - good with II pop music and talk; 0136 good with opera music.
846	22	0514	ITALY Rome - f II talk
855	24	0426	ROMANIA Bucuresti - R. Romania: f in Romanian //1179; u/ Spain. SIO 322
855	22	0114	SPAIN RNE1 - good, SS // 684.
864	24	0311	BULGARIA Blagoevgrad - Bulgarian Nat. R.//828,1296: Bulgarian folk mx emerged above Egypt AA. SIO 232
864	24	0310	EGYPT Santah - good w/ Koran
864	22	0518	SPAIN - RNE1: R. Nacional ID // 855
873	21	2348	SPAIN Zaragoza SER - poor, SS // 1584.
873	22	2121	SPAIN Zaragoza - SS talk mixed w/ Germany, Hungary
873	22	2114	GERMANY Frankfurt - AFN: US-accented m in EE reading news. SIO 333 + sportstalk noted at 2121
873	22	2120	HUNGARY Lakihegy / Pecs - Magyar R.: Jazz piano mx // 1188, 1251; u/ Spain & AFN Germany. SIO 222-1
882	21	2100	ENGLAND / CANARY ISLANDS - EE & SS battling it out as noted on the car radio en route to the "DX Inn".
891	22	0135	ALGERIA Algiers - xlnt, modern AA mx.
891	23	0117	PORTUGAL Vilamoura - f PP vocal // 981,594,963,1251. Algerian superpest phased
900	22	0519	ITALY Milan - II f talk
900	24	2254	SAUDI ARABIA Qurayyat - Koran recitation // 1521; huge, crushing Italy
909	23	0413	AZORES Angra do Heroismo - m PP talk, good
909	23	0612	ENGLAND - good w/ "everything you want to know about football", Motown oldies music, "news at 7:30" promo.
909	23	0701	ENGLAND Moorside Edge et al. - "Radio 5 News & Sports" mention, good o/ unID piano mx (Azores ?)
918	22	2131	SLOVENIA Ljubljana - EE news mentioning "the Serbian delegation", then Radio Slovenia ID. SIO 222

918	22	2135	SYRIA Al-Hassake - fair to good w/ AA mx (strings, vocal); some Spain / Slovenia QRM w/ CJCH phased
927	22	0520	BELGIUM Wolvertem - f vocal // 1512
927	24	2127	BELGIUM Wolvertem - Belgische R.: Flemish talk about relief efforts in India, oboe mx, wx, Stevie Wonder song at 2133. Splatter from CJYQ, SIO 333
936	23	0400	GERMANY Bremen - GG o/ others
945	23	0615	FRANCE Toulouse - good w/ FF talk
945	24	2008	ENGLAND Derby - Gem AM: In a mess and w/ a het from 944 (African ?), mainly C&W mx, ads, and jingles. SIO 222
954	24	1926	unID: Quest for QATAR: definitely Koran recitation behind Spain and another stn (Czech?). Lost at 1930, SIO 222
954	24	1927	SPAIN Madrid - R. Espana: LA mx, ad for fruit juice, then SS ballad. SIO 433
954	22	0557	SPAIN Madrid - R. Espana: good, news with frequent "Radiola" temperature and time checks, 0600 ID "...servicio de Radio Espana".
954	22	2205	CZECH REPUBLIC (t) - Slavic talk
963	22	0123	PORTUGAL Seixal - PP pgm // 594, 891, 981, 1251
963	22	0458	FINLAND Pori - Finnish f talk, fair to good
972	24	0447	GERMANY Hamburg - xint. w/ "compah" mx, GG talk
972	23	0727	SPAIN (/ MELILLA ?) - SS talk.
972	22	0024	UKRAINE Mykolayiv - RR or Ukrainian talk o/ others
972	23	0310	UKRAINE Mykolayiv - rock mx // 1242,1377,1404
981	24	0438	GREECE Athens (t) - Elliniki Radiophonia 4: No announcements heard, but sounded like Greek songs; confusing reception w/ other stns fading in and out. Definitely NOT Portugal per check of other Portuguese stations that would have been //. Briefly SIO 333
981	23	0111	PORTUGAL Coimbra et al. - dance mx, PP talk. Algeria apparently off at the time.
990	22	0549	SPAIN Bilbao - SER: fair, SS // 1584.
990	23	0640	SPAIN Bilbao - SS sportstalk w/ mentions of national teams such as 'Real Madrid'.
999	22	0340	SPAIN Madrid - loud w/ SS talk.
999	22	0546	SPAIN Madrid - COPE: good, SS // 1134.
1008	21	2352	SPAIN/CANARY ISLANDS SER - fair to good, SS// 1584.
1008	23	0616	CANARY ISLANDS/SPAIN -Las Palmas & Vigo - f SS talk
1017	23	2250	TURKEY Mundanya - TRT-1: m&f in Turkish, m Middle Eastern vocal o/ Germany. Deep fades, SIO 332
1026	23	2107	AUSTRIA Graz-Dobl - religious choral mx // 1476; good o/ Spain.
1026	24	0642	NORTHERN IRELAND Belfast - ad for telephone company in N. Ireland, "Downtown R." mention; a bit u/Spain
1026	21	2347	SPAIN SER - good, SS // 1584.
1035	22	0505	PORTUGAL Lisboa - strong w/ R. Comercial ID o/ possible Estonia.
1035	22	0537	PORTUGAL Lisbon - R.Comercial: xint, "Radio Comercial" ID, PP talk and mx.
1035	22	2215	ITALY - m II talk good w/ Portugal phased
1035	22	0646	SCOTLAND Aberdeen - Aberdeen local ads including used car dealer (phone # started w/ 27), adult contemporary mx. Audible only w/ Portugal phased
1044	22	0534	MOROCCO Sebaa-Aioun - xint with AA talk.
1044	22	2325	MOROCCO Sebaa-Aioun - good w/ AA m vocal & violins // 1053.
1044	25	0052	GERMANY Dresden - MDR-Info: GG talk in mess u/Spain & other. Faded out within a few minutes. SIO 222-1
1044	25	0052	SPAIN - SS mixed w/ Germany & others
1053	22	2325	SPAIN Zaragoza - SS atop Morocco & bubblejammer
1053	22	0429	LIBYA Tripoli - AA // 1251
1053	22	2325	MOROCCO Tanger - AA m vocal, violins //1044 u/Spain
1053	22	2325	unID - Bubble Jammer: Messing up Morocco and Spain. At whom is this aimed, the Iranian?
1053	22	0530	ENGLAND R. 1 - good with news, ID, and pop mx.
1053	24	0458	ROMANIA Tasi - // 756: loud well o/ Spain / UK:

