

February 22, 1997 - Volume 34 - Number 23 - Edition 1116-ISSN 899-9733

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FROM THE PUBLISHER: Lateness of the DX Monitor due to illness and I am still not 100 percent, but I am slowly getting better. This is the last of the weeklies which is nice for the Editors and Publisher.....

1997 IRCA CONVENTION: July 25, 26, 27 Holiday Inn 3131 S Bristol Costa Mesa CA 92626. Make reservations with sales department at 1-714-557-3000, be sure to mention convention rate. Registration fee \$35.00 payable to: Mike Sanburn PO Box 1256 Bellflower CA 90707. Be sure to get your \$35.00 in early so Mike can keep things in order.....

IRCA MEXICAN LOG - 4th EDITION: The IRCA is proud to announce the release of the 4th edition of its MEXICAN LOG. The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1990 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1994 edition and carefully cross-checked by IRCA members in Mexico and the US. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional). Prices: IRCA/NRC members - \$6.50 (US/Canada/Mexico seaimail), \$7.50 (rest of the Americas airmail), \$8.00 (Europe/Asia airmail), \$8.50 (Australia/New Zealand airmail). Non-members: add \$2.00 to prices. Order from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117. *****

RENEWING: Please note the numbers above your name on the address label this is your expiration number, a 34-23 means your membership in the IRCA will expire with this issue. I will rubber stamp a reminder on the front page of your DXM and I will try to remind you 2 issues before you expire. If you have not renewed on time your name will be removed from the address list, so please try to renew early...Thanks.....

WBBW 1240 AM

DX TEST BULLETIN

**** DX TESTS ARRANGED BY IRCA, NRC, AND OTHERS ****

NOTE: EVEN IF YOU DON'T HEAR THE TEST, BE SURE AND DROP A CARD, LETTER, OR E-MAIL TO THE STATION PERSONNEL, THANKING THEM FOR THEIR TROUBLE.

MONDAY, FEBRUARY 24 - THURSDAY FEBRUARY 27, 1997 - WWCN-770, P.O. BOX 9600, ESTERO, FL 33928 WILL TEST AT 1,000 WATTS DIRECTIONAL BETWEEN 12:30 & 1:00 AM EST EVERY MONDAY THROUGH THURSDAY DURING THE MONTH OF JANUARY. THE TEST WILL INCLUDE MORSE CODE ID'S INSERTED DURING THEIR REGULAR PROGRAMMING OF OLD-TIME RADIO SERIALS AND VIINTAGE COMEDY RECEPTION REPORTS MAY BE SENT TO: MR. "JOEY C." - PROGRAM DIRECTOR. (ARRANGED J.D. STEPHENS FOR THE IRCA CPC).

SATURDAY, FEBRUARY 22, 1997 - WPPI-1330, CARROLTON, GA WILL TEST AT 500 WATTS NONDIRECTIONAL BETWEEN 12:00 & 2:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, TEST TONES, AND POLKAS. PREPAID PHONE CALLS WILL BE ACCEPTED DURING THE TEST AT (770) 838-9774. RECEPTION REPORTS MAY BE SENT TO: MR. BILL ALISAUSKAS, 7548 HILLSIDE DRIVE, DOUGLASVILLE, GA 30134. (ARRANGED BY BILL ALISAUSKAS FOR THE IRCA AND NRC).

SUNDAY, FEBRUARY 23, 1997 - KIMM-1150, BOX 8205, RAPID CITY, SD WILL TEST AT 500 WATTS DIRECTIONAL BETWEEN 2:00 & 3:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S AND VOICE ID'S. RECEPTION REPORTS INCLUDING AN SASE MAY BE SENT TO: MR. GARY PETERSON (K0CX) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: rrr@rapidcity.com

MONDAY, FEBRUARY 24, 1997 - KALM-1290, P.O. BOX 15, THAYER, MO 65791 WILL CONDUCT A REPEAT DX TEST AT 1,000 WATTS NONDIRECTIONAL BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE WATSON (KB0YF) - PROGRAM MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: Watson@evergreen.net

SATURDAY, MARCH 2, 1997 - WCGW-770, 3950 LEXINGTON ROAD, VERSAILLES, KY 40383-1742 WILL TEST AT 1,000 WATTS NONDIRECTIONAL BETWEEN 5:15 & 5:45 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, "DISTINCTIVE" TEST TONES, PLUS POLKAS AND OTHER MUSIC. PREPAID PHONE CALLS WILL BE ACCEPTED DURING THE TEST AT (606) 245-1770. RECEPTION REPORTS MAY BE SENT TO: MR. TOM MULVANEY. (ARRANGED BY TOM MULVANEY FOR THE IRCA AND NRC).

MONDAY, MARCH 3 - THURSDAY MARCH 27, 1997 - WWCN-770, P.O. BOX 9600, ESTERO, FL 33928 WILL TEST AT 1,000 WATTS DIRECTIONAL BETWEEN 12:30 & 1:00 AM EST EVERY MONDAY THROUGH THURSDAY DURING THE MONTH OF MARCH. THE TEST WILL INCLUDE MORSE CODE ID'S INSERTED DURING THEIR REGULAR PROGRAMMING OF OLD-TIME RADIO SERIALS AND VIINTAGE COMEDY RECEPTION REPORTS MAY BE SENT TO: MR. "JOEY C." - PROGRAM DIRECTOR. (ARRANGED J.D. STEPHENS FOR THE IRCA CPC).

MONDAY, MARCH 3, 1997 - KFGO-790, 1020 25TH STREET SOUTH, FARGO, ND 58103 WILL TEST AT 5,000 WATTS NONDIRECTIONAL BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. MARTY BERLINGER - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by a knowledge of SR/SS times. Prices: IRCA/NRC members - \$2.25 (US/Canada/Mexico/seamail), \$2.75 (rest of the Americas airmail), \$3.00 (Europe/Asia airmail), \$3.50 (Australia/New Zealand airmail). Non-members: add \$1.00 to the above prices.

Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

BROADCASTING INFORMATION

EDITOR: ROBERT WIEN
1309 DENTWOOD DRIVE
SAN JOSE, CA. 95118-3020
PHONE: 408-265-5686
E-MAIL: RJWMAIL@WEBTV.NET



DEADLINES: 2nd & 4th Saturdays.

Compiled: 02/12/97

Much of this information was compiled from M Street Journal, DXM, and various other sources.

YOU CAN NOW E MAIL ME TIPS AT THE ABOVE ADDRESS!!

CONSTRUCTION PERMIT ACTIVITY:

CA. Carmichael	KFIA-710	inc. to 25000/1000 DA-2
CO. Colorado Springs	KCMN-1530	inc. to 3000-D, 1000-CH, ND
Durango	KIUP-930	dec. to 100-N, ND
FL. DeFuniak Springs	WGTX-1280	moves to 890 khz., 2500-D, ND
MI. Benton Harbor	WHFB-1060	add 1-N, ND
NV. Las Vegas	KENO-1460	inc. to 10000/625 DA-2
OR. Salem	KSLM-1390	dec. to 690-N
TX. Farwell	KIJN-1060	inc. to 10000-D, DA
AB. Grande Prairie	CFGP-1050	moves to 97.7 FM
NB. Fredericton	CFNB-550	moves to 106.9 FM

FACILITY & PARAMETER APPLICATIONS:

CA. Big Bear Lake	KBBV-1050	dec. to 250-D, ND
HI. Honolulu	KOHO-1170	dec. to 4000-N, ND
MI. Frankenmuth	WKNX-1210	inc. to 5000-D, 2500-CH, ND-D
NY. East Syracuse	WSIV-1540	move to 670 khz., 1000-D, ND
TN. Maryville	WKCE-1120	inc. to 1000-D, ND
WI. River Falls	WEVR-1550	dec. to 920-D, ND
PQ. Montreal	CEM-940	move to 88.7 FM
	CBF-690	move to 95.1 F
Quebec City	CEV-980	move to 106.3 FM
Verdun	CKVL-850	move to 95.1 FM

