

# DX MONITOR

THE OFFICIAL PUBLICATION OF THE **IRCA** INTERNATIONAL RADIO CLUB OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

JANUARY 25, 1992 - VOLUME 29 - NUMBER 19 - EDITION 944 - ISSN 0899 - 9732

MEMBERS-NEW & RENEW	DX WORLDWIDE WEST	TECHNICAL TOPICS
DX TEST	DX WORLDWIDE EAST	SPORTS NETWORK INFO
TVA AWARD INFO	WESTERN DX ROUNDUP	FINLAND DXPEDITION
DX GET-TOGETHER	CENTRAL DX ROUNDUP	GEOMAGNETIC INDICES
MAIL SUSPENSION	WESTERN DX FORUM	CLUB OFFICERS BACK PAGE
BROADCASTING INFO	EASTERN DX FORUM	MEMBERSHIP INFO BACK PAGE

**NEW MEMBERS:** George Phillips, Craig Garrett. **RENEW:** Peter Taylor, Richard (Ric) Heald.....Myself and IRCA thank you very much. No members, no club.

**TED VASILOPOULOS AWARD:** The TVA is awarded each year to the IRCA member contributing the most to the DX hobby and IRCA during the preceding year. We will vote on the award this spring. Any IRCA member in good standing is eligible, except those who have won the award during the past five years: Greg Monti, Karl Zuk, Richard Evans, Ernest R Cooper, and Bill Hardy. If you would like to nominate someone that you feel is deserving of the TVA, please write to Bill Hardy by March 1, and give a brief reason why the person deserves the award. The most recent winners of the award will choose several names to appear on a ballot this spring, and you may write in the name of any IRCA member in good standing who has not won the TVA in the past five years. Bill Hardy 2301 Pacific Ave Aberdeen WA 98520.

**GET-TOGETHER:** Bruce & Evelyn Portzer on Saturday February 15th starting at 1 PM. Bring potluck junk food. Will pass the hat around for pizza at dinner time. Address 6546 19th Ave NE Seattle WA Phone (206) 522-2521.

**MAIL SUSPENSION:** Mail service has been suspended to the following countries effective immediately: **HAITI, MADAGASCAR, SOMALIA.**

**IRCA REP:** IRCA President Phil Bytheway is looking for someone to represent the IRCA at the annual Dayton HamVention April 24-26, 1992. If you are planning to attend and are interested in representing our club. Please contact Phil at 9705 Mary NW Seattle WA 98117.

**CONVENTION 1992;** Deadline for 92 IRCA Convention bids is now February 1st.

**BCB RECORDINGS:** IRCA President Phil Bytheway is looking for good quality recordings of BCB foreign stations (preferably IDs) to use in a promotion project. If you can provide any, please contact Phil, address noted above.

**IRCA STATIONARY:** IRCA stationary (black-red on white) is available from the IRCA BOOKSTORE at \$4.00/100 sheets. Phil's address noted above.

## IRCA DX TEST BULLETIN

MONDAY, JANUARY 27, 1992 — KDIO-1350, ORTONVILLE, MN WILL CONDUCT A DX TEST FROM 1:00 TO 2:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S AND POLKAS. RECEPTION REPORTS MAY BE SENT TO: MR. JAMES EGERT - OWNER, KDIO-AM, P.O. BOX 115, ORTONVILLE, MN 56278.

continued next page

---

**MONDAY, JANUARY 27, 1992** — WMTR-1250, CEDAR KNOLLS, NJ WILL CONDUCT A DX TEST FROM 1:30 TO 2:00 AM EST. THE TEST WILL INCLUDE TONES, MORSE CODE ID'S AND AN UNSPECIFIED SELECTION OF MUSIC. BECAUSE THIS DX TEST IS BEING RUN IN CONJUNCTION WITH THE STATION'S ANNUAL POP TEST, THERE IS A POSSIBILITY THAT THE DX TEST MAY RUN LONGER THAN THE SCHEDULED 30 MINUTES. RECEPTION REPORTS GO TO: MR. TOM HAUER — CHIEF ENGINEER, WMTR-AM, 55 HORSEHILL ROAD, CEDAR KNOLLS, NJ 07927.

**MONDAY, JANUARY 27, 1992** — WSKE-1040, EVERETT, PA WILL CONDUCT A DX TEST FROM 2:00 TO 3:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S AND "OLD TIME FIDDLE MUSIC". RECEPTION REPORTS GO TO: MR. ROBERT M RESCONSIN — CONTRACT ENGINEER, WSKE-AM, P.O. BOX 187, EVERETT, PA 15537.