			6 pips, R. Romania ID
1062	22	0357	DENMARK Kalundborg - good w/ pop mx., Danish talk
1071	24	0224	FRANCE - one transmitter on running FF // 162, other transmitter on the net the presumed source of open carrier. Both o/u Spain w/ strong CBA-1070 het.
1080	24	0231	MOROCCO Casablanca - poor // 1044. AA mx / chants u/ Spain w/ bits of WTIC.
1080	24	0231	SPAIN - SS o/ Morocco / WTIC
1088	22	0208	ANGOLA Luanda - typical moderate-tempo Afro-PP mx
1089	22	0209	RUSSIA Krasnodar - R. Rossii: RR talk, silence from 0210-0211 then R. Rossii ID, IS, and talk about Russian politics. SIO 444
1089	24	0242	RUSSIA Krasnodar - huge signal w/ choir mx
1089	24	0400	ALBANIA Durres - R. Tirana: S/on w/ anthem, ID as "Yu flet Tirana", f in Albanian gave frequency schedule, then interesting local mx. SIO 444
1089	22	0505	ENGLAND - good with wx., pop mx, "Breakfast Headlines" at 0513, 6:13 time check, some delay echo noted from network stations on same freq.
1098	22	0012	SPAIN/CANARY ISLANDS - RNE5 - good, SS talk // 1314
1098	22	0509	SLOVAKIA Velke Kostolany - Slavic m talk, atop Canary Islands / Spain.
1098	23	0033	SLOVAKIA - classical mx // 702; u/ Spain / Canaries
1107	24	0140	EGYPT Batrah - AA talk well o/ Spain
1107	24	0248	GERMANY - AFN synchros: EE talk u/ Egypt / growl
1107	25	0043	GERMANY - AFN synchros: Egypt phased out to leave Spain and this, w/ sports talk (baseball, hockey) in US-accented EE. SIO 322
1115	22	0108	ANGOLA M'Banza-Kongo poor w/ mx through 1116 het
1115	24	0156	ANGOLA M'Banza-Kongo - to fair peaks w/ "Money" by Pink Floyd, then PP announcer.
1116	23	0030	CHANNEL ISLANDS Guernsey - EE news w/ several Channel Islands local items, talk about a man in Guernsey. Heard 0030-0035, then lost to R. Derby & Russian.
1116	24	0802	CHANNEL ISLANDS Guernsey - local news dominant; mixed w/ other EE & Spain.
1116	23	0037	ENGLAND Derby - likely w/ EE pop mx. in mix w/ Guernsey news & Russia's RR talk. Spain-1116 suppressed by the terminated 45-degree Euro-Bev.
1116	23	0036	RUSSIA synchros. - RR talk often atop.
1116	22	0202	SPAIN SER - fair with SS talk, // 1584.
1116	23	0529	ITALY Bari et al. - RAI: f II talk after Spain was reduced by phasing. SIO 232
1125	22	0101	CROATIA Deanovec - Hrvatski R.: m in Croatian w/ news; "Hrvatski Radio" ID at 0103 then "Hello Dolly" and other instrumental standards segued. This night there was no sign of 1134. SIO 444
1125	23	2242	CROATIA Deanovec - pop mx, Hrvatski R.ID // 1134
1125	22	0350	SPAIN RNE5 - good, SS // 1098.
1125	23	0730	SPAIN - RNE5: Radio Nacional Espana ID
1125	23	2243	SPAIN - SS mixed w/ Croatia & Wales.
1125	23	2238	WALES Llandrindod Wells - BBC Wales: EE boxing blow-by-blow (//882) under Croatia. SIO 222-1
1134	23	2241	CROATIA Zadar - Hrvatski R.: Back to back pops (//1125). This was inaudible or off the previous evening! SIO 444
1134	22	0204	SPAIN COPE - good, SS // 837.
1143	22	0434	SPAIN Reus - COPE: good, "...aqui en la COPE1" promo, SS telephone talk, // 1134.
1143	23	0731	SPAIN Reus - "Cadena COPE" ID, good
1143	23	1730	RUSSIA/KALININGRAD Bolshakovo - "Midnight in Moscow" chimes good: better than CBI-1140 during broad daylight!
1152	22	0017	SPAIN RNE5 - good, SS // 1098 & 1314.
1152	22	0427	SPAIN RNE5 - good, SS // 1305.
1152	22	0623	ENGLAND London - London Talkback Radio: m&f EE teletalk, mentioned "on Talkback R.", o/u Spain
1152	25	0008	SCOTLAND Glasgow - Clyde 2: Scottish-accented DJ w/ dedications for people in Scotland. SIO 322



1152	24	0455	ROMANIA Cluj - US rap mx, f Romanian announcer, then Romanian vocal; // 855, 1179
1161	23	0623	FRANCE - FF talk, then Broadway song "That's Why the Lady is a Tramp"; good
1161	22	2200	BULGARIA - good w/ Slavic talk
1170	22	0507	PORTUGAL Vila Real - good, atop channel w/ "Chariots of Fire" theme, PP talk // 1035.
1179	21	2100	SWEDEN Solvesborg - news in Swedish, good on car rx
1179	24	0412	GREECE Thessaloniki (t) - apparent Greek talk & mx u/Spain/Canaries & OC that turned out to be Romania
1179	24	0415	ROMANIA Bacau - R. Romania: m in Romanian, faded beneath Spain/Canaries than re-emerged loudly w/ pop mx, mentioned "dominica ... programa" (which I presume means "Sunday ... program") and "Romania" very clearly (// 855). This was unexpected as WRTH suggests that these belong to different networks. EE song at 0418. SIO 332
1179	23	0311	CANARY ISLANDS/SPAIN SER - fair, SS // 1584.
1188	22	0453	MOROCCO Casablanca (t) FF rock mx.
1188	22	2110	HUNGARY Szombathely - Magyar R.: m in Hungarian w/ BBD jazz pgm (//1251). SIO 222
1197	22	0315	LESOTHO Lancer's Gap - BBC relay good w/ Brit. EE talk // 5975.
1197	22	0645	LESOTHO Lancer's Gap - fair, EE talk, BBC mentioned.
1197	22	0448	ENGLAND - Virgin Radio // 1215 w/ ZZ Top's "She's Got Legs"; loud.
1197	22	2054	ENGLAND Virgin R. - good, Van Halen's "Jump", rock mx, "Virgin 1215" ID, // 1215.
1206	23	0703	FRANCE Bordeaux - excellent w/ FF talk
1206	22	0600	POLAND Wroclaw - m Polish talk
1206	23	2041	POLAND Wroclaw et al. - Polskie R.: f in Polish w/ news. SIO 343
1215	22	0347	SPAIN COPE - fair, SS // 837 & 1134.
1215	22	0448	ENGLAND - Virgin Radio // 1197 w/ ZZ Top hit
1224	23	2300	BULGARIA Vidin - relaying VOA w/ EE ID "This is the Voice of America", then Serbian talk atop Spain.
1224	23	2300	SPAIN synchros. - SS talk u/ Bulgaria
1233	22	0550	MOROCCO Tanger (t) f FF talk
1233	23	0211	MOROCCO Tanger - AA mx, good
1233	24	0256	MOROCCO Tanger - RTV Marocaine: AA song by m w/ guitar-like instrument, //1044 at the time. SIO 343
1242	22	0158	ENGLAND Newport (t) - Isle of Wight R. probable w/ George Harrison song, ID just before 0200 was distorted, news. QRM from Ukraine, SIO 232
1242	22	0616	ENGLAND unID, also 22 OCT @ 0300, EE u/ France
1242	22	0651	ENGLAND Newport - Isle of Wight R. o/u France w/ EE talk, local Isle of Wight ads 0651-0654.
1242	22	2052	ENGLAND Virgin R. - fair, mention of 1197 and 1215 also, rock mx, // 1215.
1242	24	1953	ENGLAND and SCOTLAND - Virgin R., low power synchros: Peter Gabriel song, contest (// 1215). SIO 222
1242	22	0605	FRANCE Marseille - xlnt, FF folk/pop mx and talk.
1242	22	2050	OMAN Muscat - R. Oman fair, modern AA mx, o/u UK station, // 6085 which was also tough DX.
1242	22	2124	OMAN Muscat - R. Oman: weak w/ Koran. SIO 232-1
1242	23	0310	UKRAINE Kyiv et al. - rock mx // 972,1377,1404
1251	23	0123	LIBYA Tripoli - AA atop Portugal
1251	22	0430	PORTUGAL/LIBYA - PP pgm o/u Libya AA
1251	23	0123	PORTUGAL Porto / Viseu - f PP vocal //594,891,981
1251	22	2105	HUNGARY Nyiregyhaza - Hung. talk, BBD jazz // 1188
1259	24	2004	AZORES Faial - RDP: PP football play-by-play. One team was from Porto. SIO 344 o/u Spain - 1260 QRM.
1260	24	2000	ENGLAND Bristol - Brunel Classic Gold: f read news, interview w/ an old woman who beat up a mugger w/ her walking stick, "Classic Gold presents..." at 2002 then rock mx. Over/under Spain, SIO 322
1260	24	2000	SPAIN Valencia et al (SER) - SS talk o/u England
1269	23	1720	GERMANY Neumunster - GG trashing CJCB-1270 at 2:50 PM local