FACILITY & PARAMETER GRANTS:

AL. Pepperell	WTLM-910	dec. to 650/650 ND
CA. San Rafael	KNOB-1510	inc. to 8000-D, DA
CO. Deer Trail	KTMG-1370	move to 820 khz., 700-D, DA
FL. Jupiter	WMLZ-1000	add 17-N, ND-1
KS. Topeka	WREN-1250	inc. to 15000/3700 DA-2
PA. Pittsburgh	WAMO-860	inc. to 830-N, DA-2
TX. Mineola	KVCI-1510	change to DA-D

CALL LETTER CHANGES:

AL. Hanceville WRJL-1170 becomes WXPB

CA. Santa Barbara	KSPE-1490 becomes KBKO
TN. Germantown	WNWZ-1430 becomes WOWW
Knoxville	WUTK-850 becomes WIOL
TX. Creedmore	KWTR-1530 requests KNEZ
WI. Sun Prairie	WMAD-1190 requests WNNC
NB. Fredericton	CFNB-550 becomes CIBX-FM (move to FM)
ON. North Bay	CFCH-600 becomes CKAT

FORMAT CHANGES:

CA San Jose	KKSJ-1370 was AS, adds ABC AS
FL. Bushnell	WKFL-1170 was Xtian country, now Prime sports
GA. Swainsboro	WJAT-800 was s. gospel, talk, to be country// FM (March)
ID. Boise	KBSU-730 was ethnic, variety, now jazz, SS var.
Twin Falls	KEZJ-1450 was variety//KBSU, now jazz, SS//KBSU
IN. Marion	WBAT-1400 was AC, now oldies
Rensselaer	WRIN-1560 was country, adds ABC Real C&W
KY. Louisville	WIMT-620 was country, now 1 on 1 sports
LA. Houma	KJIN-1490 was positive country, now black gospel
MA. Framingham	WKOX-1200 was nx, talk, adds brokered ethnic (carries Creole, SS from 9 AM-5 PM)
MO. Mexico	KXEO-1340 was oldies, now gold-based AC
NY. Ithaca	WTKO-1470 was nx, talk, now sports
NC. Williamston	WIAM-900 was Xtian C&W, now BEN religion
OR. Albany	KRKT-990 was country//FM, now classic country
PA. Corry	WWCB-1370 was AC, adds Prime sports
TX. Edna	KTMR-1130 was silent, now SS c. Xitan//KTNR
Mineola	KVCI-1510 was Xtian, country, now country
WA. Enumclaw	KENU-1330 was silent, now alternative//KGRG
Walla Walla	KGDC-1320 was Xtian country, now religion
MB. Winnipeg	CKY-580 was oldies, adds Telemedia sports (PM's: Phoenix Coyotes hockey, Toronto Bluejays baseball)
ON. Kapuskasing	CKAP-580 was Pelmorex AC, now Pelmorex C&W
London	CJBK-1290 was oldies, adds talk, sports
North Bay	CKAT-600 was CFCH, oldies, talk, now country
Sudbury	CHNO-550 was nx, talk, sports, now Pelmorex oldies

SECTION #2:

AL. Brewton	WERJ-1240 was AC, country, now oldies
Hanceville	WXRJ-1170 was WRJL, s. gospel, now classic C&W
AR. Malvern	KBOK-1310 was country//FM, now classic country
North Little Rock	KRNN-1380 was nx, talk//KARN, now AP nx
IL. Belleville	WIBV-1260 was nx, talk, now talk
IA. Indianola	KBAB-1490 was KXLQ, sports//FM, now JSN stds.
KS. WIchita	KNSS-1240 was nx, talk, adds Major talk
KY. Fort Campbell	WABD-1370 was urban, to be on 1 on 1 sports
MA. Middleborough	WCEG-1530 was silent, now radio reading service
MN. Park Rapids	KPRM-870 was country, talk, adds Branson country
St. Paul	WDGY-630 was silent, now JSN oldies
MO. St. Louis	KTRS-550 was KSD, nx, talk, still nx, talk
	WKBQ-1380 was CHR//FM, now country//WKKX
	KATZ-1600 was talk, now blues, talk
NC. Henderson	WIZS-1450 was country, adds Branson country
OR. Salem	KSLM-1390 was silent, now JSN oldies
PA. Bloomsburg	WJMW-550 was talk, now JSN AS
SD. Yankton	WNAX-570 was full service, adds 1 on 1 sports
TN. Humboldt	WHMT-1190 was AC//FM, now 1 on 1 sports
TX. Waco	KKTK-1460 was sports, adds 1 on 1 sports
VA. Lebanon	WLRV-1380 was country, adds Branson country
WA. Vancouver	KVAN-1550 was nx, talk, adds Major talk
WV. Madison	WZAC-1450 was country//FM, adds Branson C&W//FM
WI. Berlin	WISS-1090 was country//FM, adds Branson C&W//FM

FORMAT CHANGES (CONT.):

SECTION #3:

AL. Eufalfa	WULA-1240	was nx, talk, now CHR//FM
Huntsville	WDJL-1000	was WWI stds., now WWI oldies
Opelika	WZMG-1520	was R&B oldies, rptd. silent
Pepperell	WTLM-910	was silent, now ABC Urban gold
AK. Long Island	KABN-840	was silent, now all wx (1000 watts)
Soldotna	KSLD-1140	was ABC classic rock, now ABC oldies
CA. Concord	KRHT-1480	was silent, now all wx (25 watts)
Long Beach	KGER-1390	was religion, adds Michael Regan (was rumored to go silent 2/1, but still on the air as of 2/13-ed.)
Los Angeles	KIIS-1150	was CHR//FM, to be sports
San Rafael	KNOB-1510	was jazz, now classical//KKHI-FM.
Sonora	KVML-1450	was nx, talk, adds Daybreak USA
CO. Buena Vista	KDMN-1450	was country, talk, rptd. silent
Dillon	KPTH-1130	was country, adds Dr. Laura
Granby	KRKY-930	was country//KPKM, adds Dr. Laura//KPKM
Vail	KSKE-610	was country, talk, rptd. silent
CT. Ridgefield	WREF-850	was oldies, now AC, talk//WLAD
Torrington	WSNG-610	was silent, now WWI stds., talk
IL. Chicago	WJJD-1160	was stds., talk, now oldies//WJMK, to be sports soon
MI. Detroit	WXYT-1270	was talk, adds Imus
NM. Albuquerque	KZSS-610	was rock//KZRR-FM, now Imus, ABC Motiv.
OK. Duncan	KRHD-1350	was country, now nx, talk
Lawton	KSWO-1380	was hot AC//KRHD-FM, now nx, talk//KRHD
PA. Columbia	WNZT-1580	was talk, rptd. silent
Reading	WIOV-1240	was talk, sports, nx, adds SS 8PM -12 AM
WA. Oak Harbor	KJTT-1110	was silent, now talk
Quincy	KWNC-1370	was talk, now Branson country
WV. Madison	WZAC-1450	was country//FM, adds Branson C&W//FM

Ye editor passes on the following tip:

CA. Santa Clara KNTA-1430 had been silent a few days, back on air, using "K-buena" slogan, don't know why was o

Curtis McMenamin of Vallejo, CA. passes on the following tip:

CA. Costa Mesa KNNZ-540 1650 outlet will be on air 3/1 per call to station

Herbert Newberry, Jr. of Newberry, GA. passes on the following tips:

GA Atlanta WGST-640 starting 2/8, carries Gardening program 6-10 AM Sat., 10 AM-noon Sun.

W@XI-790 to be Kidstar about 2/1

WPLO-910 was C&W, now Tex-mex "Radiomex"

Gary Jackson of Sacramento, CA passes on the following tip:

CA. Simi Valley KWNK-670 will increase night power (to ???)