**MONDAY, FEBRUARY 3, 1992** — WLDS-1180, JACKSONVILLE, IL WILL CONDUCT A DX TEST FROM 2:00 TO 2:30 AM EST. THE TEST WILL INCLUDE POLKAS, MORSE CODE ID'S AND VOICE ID'S. RECEPTION REPORTS GO TO: MR. KEVIN POTTER — CHIEF ENGINEER (KC9ZK), WLDS-AM, P.O. BOX 1180, JACKSONVILLE, IL 62651.

**MONDAY, FEBRUARY 3, 1992** — KHAC-880, WINDOW ROCK, AZ WILL RUN A SPECIAL DX TEST FROM 3:00 TO 4:00 AM EST. THE TEST WILL INCLUDE TONES, VOICE & MORSE CODE ID'S AND MARCH MUSIC. RECEPTION REPORTS GO TO: MR. BILL HURNE — CHIEF ENGINEER (WB2PEX), KHAC-AM, P.O. BOX F, WINDOW ROCK, AZ 86515.

**MONDAY, FEBRUARY 10, 1992** — WVWV-630, ST. MARYS, WV WILL RUN A DX TEST FROM 12:00 TO 12:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S, TONES & "EASILY IDENTIFIABLE MUSIC". PREPAID PHONE CALLS WILL BE ACCEPTED DURING THE TEST AT (304) 684-3400. RECEPTION REPORTS MAY BE SENT TO: MR. BOB EDDY — PRESIDENT/GENERAL MANAGER/CHIEF ENGINEER, WVWV-AM, P.O. BOX 374, ST. MARYS, WV 26170.

**MONDAY, FEBRUARY 10, 1992** — WZZZ-1300, FULTON, NY WILL RUN A DX TEST BETWEEN 1:15 & 2:00 AM EST. THE TEST WILL INCLUDE VOICE & MORSE CODE ID'S AND AN UNSPECIFIED SELECTION OF MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. PETER HUNN — OWNER, WZZZ-AM, 1300 RADIO PARK, LAKESHORE ROAD, FULTON, NY 13069. MR. HUNN REQUESTS AN SASE BE INCLUDED WITH ALL REPORTS.

**MONDAY, FEBRUARY 10, 1992** — WAAM-1600, ANN ARBOR, MI WILL AIR A SPECIAL DX TEST BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE VOICE & MORSE CODE ID'S. RECEPTION REPORTS GO TO: MR. RANDY CARR — CE (N8DBQ), WAAM-AM, 4230 PACKARD ROAD, ANN ARBOR, MI 48108.

**MONDAY, FEBRUARY 10, 1992** — KONA-610, TRI-CITIES, WA WILL CONDUCT A DX TEST FROM 3:30 TO 4:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S AND AN UNSPECIFIED SELECTION OF MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. ART BLUM — CHIEF ENGINEER, KONA-AM, P.O. BOX 2623, TRI-CITIES, WA 99301.

**MONDAY, FEBRUARY 17, 1992** — WILD-1090, BOSTON, MA WILL RUN A SPECIAL DX TEST FROM 2:00 TO 3:00 AM EST. THE TEST WILL INCLUDE TONES, VOICE & MORSE CODE ID'S. THANKS TO MR. MICHAEL J. KLEIN (NV1L) OF DX ENTERPRISES, P.O. BOX 2181, LYNN, MA 01903-2181 FOR CONDUCTING THE TEST. RECEPTION REPORTS GO TO: WILD DX TEST, C/O PERSONAL DATABASE APPLICATIONS, 2616 MEADOW RIDGE RD., DULUTH, GA 30136-6037.

**MONDAY, FEBRUARY 17, 1992** — WDAY-970, FARGO, ND WILL RUN DX TEST PROGRAMMING BETWEEN 3:00 & 4:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, INSERTED DURING STATION BREAKS. RECEPTION REPORTS MAY BE SENT TO: MR. MARTY BERLINGER — CHIEF ENGINEER, WDAY-AM, 301 8TH STREET SOUTH, FARGO, ND 58103.

**MONDAY, FEBRUARY 24, 1992** — WTMA-1250, CHARLESTON, SC WILL CONDUCT A SPECIAL DX TEST FROM 3:00 TO 3:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS GO TO: MR. BRUCE ROBERTS — CHIEF ENGINEER, WTMA-AM, P.O. BOX 30909, CHARLESTON, SC 29417.