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1278	22	0442	IRELAND Cork / Dublin - RTE2 good w/ "No Milk Today" by Herman's Hermits // 612.
1278	22	2255	IRELAND - good, "5 minutes away from midnight" UTC+1 time check, U2 rock song, 2300 news with top story on IRA.
1278	23	0529	IRELAND - good w/ local ads, then modern rock
1287	24	1759	CZECH REP. Litomyšl & Melnik - R. Free Europe: IS just before TOH, then religious pgm in Czech. Too early for a strong signal, SIO 242
1296	24	0259	ENGLAND Orfordness - BBC WS: Bells, pips, BBC WS news - SIO 333
1296	24	0300	BULGARIA Kardzali - Bulgarian Nat. R.: U/ England & Spain w/typical instrumental folk mx //828. SIO 222
1296	24	2258	SPAIN - R. Pop. de Valencia: Local ads, but returned to network (COPE) at 2300. Under BBC WS, SIO 322
1296	22	0633	SPAIN Valencia - COPE: good, SS talk, // 1134.
1296	23	0259	SUDAN Rebia - interval signal // 7200. Freq. was then covered by Spain & UK stations.
1305	22	0355	SPAIN RNE5 - good, SS // 1098 & 1125.
1313	23	0451	ANGOLA Lubango -rhythmic mx poor;Norway-1314 phased
1314	23	1615	NORWAY Kvitsoy - fading in at 1615, good audio (NN talk) by 1642. Station audible at least 17.5 hours (!) a day.
1314	25	1045	NORWAY Kvitsoy - poor to fair w/ m in NN at 1045; faded to just carrier at 1100.
1314	22	0001	SPAIN RNE5 - fair, "Radio Nacional de Espana" ID, mixing with Norway station.
1323	22	0540	GERMANY Nauen - relay of R. Moscow EE service
1323	23	0531	GERMANY Nauen - EE news (R. Moscow relay), good
1325	23	2038	MOROCCO Safi - good w/ soft mx.
1332	21	2227	ITALY Rome - RAI: good with talk in II.
1332	23	2037	ITALY Rome et al. - m&f II talk, good.
1332	24	2302	ENGLAND Lacock - BBC Wiltshire Sound: Wx and into "Late Night" pgm w/ Beatles song. Found BBC R. Bristol // (1548) indicating the South and West net pgm. O/u Italy. Listed 300 watts ! SIO 232
1341	22	0335	SPAIN SER - good, SS // 1584.
1341	22	0312	NORTHERN IRELAND Lisnagarvey - BBC good w/ EE talk, then "A Wonderful World" by Louis Armstrong.
1341	22	2109	NORTHERN IRELAND Lisnagarvey - good, BBC news w/ feature length report from Scotland Yard on crime and drugs.
1341	22	2124	HUNGARY Lakihegy - Magyar R.: Ella Fitzgerald singing "I've Got Plenty of Nothing" (//1188, 1251). Brutal QRM (N. Ireland), SIO 222-1
1349	22	0003	MAURITANIA Nouakchott - AA-sounding talk
1350	23	2030	FRANCE Nancy / Nice - France-Inter: FF football play-by-play: Monaco was creaming someone 5-0. SIO 433
1350	23	2030	LATVIA Cesvaine / Kuldiga - Latvijas R.: Initially poor behind France w/ news (?), ID at 2032, short mx, f announcer intro'ed rock & then classical mx. SIO 222
1359	23	0533	SPAIN Arganda - Moorish - influenced SS vocal
1367	22	0038	ANGOLA Luanda - f PP talk, poor to fair
1368	22	2029	POLAND Krakow - Polskie R.: m in Polish (// 1305), losing channel to Manx R. SIO 333
1368	22	0600	ISLE OF MAN Foxdale - Manx R. ID's, good
1368	22	2032	ISLE OF MAN Foxdale - Manx R.: m DJ intro'ed pgm. of soft rock. Increasing strength, SIO 333
1375	22	0329	ST. PIERRE ET MIQUELON - RFO: xInt, FF talk and jazz music. Groundwave is good all day here.
1377	23	0248	FRANCE Lille - jazz // 1404
1377	22	2341	PORTUGAL Canidelo - m in PP fair w/St.Pierre phased
1377	23	0310	UKRAINE - rock mx on network // 972, 1242, 1404
1378a	23	0240	unID - het against 1377 / 1380
1386	21	2233	RUSSIA/KALININGRAD Bolshakovo - xInt, R. Moscow World Service in EE.
1386	22	0400	RUSSIA/KALININGRAD Bolshakovo - huge carrier turned out to be this: s/on audio kicked in at 0400.