Rich Toebe of Concord, CA passes on the following tips:

CA. Vallejo KXBT-1190 now running eastern Asian programming during week, on Sunday mornings still runs black gospel not//1630.

Sacramento KMJI-1380 now sim. KSFM-102.5 FM Woodland, CA.

Rich also confirms earlier column info for KNOB-1510 CA., Curtis also confirms earlier column info for KXBT-1190 from above.

Eric Bueneman, CA. of Hazelwood, MO. confirms earlier column info on WIBV-1260 IL., KTRS-550 MO., WKBQ-1380 MO. and KATZ-1600 MO.

J.D. Stephens of Hunstville, AL. confirms earlier info on WDJL-1000 AL., they are also now using slogan "Gold 1000".

Eric Bueneman also passes on some additional tips:

IL. East St. Louis WESL-1490 was urban oldies, adds talk
MO. St. Charles KIRL-1460 was gospel/jazz, running daytime
only right now

I now have E mail, but be aware I have WebTV so I can only video-tape your Email right now, so hopefully I won't lose any of your tips! Wow, what a long column, my fingers hurt. Valentine's Day is tomorrow, surprise your sweetie with some 'lovely' DX! 73's.



OFFICE PH: (07) 5538 1620 • FAX: (07) 5570 1621
P.O. BOX 609, NERANG QLD 4211



DEAR LISTENER.

Thanks so much for your recent reception report and your interest in our station.

I am happy to inform you that the station you received was indeed AUSTRALIAN DANCE RADIO 1620 AM.

Here's a little information on our station -

STATION FREQUENCY 1620 AM
BROADCASTING FROM Gold Coast, Queensland, Australia.
BROADCAST CAPACITY 400 Watts.
FORMAT Nightclub type Dance Music
BROADCAST TIMES Fulltime, 24 hours per day.
ADDRESS P.O. Box 609, Nerang, Queensland, Australia, 4211.
TELEPHONE 61 07 55381620
FAX 61 07 55701621
CONTACT Station Manager.

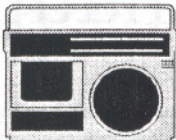
If you have any further enquiries please feel free to contact us at any time.

I have enclosed a station bio and sticker for your enjoyment.

Regards,

S. W.

Stephen Harvey,
Chairman.



WESTERN DX ROUNDUP

Nancy Johnson
979 Neptune Boulevard
Billings, MT 59105-2129

 **PRODIGY**
MPNN49B

Electronic Mail: Internet: Nancy_Johnson@prodigy.com

America On Line: WDXR Compuserve: 74444,3075 Prodigy: MPNN49B

WDXR DEADLINES: March 14, April 4, May 2, June 6, July 3, Aug. 1, Aug. 22, Sept. 5, Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (DG) Dennis Gibson-442 Ellwood Beach Drive #3-Goleta, CA 93117 dcgibson@themall.net
GE Superadio II and car radio in 1995 Saturn
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504
- (PT) Pete Taylor-6002 Bayview Dr. NE-Tacoma, WA 98422-1227
Sony 2010
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio II, GE long-range portable, Select-Antenna

OF SPECIAL INTEREST

- 1330 KENU WA, Enumclaw 2/1 1800 noted back on the air relaying KGRG 89.9 (Green River College). Only time they give KENU ID is at the top of the hour. Per conversation with GM, they returned to the air 1/30 1900. Heard on car radio while driving on I-5. (PT-WA)
- 1430 KNTA CA, Santa Clara 1/31 2000 noted back on the air. Had been silent several days, possibly installing new xmtr? Old phone number was disconnected. Now uses "K-buena" (K-good) slogan. (RW-CA)
- 790 KWSW CA, Eureka 2/3 1145 still in this late with ID in KOQO null. Thought I might have had Caltrans station in there but not sure. (RW-CA)
- 1090 ?KRPM? WA, Seattle 2/3 1055 tentative with ad for Fox Q-13. Checked Web, they are in Tacoma (KCPQ-TV). Tentative ex-KNWX call change. (RW-CA)
- 1150 KIIS CA, Los Angeles 1/31 in the evening & all day 2/1 repeating a 2+ hour retrospective on major league baseball, with slogan "1150 KIIS-AM baseball flashback." The weekly RV/Radio column in the Los Angeles Times sports section on 1/31 had an article speculating on KIIS' future, as they will carry Dodgers games starting in 1998. Article speculated KIIS will go all sports at a future date, which has been rumored for a year or more. This sure seems to be a warm-up for a format change. (DG-CA)
- 1210 KREW WA, Sunnyside 2/3 0832 blasting in with simulcast of KJOX-930, checked 930 but no trace of KJOX (still needed here...). (RW-CA)
- 1390 KSLM OR, Salem 2/3 0850 in good in KCDR/KGER nulls with ID "Good time oldies are back, on 1390, KSLM." Ex-silent. (RW-CA)
- 1650 (KBTL) CA, Costa Mesa 1/29 new AM will be all Beatles similar (or // to?) 1260 & 540 already doing that format, on or about March 1. Power is 10kw using a current existing site, by diplexing. (GL-CA)

DX TEST

- 1600 (KATZ) MO, St. Louis 2/3 0220 tried, not heard under 1600 mess with KLIV nullled. KGST in fairly strong, plus KMNY. (RW-CA)

Contest standings will appear next issue.

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Central DX Roundup



Editor: John C. Johnson
Internet: John_Johnson@prodigy.net

FOR THE RECORD

E-Mail: John_Johnson@prodigy.net Mail: 979 Neptune Boulevard, Billings, MT 59105-2129
Next Deadlines: 2-28 (Note - Anniversary Issue), 3-14, 4-4, 5-2, 6-6, 7-3, 8-1, 8-22, 9-5.
Please report all times as Eastern. Keep tips to less than a month old.

RIDING GAIN

- [SA-MB] **Shawn Axelrod**, Winnipeg, Manitoba, Canada. saxelrod@mb.sympatico.ca
Icom IC-R70 with filter mods and Palm board.
4' box loop, Quantum loop, 100' longwire.
- [KDF-IL] **Karl D. Forth**, Chicago, Illinois.
Drake R8, Icom IC-R70, Hammarlund HQ-160, Spiral loop, longwire.
- [JcJ-MT] Your editor using an Icom IC-R71A, Yaesu FRG-7, Lafayette HE-30, GE Superadio III, 2 "Radio West" Loops.

SPECIAL INTEREST

- 550 **KTRS** MO, St. Louis. **EX-KSD**. 1-30 fair to poor. 2144 with local talk program and spots into ABC News. Now local talk. New for me. [SA-MB]
- 750 **KBNN** MO, Lebanon. **EX-KJEL**. 2-1 fair. 0758 with ID "KBNN Lebanon, 7-50 on your AM dial." Local spots for Springfield and area. New for me. [SA-MB]
- 790 **WAYY** WI, Eau Claire. **EX-WEAQ**. 2-2 fair u/CIGM and KFGO. 1838 with their new talk format. New for me. [SA-MB]

DOWN THE DIAL

- 890 (WLS) IL, Chicago. 1-19 noted off the air 0130-0250+ leaving only a Mexican station. [KDF-IL]
- 950 (WEJM) IL, Chicago. 1-20 noted off the air MM 0206. [KDF-IL]
- 1380 **KOTA** SD, Rapid City. 2-1 good. 0737 with ID "Dependable radio 13-80 KOTA" into 70's and 80's Ad/Con music. Not all talk as per the log. [SA-MB]
- WFCL** WI, Clintonville. 2-2 good. 1830 with local spots and Adult Standards music. Not all talk as per the log. [SA-MB]
- WPHM** MI, Port Huron. 2-1 fair. 0732 with "WPHM" ID into 70's and 80's Ad/Con music. Not EZL as per the log. [SA-MB]
- 1600 **KCPX** UT, Centerville. 2-3 good in KYGO null. 0200 with SS format, "Radio Fiesta" slogan. 0203 EE ID "KCPX 1600 AM Centerville, Salt Lake City, Utah." No longer silent. [JcJ-MT]
- 1660 **WJDM** NJ, Elizabeth. 2-3 good. 0208 noted with Radio Aahs programming. [JcJ-MT]