---

## TESTS ARRANGED BY J.D. STEPHENS FOR IRCA.

### \*\*\* IRCA Foreign Logs \*\*\*

Before the creation of the IRCA Foreign DX Reference, the IRCA published nine editions of the IRCA Foreign log. Each edition contained the actual tips that were reported to the DXWW sections during an entire year, recompiled and retyped in a book format. In addition, special features include: articles on foreign DXing (Vols. 6-8), utility lists (Vols. 7-8), shortwave parallels (Vol. 8) and CBB propagation (Vols. 6-8). IRCA archives still has Volumes 3, 4 and 6-8 of the IRCA Foreign Log available to all for \$2.50 each. Make checks out to Phil Bytheway and send them to: 9705 Mary N.W., Seattle, WA 98117

# BROADCASTING INFORMATION

EDITOR: ROBERT WIEN 1309 DENTWOOD DR SAN JOSE CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 1/14/92

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

## NEW STATION APPLICATIONS:

(NONE)

## NEW STATION GRANTS:

(NONE)

## CONSTRUCTION PERMIT ACTIVITY:

CO. Johnstown KHNC-1360 rptd. on air, but also listed as requesting CP to reinstate expired CP! Anyone know the truth?  
NJ. Florence WRLB-1460 testing on air, target Feb.

## FACILITY AND PARAMETER APPLICATIONS

BC. Penticton CKOR-800 delete 780 khz. CP  
NB. Moncton CKCW-1220 move to 840, 20000/20000

## FACILITY AND PARAMETER GRANTS

FL. St. Cloud WNZQ-1500 (CP) move to 830, 400/250 DA-1  
MI. Spring Arbor KTGG-1540 reduce to 450-D, non dir.

## CALL LETTER CHANGES

AL. Tuscaloosa WRLX-1230 becomes WTNW  
CA. Salinas KRQC-1460 becomes KHTX (note: this station is still silent as of 1/14/92)  
FL. Jacksonville WJGC-1530 requests WJFL  
Ocoee WVCF-1480 becomes WUNA  
Pinellas Park WTKN-570 becomes WHNZ  
ID. Boise KUCL-730 requests KBSU  
IL. Rockford WKKN-1150 becomes WNTA  
IA. Independence KOUR-1220 becomes KOMG  
MN. Litchfield KQIV-1410 becomes KLFD  
MO. St. Louis KGLD-1380 becomes KASP  
NV. Reno KRCV-1340 becomes KXEQ  
NC. Kinston WISP-1230 becomes WQDW  
TX. San Antonio KCHL-1480 becomes KMMZ  
VA. Lynchburg WJJS-1320 becomes WXYU  
GA. Columbus WMRY-540 remains WSTH  
PA. Canonsburg WKJS-540 remains WWCS

FORMAT CHANGES

AL. Bay Minette	WBCA-1110	was country, rptd. silent
Jackson	WHOD-1230	was classic rock, now classic rock //FM
Jacksonville	WJXL-810	was rel. rptd. silent
Mobile	WABB-1480	was nx/talk, adds BRN nx
Prichard	WLPR-960	was adult stds., rptd. silent
CA. Big Bear Lake	KBBV-1050	was EZ list., now silent
San Bernadino	KMEN-1290	was urban AC, now all sports
CT. Ansonia	WADS-690	was silent, now ethnic
Old Saybrook	WLIS-1420	was adult stds., now soft AC
FL. Pine Hills	WGTO-540	was oldies, adds Unis. oldies
Venice	WAMR-1320	was talk, adds SUN talk
Winter Park	WPRD-1440	was nx, adds SUN talk
GA. Douglas	WDMG-860	was SMN-CHR//FM, now SMN AC//FM
Jefferson	WEKZ-880	was nx/talk, now urban
La Grange	WTRP-620	was AC, now nx/talk/sports
Macon	WNEX-1400	was oldies, now stds.
IL. Peoria	WIRL-1290	was nx/talk, now oldies
IN. Noblesville	WYIC-1110	was talk/AC, rptd. silent
IA. Independence	KQMG-1220	was KOUR, gold AC//FM, now SMN Pure Oldies //FM
KY. Louisville	WWKY-790	was country/talk, now all talk
LA. Alexandria	KSYL-970	was AC/talk, now nx/talk (BRN, EFM)
MA. Boston	WBEZ-1030	was full service/talk, now nx/talk with full nx blocks 5-10AM, 12-1PM, 3-7PM
MI. Livonia	WCAR-1090	was ethnic, talk, adds BRN business
Petoskey	WWPZ-1340	was SMN classic rock, now SMN stds.
MN. Litchfield	KLFD-1410	was silent, now full service oldies
Park Rapids	KRPM-870	was SMN stds., now SMN country
MO. Clinton	KDKD-1280	was oldies, now SUN nx/talk
Pittsburg	KSEK-1340	was AS, now silent pending sale
NH. Portsmouth	WCQL-1380	was AC //FM, now all sports
NC. Chapel Hill	WCHL-1360	was AC, now BRN business nx
Durham	WDNC-620	was stds/talk, now nx/talk
Kinston	WQDW-1230	was WISP, country, now SMN urban AC//FM
OH. Wellston	WYPC-1330	was gospel, now Unis. stds.
OK. Oklahoma City	KPRW-1140	was business nx, now rock //FM
PA. Farrell	WRQQ-1470	was silent, now BRN bus. //WYWR
TN. Chattanooga	WDEF-1370	was AC, talk, now EZL //FM
Jackson	WDXI-1310	was AC, now BRN nx, Talknet talk
TX. Austin	KMOW-1490	was AS, adds Unis. stds.
Houston	KYOK-1590	was urban AC, now rap ('1590 Raps')
Terrell Hills	KISS-930	was oldies //KSMG, now AS
VA. Lynchburg	WJJS-1320	was urban, now WXYU, SMN C&W
WA. Seattle	KVI-570	was talk, adds SUN talk
ON. London	CJBK-1290	was AC, now oldies
PQ. Quebec City	CKCV-1280	was French oldies, now silent
Sherbrooke	CJRS-1510	was silent, now French AC //CJMS (has permission to sim. until December 1992)