1386	22	0355	RUSSIA unID site - R. Moscow World Service audio from a second site was already in progress as the Bolshakovo 2.5MW big rig ran OC (before coming on w/ the same pgm // the weaker site at 0400).
1395	21	2237	ALBANIA Lushnje - good, religion in EE from TransWorld Radio.
1395	23	0538	ALBANIA Lushnje - eastern European lang. talk, loud
1404	23	0248	FRANCE - jazz // 1377
1404	23	0303	IRAN Rasht - Farsi talk // 5995; u/ Ukraine
1404	22	2300	UKRAINE Kotovsk et al. - 5 pips, Slav talk briefly atop w/ France null'd. UnID SS in there, too.
1404	23	0310	UKRAINE Kotovsk et al. - rock mx // 972,1242,1377
1413	22	0326	SPAIN RNE5 - fair, SS // 1098.
1413	22	0035	unID (prob. YUGOSLAVIA) - AA vocal, faded u/ Spain
1413	24	1839	YUGOSLAVIA/KOSOVO - R. Pristina: Pops, chat about football and Michael Jordan in Albanian, news from 1900 to 1902, then classical mx. SIO 433
1413	24	1900	OMAN Masirah Island - BBC Relay: BBC World Service news QRMing Kosovo. SIO 322
1422	22	2000	ALGERIA Algiers - EE ID "National Service of Radio Algeria"; very good
1422	24	1922	ALGERIA Algiers - Radiodif. Algerienne: Thickly accented EE with press reviews from the newspapers Mujahid and Liberte. SIO 343
1422	24	2132	ALGERIA Algiers - FF ID "R. National" o/ GG on Afro-wire
1422	24	2132	GERMANY Heusweiler - GG talk u/ Algeria
1431	21	2153	UKRAINE Mykolayiv: Ukrainian R.: ID and news items mentioning Yasser Arafat, Serbia, and Kashmir. SIO 444
1431	22	2101	UKRAINE - loud w/ m&f Slavic talk
1431	21	2155	ENGLAND unID stn: m w/Brit. accent intro'ed Olivia Newton-John song. Far u/ Ukraine, SIO 222
1440	22	2013	LUXEMBOURG Marnach - RL: II financial news, then entertainment news. SIO 344
1440	22	2022	SAUDI ARABIA Damman - good, AA talk, // 1521 & 9870.
1449	23	2101	ITALY Squinzano et al. - RAI: II sports play-by-play in a mess. SIO 222
1449	22	2032	IRAN Bandar Turkaman - briefly o/ Italy w/ chant, talk, occasional string mx: 2032-2036; also heard at 2245 GMT.
1449	25	0018	IRAN Bandar Turkaman - mideast wailing u/UK/Italy
1449	23	2100	MOLDOVA Chisinau - Moscow interval signal rising atop a QRM stew including (but not limited to) Iran, Italy, & UK locals.
1449	25	0019	SCOTLAND - prob. R. 4, Redmoss: EE w/ BBC WS (// 198). QRM from Italy / Iran, SIO 232
1458	22	0549	ENGLAND - Greater London R. gave ID, mentioned financial news, said to tune to 94.9 FM.
1458	24	0433	ENGLAND - Greater London R.: Tape loop announcement telling listeners that GLR is no longer on the freq. and they should re-tune to 94.9 FM; this was followed by a 1000 Hz tone. U/ stn w/ BBC WS, SIO 222
1458	24	2147	ENGLAND - Greater Manchester R.: O/ a mess including the Albanian and the GLR tape-loop announcement. C&W song, "G-M-R Country" slogan over the end of it, then talk about parole violations. SIO 322
1467	22	2030	FRANCE Roumoules - light mx o/ Moldova
1467	22	2030	MOLDOVA Grigoriopol - f RR talk a bit u/ France
1475	24	2200	BENIN Cotonou - poor w/ m FF talk, then mx // 4870
1476	22	2230	AUSTRIA Wien-Bisamberg - strong w/ gypsy mx, then GG talk.
1476	22	2246	AUSTRIA Wien-Bisamberg - xlnt, electronic mx, GG talk.
1476	24	2245	AUSTRIA Wien-Bisamberg: 2 men in GG talked about modern mx, then avant-garde classical guitar work was played. SIO 444

1476	22	0607	ENGLAND Guildford - County Sound R. ID, Elton John song // 1521.
1476	24	2351	ENGLAND Guildford - County Sound R.: Deep fades, heard "on County Sound", played song "On Broadway" (// 1521). SIO 332 also 25 OCT at 0201: "American Pie" by Don McLean, clear ID, more mx (// 1521 was audible, but badly mauled by Saudi Arabia). 1000 Hz het (Benin - 1475) notched, SIO 333
1476	22	0241	UNITED ARAB EMIRATES Dubai - to fair peaks w/ Koran recitation // 11945; 0241-0248 GMT
1476	23	0215	UNITED ARAB EMIRATES Dubai - string interval mx // 11945 just before s/on. S/on w/ AA talk occurred prior to 0230 GMT.
1485	21	2345	SPAIN SER - weak, SS // 1584.
1485	22	0235	ENGLAND unID site - Brit.EE o/u Spain +also at 1940
1485	25	0515	ENGLAND unID site - 2 Brits w/ echo - BBC news // Bermuda - 1160; mixed w/ Spain
1485	22	0705	ENGLAND Carlisle (?) - m&f in EE w/ BBC news // 198; clobbered by stronger 1485 Spain graveyarders + also noted 23 OCT @ 0315, 24 OCT @ 0706-0708
1485	24	0730	ENGLAND Hull - R. Humberside noted w/ mention of 95.9 FM; poor to fair w/ Spain & other British stn.
1492.7	22	2020	unID [also at 22 OCT @ 2100 + 23 OCT @ 2209 + 24 OCT @ 2050]: AA talk & wild AA mx at times. This might be the 1492.7 station heard in 1991 and thought to be Ivory Coast. Note that signals then noted on 1492.7 and 1493 were presumed to be the same station. We now think that the one on 1492.7 might be a Moroccan because of fade times and a recollection by Neil of an off-freq. station that was once (though not currently) listed as in Marrakech. (Ideas anyone ?)
1493	24	2050	unID 1493.0 carrier on Afro-wire, different signal from that noted on 1492.7. Ivory Coast ?
1494	21	2146	RUSSIA Sankt-Peterburg - R. Moscow: World Service in EE w/ pgm. of folk mx. SIO 444
1494	23	2315	JORDAN Al Karanah - R. Jordan: Weak Koran, m in AA // 801, anthem to s/off at 2330:30. SIO 242
1502	24	2035	ANGOLA - E. P. do Benguela - man in PP, poor w/ 1503 QRM. Another weak carrier on 1502.4: Togo ?
1503	22	0725	AZORES Lajes - good in EE, C&W music, Navy and Air Force PSA's, CNN Headline Sports at 0732.
1503	23	0403	AZORES Lajes - AFRTS good w/ US EE news
1503	23	0922	AZORES Lajes - US news, sports; fair through the WTOP slop as late as 0930.
1503	22	0530	ENGLAND Stoke-on-Trent - ID "BBC Radio Stoke"
1512	22	0520	BELGIUM Wolvertem - f vocal // 927; WSSH phased
1512	23	0105	SAUDI ARABIA Jeddah - loud w/ m AA Koran chanting
1521	22	0521	SPAIN - SS talk
1521	24	2254	SAUDI ARABIA Duba - Koran recitation LOUD // 900
1521	22	0606	ENGLAND Reigate - County Sound R. ID o/ Spain
1521	24	2355	ENGLAND Reigate - County Sound R.: Oldies w/out announcements...Beach Boys, Petula Clark (// 1476). Deep fades, Spanish QRM, SIO 333-2
1530	22	0309	SAO TOME - VOA: fair, news in EE with reports on Somalia and Rwanda, African service // 7405.
1530	22	0715	ENGLAND unID local w/ oldies, EE talk; swamped by the 1-2 punch of Vatican & WCKY. + at 22 OCT @ 2220
1530	23	0750	ENGLAND Huddersfield - EE talk mentioning Bradford film festival after Monday, ID "Classic Gold, Huddersfield", through residual (fading) Vatican QRM w/ WCKY phased
1530	22	0300	IRAQ (t: clandestine) - chanting poor to fair in mix w/ VOA Sao Tome. Jean has previously logged this from St. John's. Jammer w/ low freq. noise (100 - 200 Hz) also noted
1530	22	2222	VATICAN - religious mx bombing out a British local we were trying to ID