DX TESTS

- 980 **WAPF** MS, McComb. 1-13 DX Test. 0200 poor u/WONE and others with code ID. [KDF-IL]
- 1140 **WAKK** MS, McComb. 1-13 DX Test. 0130 good in WRVA null with code and voice ID's and music. [KDF-IL]
- 1600 (KATZ) MO, St. Louis. 2-3 DX Test. 0200-0230 listened, but no sign of KATZ. Just strong KCPX and KYGO. Should have made it here. [JcJ-MT]

25 YEARS AGO

February 26, 1972 issue of IRCA's "DX Monitor" - Jeff Hodge of Williamsville, NY logged KGRT-570 NM for state #47 - Robert Kramer of Chicago, IL logged KING-1090 WA for state #42 - Bill Hardy of Aberdeen, WA visited West Coast DX Forum editor Bob Jacoby in Pomona, CA - Gary L. Munn of Kinnelon, NJ said he has been DX'ing for 3 years and was now 17. He had logged 37 states.

Now, because of the changed publication schedule since 1972, here's highlights from the March 4, 1972 issue - Brian L. Cartwright of Johnstown, PA logged KLUC DX Test for state #32 - Bruce Portzer of Seattle, WA said after 8 years of DX'ing he had reached the 1000 stations heard mark - Jeff Falconer of Clinton, ON logged the Philadelphia pirate WIBH-1610.

OPEN MIKE

Next deadline is for the anniversary issue! This is the last of the weekly issues. 73, John.



Eastern DX Roundup

Editor: LEE FRESHWATER

414 SE 3rd ST
OCALA FL 34471

DEADLINES : 3/5..3/19..4/9..5/7..6/11..7/9..86..8/27.. AND 9/10.....
A SLOW WEEK FOR ME, NOW ON WITH THE SHOW FOR THIS WEEK..SEND YOUR TIPS.

STARS OF THE WEEK

- (LF-FL) your editor Drake R-8A / HQ180A, Potomac FIM-41
KIWA Loop, 75' l.w. N/S
- (JD-AL) J.D. Stephens 106 Anita Dr., Madison, AL 35758-7163
Drake R-8, SR II, Panasonic RF-2600, Rad shack
di-pole/ Shotgun Loop, 75' l.w. VIA E-MAIL
- (WW-MA) William Wyllie 93 Peck St., Franklin, MA 02038--2217
DX-90 w/ built in ant. VIA U.S.P.S.
- (EM-PA) Ernest Meyer 7916 Burholme Ave., Philadelphia, PA 19111
Drake R-8A, 100' l.w., KIWA Loop VIA U.S.P.S.
- *****

LOGGINGS

- 950 WQBE WV Charleston 1/25 2155-2200. Talk show, full ID, description of other programming on station, briefly over nulled WPEN and WWJ. (WW-MA)
- 1110 CKTY ON Sarnia 2/7 0050-0055+. Strong, over WBT, w/country music, local spots, "More music- CKTY" jingle. (JD-AL)
- 1160 WJJD IL Chicago 2/7 0040-0050+. Strong with relay of their FM station, local & national spots, oldies music, "Oldies 104.3" slogans. (JD-AL)
- KSL UT Salt Lake City 2/12 0302 In fair with local news. (LF-FL)
- 1400 WHMP MA Northampton 1/29 2215 Stock market report, loud & clear. "This is WHMP" briefly booming over usually dominant WSTC Stamford, CT. (WW-MA)
- 1560 WCNW OH Fairfield 1/30 2245. Caught at sign off. Man gave station "philosophy", ID, power, operating hours, briefly equal to WQEW, blasting out vintage Benny Goodman. (WW-MA)
- 1570 WFLR NY Dundee 2/2 1737. Good mixing with many others here. Noted ID: "Country 1570 WFLR" into Tanya Tucker song. Good until 1746 seemed to mix with other country station and a Gospel station. At 1800 ID on the hour noted was "WBUG Amsterdam, NY" one of the other stations. (WW-MA)
- WPEP MA Taunton 1/31 2245. "Newstalk radio WPEP", gave phone number for listeners to call in- 822-1500. (WW-MA)
- WRHD NY Riverhead 1/30 2315-25, Weather forecast with, "it's 28 degrees on Long Island." ID as "Non-stop rock on 103.9" (When did this station re-activate?) (WW-MA)
- 1580 WDAB SC Travelers Rest 1/31 2210 "born Free" vocal, then call letter ID, more mx. (not expected on this format)..(They

switched from CNN news several months ago, and are a regular SSS here.-ed) (WW-MA)
 1600 CHNR ON Simcoe 2/2 2222. Poor in jumble of stations. Noted weather CHNR ID into Paul Anka tune. Poor but audible. Not heard in a long time. (WW-MA)

DX TESTS

1570 WYTI VA Rocky Mount 2/1 0010 Weak at first, noted code 0010. Noted weak voice ID 0014 "WYTI in Virginia" is all I could pick out. More code until 0018, Voice ID again, Noted Bluegrass music at 0020. Noted voice ID again 0021 into code and one more voice ID at 0025. gone after that. First time logged here. Weak voice, better code. (WW-MA)
 1600 KATZ MO St. Louis 2/7 0200-0215 IRCA DX test heard at fair strength with continuous loop of voice ID giving station info plus a mention of IRCA, code IDs, and "St. Louis blues". Heard in null of local WEUP-1600. Nothing heard after 0215. Did test end 15 minutes early? (JD-AL)

Kind of a slow week for the EDXR....Where is everybody??? The weeklies are almost gone, and the Thunderstorms are on the horizon....See you all next week.....73's.....fresh

GEOMAGNETIC INDICES

phil bytheway - Seattle WA - bytheway@atk.com

Tabulated from WWV at -0518 GMT nightly

Geomagnetic Summary January 30 1997 through February 12 1997

GEO - Geomagnetic activity pca - polar cap absorption
 maf - major flare SA - Solar Activity
 mas - major storm spe - satellite proton event
 mis - minor storm ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
1/30	74	11	3	very low	quiet-unsettled	-
1/31	72	8	1	very low	quiet	-
2/ 1	71	3	2	very low	quiet	-
2	78	6	1	low	quiet-unsettled	swa
3	80	3	1	very low	quiet	swa
4	81	5	0	low	quiet	swa
5	75	3	4	very low	quiet-active	swa
6	74	9	1	very low	quiet-active	swa
7	76	2	2	very low	quiet	swa
8	75	17	2	very low	quiet-mas	swa
9	73	16	5	very low	quiet-mis	-
10	72	21	3	very low	quiet-mis	-
11	z	18	2	very low	quiet-active	-
2/12	z	7	2	very low	quiet-unsettled	-



1150 AM - The Arizona Sports Station

10



Western DX Forum 73

Reid Wheeler, Editor 5910 Boulevard Lp SE
Olympia WA 98501-8408 (360) 786-6756 6-9pm PLT

Deadline: Saturday 2 weeks before publication

Gary Larson, 2806 Lincoln, Burbank CA 91504

818 558-3900 840-9222

[1/29] Hello. In today's LA Times Calendar was a short bit on 1260/540 + 1650 here - "Because of 'overwhelming public response' to all Beatles programming on KGIL AM 1260, the Mt Wilson FM Broadcasters group is constructing a second 'all Beatles' station at 1650 AM. The new 10,000 watt station, to be called KBTL-AM (with on-air moniker of "K-Beatle"), is expected on the air by March 1. The Mt Wilson group (owners of KKG0 FM) promises that KBTL will have a 'clear channel', unlike KGIL's which is difficult to pick up in some areas. KGIL - which switched from its all-news format (and old letters KNNS-AM) earlier this month - will continue with the Fab Fours format." I called to inquire more on formats. Seems I'll need to stay tuned for more on this. KGIL to be 1260 call 2/1 I believe. Am wondering when 1650 gets established, maybe adult standards will be on 1260/540. 73