Tim Hall passes on the following tips:

BCN. Tijuana	XETRA-690	drops ARN, adds SEN, still sports/talk
	XEKAM-950	adds ARN sports talk
CA. San Diego	KFMB-760	will go 50 kw. 3/15, station currently heavily promoting this

Ye editor passes on the following tip:

CA. Orange	KPLS-830	still not on air as of 1/13/92, had originally been scheduled to come on air 12/30 at 5 AM (PLT), but did not, finally mentioned they would 'definitely' be on 1/13 at 5 AM, but still not there due to unknown reasons
------------	----------	---

. Fresno

KYNO-1300 was briefly all Xmas mx format, has returned to their normal SMN oldies format

Thanks Tim! Does anyone have info on the conflicting info I have on KHNC-1360 CO.? Send me a clarification... Welcome, 1992! 73's.



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

# DX Worldwide - West

Time: UTC phone (503) 861-3185

DEADLINE: MONDAYS

We have a good report from Chuck Boehnke in Hawaii this week.

## REPORT FROM HAWAII

- 800 BONAIRE, RJB-Dominant on frequency //to SW 9515 in PP 0830 12/20
- 810 UNID, Latin w/lively Salsa mx, not XEPW I don't think, much QRM at 0844 on 12/20.
- 873 UNID, Fairly strong CC, several possible, people having a conversation, JJ QRM in background at 1105 1/5/92
- 880 PERU, Lima "Radio Union" hrd well over domestic QRM w/Peruvian pops and long ID, and TC hrd best 0933 12/31
- 1060 CHILE, Santiago-Radio Minería. Possible s/on 0955 12/31 w/anthem military band mx and "Buenos Dias" into ID. Then announced a SW frequency and into nxcast. Mucho QRM, but clear ID hrd twice
- 1300 PERU, Lima-Radio Star-Good over domestic QRM w/"Radio Estrena" ID and lots of really good costal cumbias. Hrd quite strong at 0940 12/31.
- 1332 AUSTRALIA, Bundaberg-4BU-Good w/pops and "4BU" ID at 1708 12/29
- +1368+++ SINGAPORE, Radio 4-Tamil Service hrd // to SW 7165, occ EE words using (Commercials?) MW really better than SW at 1124 on 1/5  
Some interesting mx being playing, alone on freq. (Good going on this. Wish some of this would reach over here. PM)
- 1560 UNID, Unknown station hrd o/u domestics and XE QRM w/Andean mx, Non-stop Huaynos at 0925 12/31. Possibly "R Primavera"-Peru??  
Has been hrd before, here.

CHUCK BOEHNKE-P.O. BOX 488-KEAAU, HAWAII 96749  
Icom IC-71A-325' Kahuna" Dipole w/FRT 7700 Tuner

## IRCA Mexican List, 2nd editlon

The IRCA Mexican List, 2nd edition, is now available from the IRCA Reprint Service! This comprehensive guide lists calls, frequencies, locations, powers, schedules, networks, slogans and formats of AM stations throughout Mexico. It contains a wealth of never-before-published information received direct from Mexico City, and has been updated by listener tips though September 15, 1990. AM radio in Mexico has undergone an extensive shuffle in the past year. If you DX Mexico (or want to), you need this publication.