1539	23	2220	GERMANY Mainflingen - DW foreign service
1544	23	2216	SAHARAN ARAB REPUBLIC (t: clandestine) - m AA talk
1548	22	1931	ENGLAND Bristol - ads, game results w/ Bristol City football team: they played to a 1-1 draw; then teletalk - LOCAL-LIKE !
1548	23	0630	ENGLAND Bristol -BBC R. Bristol: ID & news. SIO 333
1548	23	0800	ENGLAND BBC Bristol & Somerset Sound mentions, news, "That's It for Weekend West" after wx., 9:00 time-check. Other British QRM present.
1548	24	0100	ENGLAND London - Capital Gold: ID at TOH u/ BBC stn w/ World Service. SIO 222
1548	23	0135	unID (probably SRI LANKA): Deutsche Welle pgm of French mx ("Milord" by Edith Piaf) //6075 seemed to be in there for 5-10 sec. u/ British locals
1548	23	1930	unID (probably SRI LANKA): Quest for DW Trincomalee: mellow US soul f vocal, then apparent bits of Mary Hopkin song (//6075) through the Brits. Signal was followed from 1930-2000; it was threshold at best (or imaginary).
1557	22	1950	MALTA Cyclops - good, AA-style mx, // 9515.
1557	23	2159	MALTA Cyclops - Deutsche Welle IS good o/ others
1557	23	0822	ENGLAND Northampton - Northampton mention, phone call, 9:22 time check, oldies; fair in WQEW slop
1557	23	2244	ENGLAND Northampton - Northants. Supergold: Briefly o/ the other weak signals w/ 2 "Supergold" ID's. SIO 222
1557	22	0700	FRANCE Nice - good, rooster crow marking top-of-the-hour, news in FF.
1557	23	2150	LITHUANIA Vilnius - US MoR mx, talk // 9710; briefly o/ Malta / France / UK / possible others
1566	22	0745	AZORES Vila do Porto - good, s/on with anthem.
1566	22	2025	AZORES Vila do Porto - Em. do Clube Asas do Atlantico: PP pop song, then m ancr in PP talked to a child called Marie-Lise. Huge signal, but had been inaudible on the previous evening, SIO 544
1566	23	0930	AZORES Vila do Porto - PP in at this late time
1566	21	2329	BELARUS R. Moscow synchros: Mayak IS noted in a mess, and also more clearly at 2359 and at 0029 (21 OCT). SIO 221
1566	21	2332	INDIA Nagpur - AIR: Initially very weak with bits of audio in presumed Hindi, Indian film mx faded in and out 2355-0020, ID's at 0029 were muffled, Indian-accented EE news was followed by sports (boxing, football), lost or likely off at 0041 on 22 OCT. SIO 222-1
1566	25	0038	INDIA Nagpur - AIR: Indian-accented EE news by woman, u/ Azores
1566	21	2341	IRAN Bandar-Abbas - IRIB: Fade up w/ talk in Farsi, bits of audio during next half hour. SIO 222-1
1566	21	2325	TUNISIA Sfax - xnt, Koranic chants followed by s/off in FF at 2327.
1566	23	2157	TUNISIA Sfax - heavy drumming, violins, AA vocal at fairly low audio level on very strong carrier.
1575	24	0458	ITALY RAI R. Uno, synchros: Weird dripping noise, then RAI and "Radio Uno" ID's in II, pips at 0500 and romantic mx. Over Spain, SIO 433
1575	22	2228	ITALY - RAI fair, II talk with "RAI" ID, o/u Spain.
1575	21	2339	SPAIN SER - good, SS teletalk.
1575	22	2230	SPAIN - SER good, "La cadena SER" jingle and "deportivo" (sports) report, over Italy.
1584	21	2341	SPAIN SER - xnt, SS // 1575, noticeable echo from delay between network stations on the same freq.
1584	24	0005	ENGLAND unID sites - 3 different UK local stations: one w/ oldies/MoR, one w/ EE news, one w/ Eagles song
1593	22	0300	GERMANY Langenberg - xnt, instrumental mx leading up to time marker and top-of-the-hour ID.
1593	23	2122	EGYPT Matruh - Egyptian R.: Koran chant u/ Germany. SIO 222

1602	21	2343	SPAIN SER - good, SS // 1584.
1618.2	23	----	HOLLAND unID stn (Pirate): Freq slowly drifted up; hokey Dutch mx and C&W tunes; no announcements so no ID! Some deep fades and CW QRM, SIO 222 Early evening reception. Exact times not reported per requests of some of these stations.
1638	23	----	HOLLAND R. Barones (Pirate): For about 1 hour heard old-fashioned Dutch mx, Bonanza theme, and 4 or 5 "Baro" ID's, then US pop mx. Best signal ever for a TA pirate, SIO 343. See notes of 1618.2 regarding reception times.