Rich Toebe, 2324 Jerilynn Drive, Concord CA 94519-2122

[1/31] It's been a while since I've sent in a Forum. Please note the new address, I'm in a house now and what a difference it's made to Dxing! Last year, I had 6 loggings, 2 were KXBT on 1630 and 1640. So far this year, I've had 18 loggings (10 were call changes). I must have a pipeline to the Pacific Northwest here -- I've hear 550 CKPG on top of frequency, 580 CKXR several times (both never heard before in 27 years of DX), 1560 KZIZ on top of frequency at 8:53 am(!), 1370 KAST over KKSJ, 1090 KRPM battling it out with XEPRS most mornings, 1290 KUMA over KNSN, 1280 KIT over KJAX and 1460 KMWX on top frequently. On the other hand, on 14 Jan., stations from the south were booming in with Anaheim on 1190 obliterating KEX; I logged 850 KHLO, and heard ID's twice that evening. The next night, "KH-2-O" was dominant again. Right after Christmas, Nina and I went to Southport, England, a town near Liverpool, for almost 3 weeks. It was quite an different experience to turn on the radio during midday and hear Holland, Belgium, France, Germany, Norway, and Switzerland on 531 and 1566. Ireland, Isle of Man, Scotland and Wales were very strong all the time, of course. What surprised me was how Spain tended to dominate the dial. RNE-1 on 855 nightly swamped BBC Lancashire from Preston, only about 15 miles away with 2 kW. COPE-999 was about even with Red Rose Gold from Preston. It makes you wonder why the British even bother to putting on low power MW stations. On the other hand, Radio City in Liverpool on 1548 (4.4kW) blanketed the channel, with no sign of Capital Gold from London, listed as 97kW. On LW, stations from Europe were there day or night, but the Russians on 171 were not there midday. They were eerie to hear, as their synchros were a bit off, with a very strange multi-echo. I found very nice books on the BBC's 70th anniversary and the BBC World Service 60th anniversary, each marked down to L5, so I bought them. The post office had a poster showing new 1997 stamps; they're doing a set for the BBC's 75th anniversary. Wish I'd have looked in the club section of the WRTH while I was there, their Medium Wave Circle's address was in Southport, not far from where we were staying. As a souvenir of the visit, I came down with the chickenpox, which I got from our friend's 7 year old, and have been home recovering (I'm fine now). Not much to do except listen to the radio, hi! KXBT-1190 is no longer //1630; they're running some Asian programs now and on Sunday morning they've got 2 different gospel shows between 1190 and 1630. On 1-27, 1510 KNOB resumed simulcasting KKHI. I've listened on several instances around the top of the hour and they do not ID the AM, just "this is KKHI-FM 100.9 San Francisco and 100.7 for the Bay Area". And on 1380, KMJJ Sacramento is simulcasting 102.5 KSFM<, but they sneak the KMJJ call ID in a few minutes before the hour on top of advertising. 73

-----34-23-----

KNX 10.70™ NEWSRADIO

IRCA Technical Column

editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C.
Canada V8R 4Z6

The JPS ANC-4 ANTENNA NOISE CANCELLER

by Harry Helms and Nick Hall-Patch

The ANC-4 is essentially a phasing unit which takes a signal from a noise antenna and allows one to adjust its amplitude and phase so that it exactly cancels out locally generated electrical noise which is received by the primary antenna along with the desired signal. The combined signal is then sent on to the receiver, and the listener may hear stations which would otherwise be well below local interference from computers, TV's and nearby electrical equipment.

Some of the manufacturer's specifications are as follows:

Operating Frequency Range:	100 kHz to 80 MHz.
Signal Loss, Main Antenna to Radio:	6 dB worst case.
RF Input Level, Main Antenna:	3 Vrms maximum.
Noise Cancellation:	Typically 40 dB or better.
Input Power:	+11 VDC to +16 VDC @ 150 mA, reverse polarity protected
Size:	1.7"H x 6"W x 4.3"D
Weight:	2 pounds

The noise antenna on the ANC-4 can either be the whip antenna mounted on top of its case, or be a user supplied antenna connected to an SO-239 connector on the back panel. We tested it using the whip antenna, and connected a Quantum Loop to the back panel "Main Antenna Input" connector (also an SO-239). We ran the "Radio Output" connector to the antenna input of a Drake R8, and proceeded to use the system in what Nick claimed was the noisy environment of a hotel room in the San Diego area. In fact, although a random wire on the balcony had received plenty of noise earlier, it was difficult to find a MW channel at night which had a weak enough signal to be covered by the local noise-- not unless the Quantum Loop was rotated to receive maximum noise. Under those conditions, the noise antenna did deliver more of a noise signal than the loop did, so we had something to work with.

The ANC-4 has four front panel controls in addition to a power switch with an LED indicator. The "frequency range" switch was pushed in for listening below 20 MHz. The "phase range switch" extends the range of the noise phase control, and was left in position A as advised by the manual. Then the "noise phase" and "noise gain" controls were adjusted until there was a null in the noise level. The noise phase control can require quite a light touch at times, but those who have used phasing units before will readily recognize the interaction between the two controls; otherwise, one will have to learn by doing. It's often a good idea to start with both controls set at the halfway mark, then adjust one, then the other for minimum noise level as indicated on the receiver's S-meter. Once one starts to hear desired signals coming through the local noise, further adjustments need to be done "by ear"

as the S-meter is no longer a reliable indicator. If one doesn't get a null with the "A" position, change it & try again from 12 o'clock positions of noise phase & noise gain. When the unit is switched off, the main antenna is switched directly to the receiver, which is useful for comparisons.

So how did it work? There is no doubt that the ANC-4 nulled noise under the test conditions, but not always as spectacularly as we had hoped. Quality of reception was improved on 880 kHz by the easy elimination of nearby TVI; a Mexican signal on 820 also became more readable once general electrical noise was nulled. In both cases, however, the desired signal was already audible in the noise before the adjustments were made. On the other hand, signals on 1570 were inaudible below the noise unless the ANC-4 was used. But one had to be very careful not to adjust the settings so that both noise and desired signal were not eliminated together. In this relatively benign listening environment, there seemed to be only about a 12 dB range between signals which were strong enough to be readable without noise cancellation, and signals which ended up too weak to be readable once the noise had been cancelled.

There was often difficulty in maintaining a null on the noise when trying to monitor skywave signals. One would need to keep adjusting the amplitude and phase controls in order to keep the null as deep as possible. This difficulty was not noted by other reviewers, and may have been due to the noise antenna receiving a good deal of the desired signal as well. In addition, there was the possibility of actually increasing the noise level by incorrect adjustment of the controls. It was also noted that a null established on one frequency needed to be readjusted when the radio was tuned even 20 kHz away on the BCB.

The Quantum Loop tuned up to 7 MHz, so we tried to eliminate noise at the higher frequencies, and met with some success on strongish signals like WWV on 5 MHz. Again, nulls needed to be chased after the first adjustment. A major disappointment was that it was difficult to dig any but the strongest long wave beacons out from under the hash. At these lower frequencies, the noise level was strong enough to require nulling by the loop, and the ANC-4 didn't help as much as on the higher frequencies.

Some listeners have used the ANC-4 for phasing out undesired stations or local sideband splatter (see a recent report on rec.radio.shortwave by Walt Novinger). Although this is possible using the Quantum Loop while listening to local signals, it really shines much better in its intended function as a noise canceller.

This was an hour long test in an unfamiliar listening environment, which was probably not entirely fair to the ANC-4; it might have worked better with a random external wire as the main antenna in this case. It is not a device which can be used to its optimum within minutes of taking it out of its box, and, like the various phasing units, it is likely to become more useful with practice in handling the controls. Harry feels that it is superior to any noise limiter or blanker circuit he has ever used.