Pan-American DX from the Newfoundland DXpedition / OCT 1993

FREQ.	DAY	TIME	LOCATION, PROGRAM DETAILS
535	22	0122	GRENADA St. George's-fair to good w/ m in Carib. EE
535	23	0349	GRENADA St. George's - fair, reggae mx; R. Vision Christiana phased.
535	23	0348	TURKS & CAICOS - SS religion atop Grenada.
555	22	0123	ST. KITTS & NEVIS Basseterre - ZIZ - m&f in EE.
555	23	0350	ST. KITTS & NEVIS Basseterre - ZIZ - good; reggae and urban mx.
560	24	0222	JAMAICA Kingston - JBC: fair, reggae mx including the EE version of "Me Vacila (Reggae Fever)".
560	25	0909	GUYANA Georgetown - V. of Guyana: Badly QRM'd by CHVO, local announcements, Hindi mx. SIO 422
595	22	0259	DOMINICA Hillsborough - Carib. EE talk w/ VOXM sloop
600	23	2133	BRAZIL Porto Alegre - ZYK278 - R. Gaucha: fair, news in PP by m&f anchors.
600	25	0257	BRAZIL Porto Alegre - ZYK278 - R. Gaucha: PP talk w/ list of frequencies, Porto Alegre mention, then R. Gaucha ID u/ CBNA St. Anthony, NF
600	25	0757	BRAZIL Porto Alegre - ZYK278 - R. Gaucha: Up briefly over CKCL w/ ID and freqs. VOXM-590 phased to reduce splatter, SIO 322
600	23	0636	VENEZUELA unID stn: Lottery numbers, mentioned Valencia, hyper DJ w/ Venezuelan mx. Became useless before an ID. SIO 322-1
600	23	2143	VENEZUELA - R.Mundial: poor to fair, news and sports, "Radio Mundial" IDs, many mentions of Caracas, unID xmtr site.
610	24	0701	BRAZIL unID stn: Stn in PP under CHNC, but ID's garbled by QRM. SIO 222-1
640	23	0620	GUADELOUPE Pointe a Pitre - RFO fair, m&f in FF, // 1375, o/u Cuba.
640	23	0626	GUADELOUPE Pointe a Pitre - RFO good w/ m&f FF talk // French Guiana - 1070 & St. Pierre - 1375.
640	24	0740	GUADELOUPE Pointe a Pitre - RFO: m FF talk, possibly w/ wx. summary for France. It was only noted when massive "Portenas 6-40" had no mx. SIO 222-1.
640	23	0416	ECUADOR Quito - HCXY1 - R. Nacional: Two "R. Nacional" ID's, SS talk re terrorism in Ecuador and support for the Armed Forces by the Ecuadorian people ... reception deteriorated as Cuba became stronger. SIO 232
640	23	0430	CUBA Guanabacoa / Las Tunas - R. Progreso good, "La Habana" ID and salsa / tropical mx.
640	23	0455	CUBA Guanabacoa / Las Tunas - R. Progreso ID good o/ others w/ Spain - 639 het notched; CBN off.
640	23	0458	CUBA Guanabacoa et al. - R. Progreso: Emerging over Ecuador, sports news and ID. SIO 332
640	24	0738	VENEZUELA Puerto la Cruz - YVQO - Portenas 640: SS ballad over v. weak Guadeloupe, ID at 0740:30. SIO 444
660	22	0300	ST. LUCIA Castries - jazz, ID "Radio St. Lucia"; good, o/ WFMN.
660	22	2149	ST. LUCIA Castries - R. St. Lucia: Caribbean - accented ads and local PSA's. SIO 333



660	24	0219	ST.LUCIA Castries - fair, continuous soca mx.
670	22	0329	VENEZUELA Caracas - YVLL - loud w/ Rumbos doorbells, SS news.
670	25	0309	VENEZUELA Caracas - YVLL - chimes, "Notirumbos Informa" news pgm; xlt
670	23	0740	ARGENTINA Mar del Plata - LRI209 - SS talk, mx, R. Mar del Plata ID.
670	23	0740	ARGENTINA Mar del Plata - LRI209 - fair, "Radio Mar del Plata" ID in SS talk, Argentinian mx. + also heard tentatively on 25 OCT @ 0743-0820.
673a	22	0305	CANADA Grand Falls, NF - (domestic spur) C&W mx., raspy audio of CKIG (680). Signal on 680 was actually getting wiped by WRKO some of the time !
690	22	0306	ANGUILLA - The Valley - Carib. Beacon - EE preaching: XLNT. + also good OCT 25 @ 0310
700	24	0213	VENEZUELA Puerto Ordaz - YVPQ - R. Sur: xlt, "Radio Sur" ID and salsa / merengue / rap mx.
700	25	0304	unID - SS "Radio 700" slogan, SS mx - Venezuelan ?
720	23	0210	VENEZUELA Porlamar - YVQE - R.Felicidad: fair, "720 AM" IDs, SS tropical mx.
730	23	0554	MEXICO Mexico City - XEX - good o/u CKAC, Mexican festival promo, "La Super X" ID, anthem before 0600.
730	23	0900	TRINIDAD & TOBAGO Port of Spain - fair, Hindu or Islamic prayers and mx, woman w/ heavy Caribbean EE accent, over CKAC.
740	22	2356	BRAZIL Salvador - ZYH446 - R. Sociadad da Bahia: ID and basketball play-by-play. QRM from local CHCM, SIO 333
740	23	0839	VENEZUELA Puerto Ordaz - YVNO - R. Caroni: fair, many IDs, local mx, UTC-4 time checks, o/u CHCM.
750	24	0339	VENEZUELA Caracas - YVKS - R. Caracas: good, "Radio Caracas Radio, Red Nacional de Noticias" news and commentaries.
750	24	0728	BRAZIL Belo Horizonte - ZYL213 - R. America: PP ads, "Radio America" ID at 0729, more ads, then mx. O/ another unID ZY w/ news, SIO 332
760	23	0611	CUBA Las Mercedes / Guanabacoa - R. Reloj pgm
760	23	0912	VENEZUELA Puerto la Cruz - YVQQ - R. Doble Q: 0912 good, ID with UTC-4 time check "Cinco-y-doce Doble Q".
760	22	0133	GUYANA Georgetown -SRG-Hindu mx, accented EE; fair.
760	23	2200	GUYANA Georgetown - SRG - good, EE talk, Hindu style mx, mention of FM.
760	25	0843	GUYANA Georgetown - R. Roraima: Guitar solo IS until 0857 when had choral anthem, pledge to Guyana and at 0859 nice s/on announcement and ID, C&W song. SIO 444
770	22	0417	COLOMBIA Bogota HJXX - RCN net news in SS
770	23	0914	COLOMBIA Bogota - RCN: good w/ news, "Radio Cadena Nacional... de Colombia la nuestra" ID.
800	23	0400	NETHERLANDS ANTILLES Bonaire - PJB - good, religion in EE, then s/off with anthem at 0401.
810	23	0922	COLOMBIA Bogota - HJCY - CARACOL: fair, many mentions of Colombia in political discussion.
820	21	2306	VENEZUELA (t) - R. Vision ID, salsa mx; good,
820	23	0928	VENEZUELA Coro - YVXG - R. Guadalupana: good, "por Guadalupana... la diferencia" and "la emisora numero uno en Falcon" promo IDs.
840	23	0934	COLOMBIA Neiva - HJKK - fair with "Doble K" IDs.
840	23	2140	BRAZIL Sao Paulo - ZYK687 - R. Bandeirantes: good, PP talk, "Goaaaali" futbol promo, ID.
840	25	0324	BRAZIL Sao Paulo - ZYK687 - Bandeirantes ID, then romantic PP song; xlt
840	25	0252	BRAZIL - probably Sao Paulo - PP mentioned song "Ma Cherie Amour", then faded u/ SS LA
850	25	0216	URUGUAY Montevideo - CX16 - 2 men in SS, several Montevideo mentions, something "para el Uruguay"
850	25	0409	URUGUAY Montevideo - CX16 - xlt w/ "R. Carve de Montevideo" ID