The ANC-4 also acts as a fairly decent active antenna for HF using the noise antenna, and is useable with transceivers of up to 150 watts PEP as well as receivers. It is listed at US\$175 and is available from Universal Shortwave. Further information available from:

JPS Communications Inc.

P.O. Box 97757

Raleigh, NC 27624-7757

USA

Ph: (919) 790-1011 Fx: (919) 790-1456 email: jps@nando.net

Website: <http://emporium.turnpike.net/J/JPS/anc4.html>

Prologue - Jean Burnell

Newfoundland DXpeditions have come a long way since that first long-weekend of DX back in 1991. Each DXpedition brought new participants along with improvements in our antenna complement and our shack facilities. The latest Newfoundland DXpedition took place between November 2 and 17, 1996, at the usual site, known to us as the 'DX Inn,' at Cappahayden, Newfoundland. The antenna technology and our accumulated DX experience translated into a DXpedition of unprecedented success. I am sure that it was, without exaggeration, the "biggest and the best" medium-wave DXpedition that has ever been mounted in North America. The logs include reports of stations from 130 countries, and details of reception of dozens of stations never before heard in North America.

This was the longest event that we have attempted, just over two weeks, and it involved seven DXers. On Thursday, October 31, brought much of the wire and equipment to Cappahayden from St. John's. I installed of the grounding system, which is not a trivial matter in Newfoundland. (It is not without reason that Newfoundlanders refer to their home as "The Rock.") I also prepared the room at the 'DX Inn' that would be our shack. It was windy and raining very hard on the morning of Saturday, November 2, when I began setting up the two work-horse antennas of the DXpedition. A one-kilometer long Brazilian Beverage of 12-gauge wire was extended along the bluffs and rocky strand south of the 'DX Inn.' Then a Beverage of thinner wire and about half that length was pointed towards Northern Europe and the Indian subcontinent along the boulder-strewn shore NNE of the 'DX Inn.' It was well past dark when I finally switched on my Drake for the first logs of the DXpedition. I heard the Italian Radiouno station on 1062 kHz signing off just before 2300 UTC, which left the Turkish station at Diyarbakir clear for its sign-off a few moments later.

The participants on this DXpedition were in two teams, with myself as the 'roving reporter,' returning to St. John's every couple of days to give lectures and consult with my research group. The first week the visitors were Newfoundland DX-veterans Neil Kazaross, on his fourth trip, and Bruce Conti, on his third trip, as well as a well-known TA DXer on his first trip to Cappahayden, Ben Dangerfield. Just before midnight local time they arrived. It was great to see Neil and Bruce again, and it was a real pleasure to meet Ben. It was not long before all receivers were attached to the antennas (through splitters) and both the TA and the Pan-American DX was rolling in.

I was glad that it was less wet and windy the next day because the agenda included more antenna work. Neil and Ben installed a second European wire, which proved to be almost identical in reception characteristics with the first European antenna. I hauled out another one-kilometer South American Beverage ("the track-wire") that was aimed towards eastern Venezuela, but I thought this gave results inferior to the Brazilian Beverage for all South Americans except some Colombians. Bruce's efforts were directed towards a third southern wire, 350 meters of twisted-pair that was used with the Byan remotely tunable termination device. This proved to be an important antenna that offered impressive nulls on the St. John's stations "off-the-back" of the antenna. It was unfortunate that storm waves destroyed the ground system on the remote end of the Byan antenna early in the second week. With only this exception, the antennas were not broken by gale-force winds in the first week or lost to the heavy surf in the second week, even though there was quite a bit of seaweed caught up on one of the European antennas! Also, it was exceptional by the standards of previous DXpeditions that wire was neither rerouted by large herbivores nor purloined by 'sportsmen.' The availability of many antennas allowed Bruce and Neil to put their phasing units to good use.

There was overlap of the two teams on the evening of November 9 with the arrival of two premier Canadian DXers, Dave Clark and John Fisher. This was Dave's second Newfoundland outing, and I was glad to finally welcome John, who had had to cancel plans to attend a couple of the previous DXpeditions. The shack was a bit overcrowded, but we certainly had a lot of fun yelling out when the likes of India (Rajkot) on 1071 kHz and Georgia (the country, not the state!) on 1044 kHz were spotted. On the afternoon of Monday, November 11, Jim Renfrew arrived to complete the second team. Jim was 'radio-active' in record time, a feat that was celebrated by an inadvertent

baptism of beer! In the second week significant forays were also made into the short wave bands, and, in particular, good signals from Indian regional stations, Nepal, and Bangladesh were noted. (The SW catches have appeared in SW DX bulletins already, for instance in "DX Ontario" and in "Fine Tuning." This report covers only the MW logs.) Against all advice, I extended one more (unterminated) antenna though some rough terrain to the west of the 'DX Inn' in the hope that this might be employed as an off-the-back African Beverage. Its signals were poor and interference-ridden, so the wire was retrieved the next day. Dave and John left before the last weekend, Jim and I brought in the wires and packed up the equipment after a final, particularly grueling night during which the kettle succumbed to the constant use, and this caffeine-dependent DXer had to struggle to stay alert without the assistance of Coffea arabica. In order to DX, I'll gladly put up with the wind and the snow, the exertion of extending and retrieving long antennas over uncompromising ground, and even an errant moose, but I'll not DX without coffee again!

It is difficult to pick DX highlights because there were so many! However, since the other participants managed to choose some (see the Epilogue), I should try to do so, too. Particular satisfaction for me came from finally hearing some stations that I have chased for a long time: the Voice of Lebanon on 873 kHz, the VOA relay on Rhodes 1260 kHz, the All India Radio outlets on 1071 and 1134 kHz, and ZBVI on 780 kHz. On the other hand, who can deny the thrill of hearing four Paraguayans, a 5-kW station from Jerusalem (1080 kHz), previously unlogged 250-watt stations in Brazil (1380 kHz and 1540 kHz), or a Uruguayan through a local pest (930 kHz)?

The DX was exhilarating, and the camaraderie amongst the DXers made the experience greater than the sum of its parts. But there are others whose assistance should not be overlooked. I am very grateful to Mark Connelly for his generosity in terms of both equipment and his time. The logs were improved significantly by his assistance with the typing and his careful proof-reading. He also spent many hours concurrently listening from coastal sites in Massachusetts so that propagational comparisons could be made. My wife, Stephanie Kaiser, gave me a lot of help with the equipment and supplies. I am grateful that she let me "go and play with the boys" when there were so many overdue jobs I could/should have been doing at home! Finally, I thank the Lawlor family, Theresa and Albert, for opening up their house to us. The 'DX Inn' is actually the back of their home, which used to be a 'bed-and-breakfast.' They are no longer in that business, but they re-open their rooms exclusively for us. I think they must amuse by our peculiar sleep-by-day-and-up-all-night lifestyle and our criss-crossing of the countryside with miles of wire. Perhaps they just want to humour a bunch of grown men who are excited to travel great distances to listen to stations that are essentially inaudible to normal people, in languages none of them understands!

Participants and Equipment

The participants, their dates of participation (UTC) and receivers:	
Jean Burnell, St. John's, NF	[JB] Nov 2-Nov 17 Drake R8A, Icom IC-R71A
Ben Dangerfield, Wallingford, PA	[BD] Nov 3-Nov 7 Drake R8A
Bruce Conti, Nashua, NH	[BC] Nov 3-Nov 10 Drake R8A
Neil Kazaross, Barrington, IL	[NK] Nov 3-Nov 10 Drake R8A
Dave Clark, Toronto, ON	[DC] Nov 9-Nov 14 Drake R8, Drake R8A
John Fisher, Calgary, AB	[JF] Nov 9-Nov 15 Icom IC-R71A
Jim Renfrew, Rochester, NY	[JR] Nov 11-Nov 17 Drake R8

Our terminated Beverage antennas: approx. 1 km towards Brazil and South Africa, approx. 1 km towards Venezuela, 2 x 600 m towards northern Europe & India, One remotely tunable 'Byan' antenna, 350 m towards Brazil
 Ancillary equipment: antenna splitters, phasing units, cassette recorders, coffee...

The Logs (UTC dates and times)

Trans-Atlantic DX

153 ALGERIA Radiodif. Algerienne, Bechar, NOV 3 0340 [BD].
 153 GERMANY Deutschlandfunk, Donebach, NOV 3 0340 [BD].
 +NOV 13 0116 - Classical music program, male DJ, // 756, 1269, 1422

- [JR].
- 162 FRANCE France-Inter, Allouis, NOV 3 0340 [BD].
- 171 BELARUS/RUSSIA/UKRAINE R. Rossii, 3 1.2-MW sites, NOV 3 0340 [BD].
 +NOV 12 0535 - Talk by man in definite Russian but well under Morocco's music programme [DC].
 +NOV 17 0430, 0459 - Man speaking RR, not // 261, // 234; at 0459 anthem, pips, sound effects, "Rossii." I noted a few moments later an AA program, so Morocco may have signed on, not // 207 [JR].
- 171 MOROCCO Nador, NOV 3 1900 [BD].
- 177 GERMANY DeutschlandRadio, Oranienburg, NOV 3 0345 [BD].
 +NOV 12 0302 - GG news // 855 [JR].
- 180 TURKEY TRT, Polatli, NOV 3 2240 [BD].
- 183 GERMANY Europe 1, Felsberg, NOV 3 0345 [BD].
 +NOV 12 1813 - Ads and ID in FF [JR].
- 189 ITALY/SICILY RAI Radiodue, Caltanissetta, NOV 15 2250 - Very weak in noise but // 846, 7175; off after 2300 (DSWCI OCT 96 says this one goes off at 2200) [JR].
- 198 ENGLAND BBC R. 4, Droitwich, NOV 3 0345 [BD].
- 207 MOROCCO RTM A, Azilal, NOV 4 2120 - // 612, 819, 936, 1053 [at 2120] [BD].
 +NOV 15 2031 - Clear parallel with 612, 711, 819 program [JR].
- 216 FRANCE R. Monte Carlo, Roumoules, NOV 3 0345 [BD].
- 225 POLAND Polskie R., Raszyn, NOV 3 2245 [BD].
 +NOV 11 2201 - Strong signal, ID as "Polskie Radio" then news [JR].
 +NOV 12 0530 - ID by man, music bridge and voice-overs with guitar music; very strong [DC].
- 234 LUXEMBOURG RTL, Junglinster, NOV 3 0345 [BD].
- 234 RUSSIA R. Rossii. multiple sites, NOV 17 0440 - // 171 under Luxembourg [JR].
- 243 DENMARK Danmarks R., Kalundborg, NOV 3 0345 [BD].
 +NOV 12 0540 - Classical music and talk by man in Danish; very good; weak unID behind presumably Turkey [DC].
- 252 ALGERIA Radiodif. Algerienne, Tipaza, NOV 3 2251 - in FF at the time [BD].
 +NOV 12 0540 - Talk by man in French; fair, mixing with Atlantic 252 which tended to dominate [DC].
 +NOV 15 1857 - Presumed, in FF under Ireland [JR].
- 252 IRELAND Atlantic 252, Clarkestown, 3 NOV 2250 [BD].
 +NOV 12 0543 - Pop music and ID as "Longwave Radio 252" at 0544; to good peak over Algeria [DC].
 +NOV 12 1515 - Daytime TA noted almost every day that I looked for it during the noon hour [JR].
- 261 GERMANY R. Ropa, Burg, NOV 12 0259 - Six pips, anthem, ID as "Radio Ropa" then news in GG; QRM from beacon YT [JR].
- 261 RUSSIA R. Rossii, Taldom, NOV 3 0350 [BD].
 +NOV 12 0545 - Talk in definite Russian; fair in mix with pop music from the German [DC].
- +NOV 16 0424 - Woman in RR, music at 0436 // 873 (as in WRTH) [JR].
- 270 CZECH REP. Cesky Rozhlas, Uherske-Hradiste, NOV 12 0546 - Woman, then man with apparent news commentary; good [DC].
 +NOV 16 2159 - 5 + 1 pips, ID as "Cesky Rozhlas," news mentioned President Walesa of Poland, heavy beacon QRM [JR].
- 279 BELARUS Belaruskaje Radujo, Sasnovy, NOV 17 0425 - Very weak with no // [JR].
- 531 ALGERIA Radiodif. Algerienne, Ein Beida, NOV 3 0355 [BD].
- 531 FAROE IS. Utvarp Fo//roya, Akraberg, NOV 4 0712 - Sign-on with distinctive IS, then man in Faroese, strong over Spain [BC].
 +NOV 11 0737 - M in Faroese, mx pgm; QRM from Spain, SIO 322 [JB].
 +NOV 12 *0712-0732 - Carrier came on at 0706, 7-note xylophone IS at 0712, sign-on anmt by man at 0715, morning religious program with hymns and prayers at 0718, talk by a man at 0730; great signal until deep fade at 0735, but nicely back again with vocal at 0739, and still holding well at 0747 tune-out during talk in presumed Faroese by man; not heard at all last year [DC/JF/JR].
 +NOV 13 0712 - IS to 0715 opening this time by a woman; choral anthem at 0719; fair peaks (SIO 233), mixing with Spain, but nothing like the archival signal of the prior day [DC/JB].
- 531 GERMANY MDR-Info, Burg, NOV 3 0505 - // 783, 1044, 1188 [BD].
- 531 MADEIRA RDP, Porto Santo, NOV 15 2143 - PP soccer coverage // 666;