860	24	0335	BRAZIL Rio de Janeiro - ZYJ459 - R. Mundial: xInt, "...do Mundial" promo in PP talk.
870	22	0345	COLOMBIA Barranquilla - HJSB - R. Mar Caribe: O/ Argentina w/ fast-paced Colombian football talk. SIO 333
870	23	0216	ARGENTINA Buenos Aires - LRAL - R. Nacional: Mixing w/ other stn in SS (w/ baseball game Los Caimanes versus ??); Argentinian mx, ads for show in BA and for "Medicor-Argentina". SIO 322
870	24	0320	ARGENTINA Buenos Aires - LRAL - R. Nacional: good, classical/SS orchestral mx, news at 0330.
870	25	0213	ARGENTINA Buenos Aires - LRAL - R. Nacional: huge w/ SS talk mentioning "para todo los ... de Argentina".
880	23	0434	VENEZUELA Puerto Ordaz - YVYM - Mundial 880: Sports results in SS under WCBS. SIO 322;
880	24	0753	VENEZUELA Puerto Ordaz - YVYM - LA mx, "Mundial" ID and jingles, more ads. Impossible without phasing WCBS, SIO 322
885	24	0136	MONTSERRAT Plymouth - ZJB - fair, soca mx including the hit single "I Love Soca".
885	25	0212	MONTSERRAT Plymouth - ZJB - big OC noted here 12 minutes after their 0200 GMT s/off.
890	25	0905	VENEZUELA El Tigre - YVVO - R. Oriente: ID and tail-end of s/on announcement, Venezuelan harp mx and untalented singing. SIO 333
895	24	0131	ST. KITTS & NEVIS Charlestown - VON: poor to fair; dancehall reggae mx.
900	24	0647	BRAZIL Rio de Janeiro - ZYJ454 - R. Tamoio: Brazilian ballads, "Tamoio" ID at 0656. SIO 333
900	25	0904	VENEZUELA Maracaibo - YVMD - R. Mara: "Hora Super Radio" TC, lottery results. SIO 433
940	22	0350	BRAZIL - m PP talk
940	24	0850	CUBA Colon / Holguin - Reloj ticks, SS news, Morse "RR" (.-. .-. ) pips each minute through unID SS LA & WINZ (FL)
950	24	0933	CUBA Sancti Spiritus CMHI - Reloj ticks, SS news, Morse "RR" (.-. .-. ) pips each minute mixed w/ YVKG w/ CHER phased
950	23	0630	VENEZUELA Caracas YVKG - Venezuela news o/u CHER.
950	23	0320	VENEZUELA Caracas - YVKG - Informativa 950: Venezuelan political news, ID and TC at 0325. O/ other SS stns, SIO 433
950	24	0844	VENEZUELA Caracas - YVKG - Venezuela news in SS o/u CHER.
960	25	0920	VENEZUELA Maturin - YVRB - R. Monagas: Announcement for Monagas, Venezuelan mx. O/ CHNS, SIO 444
980	24	0106	BRAZIL Brasilia - ZYH707 - R. Nacional: poor, news in PP, "Radio Nacional" promo.
980	25	0817	BRAZIL Brasilia - ZYH707 - R. Nacional: CBV and a stn in SS faded down to reveal this w/ PP ads, clear jingles, cock-crows and "Radio Brasileira Federal" ID. SIO 333
1020	22	0035	TURKS & CAICOS - talk "Caribbean Christian Radio from the island of Grand Turk", gospel; good, o/YVRS
1024.5	22	0359	COSTA RICA (t) - Very weak w/ man talk, too poor to have a chance to determine language, much less ID, however a Costa Rican is known to be here. SIO 131
1030	23	0808	ARGENTINA Buenos Aires - LS10 - R. del Plata: good, "Radio Noticias del Plata" local news and wx., "mil-treinta AM" ID.
1030	24	0122	ARGENTINA Buenos Aires - LS10 - R. del Plata: good, classical mx, o/u Brazilian station.
1030	25	0204	ARGENTINA Buenos Aires - LS10 - R. del Plata ID; huge signal on Brazil-Bev that nulled WBZ.

1030	22	0018	BRAZIL unID city - PP heard at 0018 & 0040, no ID's; o/u Argentina / WBZ.
1030	24	0110	BRAZIL unID city - 0110-0400+ good/xlnt, non-stop PP talk, sounded like preaching/religion, never any hint of an ID.
1040	21	2252	BRAZIL Sao Paulo - ZYK537 - PP talk, very good.
1040	22	0033	BRAZIL Sao Paulo - ZYK537 - almost local-like w/ Capital Brazil slogans, Jornal Capital mentions.
1040	24	0251	BRAZIL Sao Paulo - ZYK537 - R. Capital: xlnt, "La Capital" IDs, "...aqui en la capital" and Sao Paulo mentions in PP talk.
1040	24	0801	BRAZIL Sao Paulo - ZYK537 - R. Capital: Humungous signal w/ "Capital" ID's. SIO 455
1070	23	0524	FRENCH GUIANA Cayenne - m FF talk // 162 Allouis. Signal u/ CBA OC, o/ SS LA & CHOK.
1070	23	0625	FRENCH GUIANA Cayenne - RFO fair, FF // 1375 & 640.
1100	22	0428	BRAZIL Sao Paulo ZYK694 - loud w/ PP ads for things in Sao Paulo.
1100	22	0427	ANTIGUA St. John's - ZDK - Carib. EE, soul mx behind Brazil
1100.3	22	2342	COLOMBIA ? unID stn: Poor w/ mx, after song male ancr in SS mentioned Bogota. Deep, long fades, SIO 242
1110	22	2331	VENEZUELA Carupano - YVQT - R. Carupano: Anuncios w/ Rumbos-style doorbells between items, local news called "Noti-Carupano". SIO 344
1120	22	0113	BRAZIL Porto Alegre - ZYK274 - PP "Radio 1120" ID, fanfare, then love song.
1130	23	0620	BRAZIL Rio de Janeiro - ZYJ460 good w/ PP talk; WBBR (NYC) phased.
1130	23	0503	BRAZIL Rio de Janeiro - ZYJ460 - R. Nacional: PP talk and ID u/ WBBR. SIO 322
1150	25	0529	BRAZIL Sao Paulo ZYK656 - ID "Tupi, La Musica", then romantic PP f vocal, "Tupi" ID at 0532
1150	22	0200	BRAZIL unID site - PP, taped for later analysis
1150	25	0421	BRAZIL unID site - PP talk
1160	22	0205	BERMUDA Hamilton VSB3 - BBC news atop 1161 het
1160	25	0020	BERMUDA Hamilton VSB3 - BBC news; good-almost alone
1170	22	0416	COLOMBIA Cartagena - HJNW - good, "la compania CARACOL" promo, o/u WVA.
1180	22	0213	CUBA Villa Maria - R. Taino: fair, Cuban big band style mx, o/ WHAM.
1200	22	2055	BRAZIL Fortaleza ZYH585 - PP talk good on Brazil-Bev; among the earliest sunset-period Brazilians fade-ins
1220	22	0050	BRAZIL Rio de Janeiro - ZYJ458 - R. Globo: PP; xlnt
1230	25	0505	BERMUDA Hamilton - ZFB w/ BBC news // 1160 when checked 0505-0508; later had accented f in EE who mentioned ZFB and played MoR / adult-contemporary mx. Poor to fair o/u SS LA's
1230	25	0335	COLOMBIA Cali - HJLK - SS talk, Colombia mention, R. Calidad ID before fade u/ others. Neil got this very well on a recent trip to Costa Rica.
1230	25	0140	VENEZUELA unID site - "La ... Radio AM", Venezuela SS mentions (ads?), lively LA mx. o/ EE religion (domestic ?) and PP (pres. Brazil)
1240	25	0130	unID - romantic SS mx o/ other SS LA's
1240	25	0228+	BRAZIL unID site - Neil chased this thing for quite a while, but no ID. Ads frequently noted mentioning "La cidade" (the city). 25 OCT times: 0228-0232, 0238-0240, 0245-0247, 0324-0327, 0347-0352, 0415, 0500, 0539.
1260	25	0052	BRAZIL Sao Paulo ZYK688-PP religion as heard in '91
1280	21	2257	BRAZIL Rio de Janeiro - ZYJ455 - R. Tupi: excited PP, atop CJMS.
1280	24	0400	BRAZIL Rio de Janeiro - ZYJ455 - R. Tupi: xlnt, "...domingo show do Tupi" PP pop mx.
1290	25	0358	VENEZUELA Puerto Cabello - YVLF - time check, SS mx & EE oldies; very good.
1300	22	0008	BRAZIL Fortaleza -PP talk, sirens- better on 25 OCT

1300	25	0142	BRAZIL Fortaleza - ZYH586 - right on freq. w/ PP talk, R. Iracema ID, jingle w/ fast sirens;o/SSLA's
1330	21	2310	PUERTO RICO Penueles - WENA - La Buena ID's, Puerto Rico mentions. Not a daytime-only station; it was monitored from 2310 - 2350. Disco ads w/ prices in dollars, "la hora diferente" mentions.
1350	25	0055	PUERTO RICO Vega Baja - WEGA - SS religious pgm., mentioned Manati, SS W-E-G-A ID and "La Wega" slogan; 0055-0059 GMT - then it faded into mess of SS LA's.
1360	25	0111	BRAZIL Rio de Janeiro ZYJ464 - PP religion as in '91
1420	25	0354	VENEZUELA Maracaibo - YVNZ - R. Marabina ID, live SS mx faded up above the mess.
1450	25	0502	COLOMBIA Manizales HJNL - SS talk w/ many "RCN" network ID's, Colombia mention, "Buenos Noches", then s/off at 0504 leaving unID C&W station.
1450	24	0234	VENEZUELA Catia la Mar - YVKJ - R. Sonera 14-50: fair, song about Venezuela, many "Sonera 14-50" and Caracas mentions.
1450	25	0355	VENEZUELA -probably YVKJ w/Venezuelan anthem in QRM
1470	23	2353	VENEZUELA Carupano - YVSY - R. Vibracion: good, baseball with many commercial announcements, like "Banco Latino, banco de hoy".
1480	24	0003	PUERTO RICO Fajardo - WMDD - xint, 'boxeo' (boxing) wrap-up, UTC-4 time check and ID "Esta es WMDD Fajardo, Puerto Rico..."
1500	23	0526	VENEZUELA Cumana - YVRZ - R. Dos Mil: "En dos mil, la una veinte y seis minutos" time check, o/ WTOF.
1500	25	0323	VENEZUELA Cumana - YVRZ - "Dos Mil, la Senal de las noventas". time check; very good o/ WTOF
1505	25	0110	ANGUILLA The Valley - R. Anguilla to good peaks w/ reggae / Caribbean island instrumental & vocal mx
1520	24	0020	PUERTO RICO San Juan - WRAI - good, salsa mx, "Radio Aeropuerto Internacional" IDs.
1550	23	0342	BRAZIL unID stn: PP talk mentioned Pernambuco, but no stn from that state is listed on this freq. SIO 222
1550	25	0030	BRAZIL / unID - PP / SS mix; Neil taped it.
1550	22	0242	COLOMBIA Barranquilla - HJCB - R. El Sol: Initially two SS stns were mixing; vacuous chat, finally ID'ed in a promo for their football coverage and then I was surprised that they went off w/ anthem at 0300*. SIO 333
1550	25	0107	COLOMBIA Barranquilla - HJCB - R. El Sol ID, SS GMT-5 time check.
1570	22	0323	DOMINICAN REPUBLIC Santo Domingo - HIAJ - R. Amanecer Internacional: EE ID then religious pgm. began, I think its name was "Real World Story Hour". SIO 232
1571.7	23	0043	BRAZIL Santo Andre, SP - ZYK651 (250 watts !) - This was monitored on & off by Jean from 0043-0307: Stable on this freq. (as it was when checked on subsequent nights); religious programming, played the "Exodus" theme with canned ID's, unequivocal "Radio Emissora A. B. C." ID's at 0122 and 0300, Holy Rosary noted at 0234 and at 0301 from this off-frequency Brazilian graveyarder.
1580	23	0224	BRAZIL unID stn: Initially alone on freq w/ ads and Brazilian mx, but CBJ came up quickly to wipe it out. SIO 232
1600	22	2205	USA - Sag Harbor, NY - WLNG: While not actually looking for domestics, this 500-watt daytime popped up (over WUNR) w/ ad for company on the Montauk Highway, clear jingle ID, then "Bye-Bye Love". SIO 322
1600	23	0658	USA Brookline, MA - WUNR - good w/ R.Internacional SS programming, "Nuevo Mundo" nightclub ad, EE ID at 0700.
1610	23	0705	ANGUILLA The Valley - EE talk. "LGB TLX" & "GCC1" CW beacon pests near channel - these 2 beacons are also audible at eastern MA QTH's.

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