- no other RDP outlet here except Madeira [JR].
- 531 SPAIN RNE5 synchros, NOV 3 0400 [BD].
 +NOV 4 0710 - "Espana a las ocho, Radio Nacional" morning news program, good signal over unID station before Faroes sign-on [BC].
 +NOV 12 0651 - SS talk; fair-good [JF].
 +NOV 12 0705 - News in progress with good signal while waiting for Faroes [DC].
- 540 HUNGARY Magyar R., Solt, NOV 3 2220 - Good; classical flute music, // 6025 [BC].
- 540 MALI ORTM, Bamako, NOV 2 2340 - African mx under QRM, // 4782.38; SIO 221 (first log from Newfoundland on MW!) [JB].
 +NOV 5 2209 - Highlife mx under CBT, // 4782.4; SIO 222 [BC/BD/JB/NK].
- +NOV 10 1943-1951 - FF talk alternately by man & woman and readily // good signal on 4835 kHz (was on 4783.4 previous day); poor [DC/JF].
- 540 MOROCCO RTM, Sidi Bennour, NOV 9 2345 - // 207, AA; u/ CBGAL & Hungary w/ CBT phased [NK].
- 549 ALGERIA Radiodif. Algerienne, Les Trembles, NOV 3 0355 [BD].
- 549 SAUDI ARABIA BSKSA, Qurayyat, NOV 10 0314 Call to prayer, // 594; fair [JF].
- 549 UNID Radiostantsiya Mayak, multiple sites, NOV 5 2222-2301 - Romantic RR mx, Mayak IS at 2239 and just before 2300; QRM from Algeria and others, SIO 322-1 [BD/JB].
- 558 SPAIN RNE5 synchros, NOV 3 0355 [BD]. NOV 15 0210 - // 567, 576, 603 [JR].
- 567 IRELAND RTE R. 1, Tullamore, NOV 3 0355 [BD].
 +NOV 3 2350 - Excellent; "Bank of Ireland presents the Nutcracker" ad, mention of FM-3, "Radio One" ID and weather [BC].
 +NOV 14 0413-0504 - Pop music with DJ Darryl Murphy presenting Irish artists of the past and present, including Van Morrison and Alison Moyet, fanfare and "Radio One News" at 0500; good [JF].
- 576 LATVIA Latvijas R., Riga, NOV 7 1833-1840 - // 1350 & 1422, woman in Latvian, then soft piano music [NK].
 +NOV 8 1946 - Piano and violin sonata, // much stronger 1350; SIO 222. [JB].
- 576 SOUTH AFRICA R. Metro, Meyerton, NOV 7 2048 - Tentative; SAH w/ Spain, some US music noted; 846 (Xhosa) was big at the time [NK].
- 576 SPAIN RNE5, Barcelona, NOV 3 0355 [BD]. NOV 15 0210 - // 558, 567, 603 [JR].
- 585 SPAIN RNE1, Madrid, NOV 3 0355 [BD]. NOV 9 2245 - SS talks; fair [JF].
- 594 GERMANY Hessischer Rundfunk, Frankfurt, NOV 6 0100 - // 666, 801 [BD].
 +NOV 6 0117 - ARD "Nachtexpress" pgm w/ country song, // 666, 1017; SIO 332 [JB].
- 594 PORTUGAL R. Renascenca, Muge, NOV 6 0100 [BD].
- 594 SAUDI ARABIA BSKSA, Duba, NOV 3 0320 - Koran, // 1521; SIO 333 [JB].
 +NOV 3 0358 [BD].
 +NOV 15 0310 - Call to prayer, // 1521; fair [JF].
- 603 ENGLAND BBC R. 4, Newcastle, NOV 14 0302-0310 - News and sports // 198, 720; poor, but only 2 kW [JF/JR].
 +NOV 14 0322 - Radio 4 sports, // 198 and 720; good peaks over Spain [DC].
- 603 FRANCE R. Bleue, Lyon, NOV 6 1814 [BD].
- 603 IRAQ Iraq R., Nineva, NOV 5 0256 - Tentative; anthem by chorus at s/on [BD].
- 603 MADEIRA Centro Regional RDP, Pico de Areiro, NOV 3 2048 - PP [BD].
 +NOV 5 2225 - Fair; Portuguese music // 1125, over/under RNE5, which was also // 1125 [BC].
- 603 SPAIN RNE5, Sevilla & Palencia, NOV 3 0358 [BD].
 +NOV 15 0210 - // 558, 567, 576 [JR].
- 612 BOSNIA-HERZEGOVINA RTV Bosnia-Hercegovina, Sarajevo, NOV 3 2143 [BD].
- 612 IRELAND RTE R. 2, Athlone, NOV 3 0358 [BD].
 +NOV 9 0000 - Excellent; "Night time 2-FM" ID, "2-FM news at midnight," and John Clark after midnight, pop music [BC].
 +NOV 12 1818 - Ads, report on a conference about cars [JR].
 +NOV 13 2121 - Pop music, // 1278; very good [JF].
- 612 MOROCCO RTM A, Sebaa-Aioun, NOV 4 2120 - // 207, 819, 936, 1053

- [BD].
- +NOV 15 2031 - Clear parallel with 207, 711, 819 program [JR].
- 621 BELGIUM RTBF, Wavre, NOV 3 2300 - News in French, then sign-off with anthem and IS, good with Canaries/Spain nulled by phased wires [BC].
- 621 CANARY IS. RNE1, Santa Cruz, NOV 3 0358 [BD].
- 630 NORWAY NRK, Vigra, NOV 8 2345 - Norwegian talk then C&W tune in Norwegian! (Other small NRK stns were never audible during the DXpedition.) way o/ CFCY & Tunisia on EuroBev; CFCY dominated on South American Bev's SIO 344 [BD/JB/NK].
- +NOV 10 0006 - Crushing CFCY; huge (S9+32) // 1314 (which was S9+34) [NK].
- 630 PORTUGAL RDP, Santa Isabel, NOV 3 2037 - // 666, 720 [BD].
- 630 TUNISIA ERTT, Tunis, NOV 3 1900 [BD]. NOV 4 0545 - Arabic music, // 7475; good over CFCY [BC].
- +NOV 13 2055 - AA mx, // 7475; fair [JF].
- 648 AZORES R. Lajes, Lajes, NOV 15 2128 - Portuguese Air Force stn w/ PP soccer play-by-play, Braga vs. Central (?), not // 1125 or 666; SIO 343 [JB/JR].
- 648 BOTSWANA R. Botswana, Orapa, NOV 11 2144 - Noted briefly in // with 972, 3356 [JR].
- 648 GAMBIA R. Gambia, Bonto, NOV 13 2100-2200 - Tune-in (after noting very strong R. Syd carrier at 2059) just in time to hear a few drum-beats then man in definite Afro vernacular language with possible news (as has historically been sked at this time by reference to older WRTHS), weak at best and subject to deep fades but during a fair peak circa 2125, mentions of Liberia, possibly Zaire & Kenya, and "Gambia" (several times) were noted by all four DXers who were tracking this one; bridge of Afro drums and music preceded possible ID by woman at 2140, some talk by man and woman in vernacular was detected until bridge of native-sounding vocal at 2159 and different male announcer, seemingly in heavily accented English, heard from 2200 (news in EE is sked at this time) but signal lost soon thereafter under RNE Sevilla [DC/JB/JF/JR].
- +NOV 14 2134-2139, 2152-2220 - Better than previous day w/ African talk, including some drama, mx w/ wailing and slow drums at 2158, 2200 5+1 pips, W in EE: "10 o'clock, and time for the 'News at Ten' for Radio Gambia," nx (man and woman alternate items) including telephone interview w/ "the Radio Gambia reporter in Goma;" R. Syd 907.82 appears to be parallel at this time with the EE news; SIO 242, and still audible at 2355 [JB/JF/JR].
- +NOV 15 2112 - Briefly audible, // 907.82, not parallel after 2115 [JR].
- 648 SPAIN RNE1, Badajoz, NOV 6 0315 [BD].
- +NOV 13 2200 - Pips, SS nx, // 684; SIO 333 [JB].
- 648 TAJIKISTAN Tajik R., Orzu, NOV 13 *0102 - ID at sign-on "irut Dushanbe," anthem and apparent news by man at 0105, // 4635.02 [DC/JR].
- 657 ISRAEL Kol Israel Reshet Beth, Tel Aviv, NOV 3 2142 - Pop music, // 1206 & 7495 [BD].
- +NOV 9 2348-0007 - Old EZL standards like "Girl from Ipanema," Hebrew anc, // 1206; peaked at SIO 333 [JB/JF].
- +NOV 13 2350 - EZL music and talk at 2355 by woman in Hebrew; difficult thru QRM here; // 1080 and 1206 [DC].
- +NOV 16 0205 - Music program, // 1206 [JR].
- 657 ITALY RAI Radiouno synchros, NOV 15 2248 - Jazz program, // 1062, 1332, 1575, 6060 [JR].
- 657 SPAIN RNE5, Madrid, NOV 3 0400 [BD].
- 666 GERMANY SWF, Rohrdorf, NOV 6 0100 - // 594, 801 [BD].
- +NOV 6 0118 - ARD pgm w/ German pops, // 1017; over Lithuania, SIO 322 [JB].
- +NOV 14 0200 - World news, // 666 [JR].
- 666 LITHUANIA R. Vilnius, Sitkunai, NOV 3 2235 - EE pgm, economic nx; Portugal QRM, SIO 222 [BD/JB].
- +NOV 3 2248 - fair w/ EE talk about Lithuanian parliament; Portugal phased [NK].
- +NOV 3 2245 - Good; mention of 9710 kHz and EE news about Latvia, oil exploration agreement [BC].
- +NOV 12 2150-2239 - Russian (?) talks, anthem at 2157, IS at 2159 and English ID "This is Radio Vilnius. The following 30-minute program is

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