The IRCA Mexican List is available in four convenient formats:

- Volume I - Sorted by Frequency, State, City (24 pages) US \$3.75 Canada \$4.75 Foreign \$6.00
- Volume II - Sorted by State, City, Frequency (21 pages) US \$3.25 Canada \$4.25 Foreign \$5.25
- Volume III - Sorted by State, Frequency, City (22 pages) US \$3.50 Canada \$4.50 Foreign \$5.50
- Volume IV - Call Index (Call/State/City/Freq only) (6 pages) US \$1.00 Canada \$1.25 Foreign \$1.50

Send your order to: IRCA Reprint Service, c/o Steve Ratzlaff, 295 Pettis Ave., Mountain View, CA 94041

Please be sure to specify the volume(s) desired.

**DX**  **WORLDWIDE EAST** 

EDITOR: JAMES R. HALL

9839 PRESIDENTIAL DRIVE #103  
ALLISON PARK PA 15101-1841 USA.

A few notes to pass along this week: From Gerry Thomas, WLVU-1470 in Dunedin, FL broadcasts in GG Saturdays 8-10 p.m. (Eastern) and WLQY-1320, Hollywood, FL is in FF at least some evenings around 9 p.m. (Eastern). From Randy Stewart, Glenn Hauser's World of Radio program predicted another major geomagnetic flair sometime in early Feb., so possibly some interesting Latin cx will be forthcoming. Leonard Hyde is still experiencing difficulty on the 1180-Cuban. Per Leonard, he has logged the stn several times as "R. Pais" and notes that it's not as strong as the R. Taino outlet. Leonard, the R. Pais station (R. Peace) has been alternated on occasion with R. Taino, apparently. It's not a pirate, though. Cuban stations will never cease to confound DXers.

TRANS - ATLANTIC D X (Connelly-MA) unless noted

- 855 SPAIN, Murcia 0510 12/18 SS talk by w, fr. (Hakiel-NY)
- 882 ENGLAND, Washford 12/8 0610 EE talk by m, fr w/WCBS phased.
- 891 ALGERIA, Algiers 12/8 0045 Fr w/AA mx, also on 12/16 0503 w/m a-cappella chant to gd peaks.
- 1026 SPAIN, Reus? 0507 12/18 Fr w/SS talk by m & w. (Hakiel-NY)
- 1089 ENGLAND, BBC synchronos. 12/8 0709 Fem. EE rock vocal, pr/fr.
- 1098 SPAIN, synchronos. 0503 12/18 SS talk by m/w, pr/fr. XInt cx to Spain this night. (Hakiel-NY)
- 1116 SPAIN, Ponte Vedra 0455 12/18 SS talk by m, fr/pr. (Hakiel-NY)
- 1125 SPAIN, unk. city 0532 12/18 Fr w/soft mx, SS talk by m & w. (Hakiel-NY)
- 1305 SPAIN, Orense 0440 12/18 SS talk by m, SS vocal by w //1314, fr. (Hakiel)
- 1314 SPAIN, prob. Valladolid 0442 12/18 SS talk //1305, pr/fr. (Hakiel-NY)
- 1375 ST. PIERRE ET MIQUELON, 0143 12/13 Show-tune style FF fem. vocal, gd.
- 1422 GERMANY, Heusweiler 0700 12/8 Bits of GG talk in slop from FF Canadian on 1420.
- 1512 SAUDI ARABIA, Jeddah 0215 12/15 Fr/gd w/long talk by AA m. (Hakiel-NY)
- 1557 FRANCE, Nice 0548 11/30 Gd w/FF talk by w.
- 1562 PORTUGAL, Covilha 0516 12/18 PP talk by m, soft mx, pr/fr. (Hakiel-NY)
- 1575 GERMANY, 0545 11/30 Talk by m/w, apparently in GG; heavily slopped.
- 1584 SPAIN, 0520 12/14 SS talk by m, bad CBJ-1580 cl. mx slop. Also 12/24 fr w/man in SS 0452.
- 1593 GERMANY, Langengerg 0533 11/30 XLNT w/ m in GG, then 1961 het "The Wanderer" by Dion. Also 12/13 0526 w/GG talk, and 12/24 0450 w in GG, then GG T40 mx.

PAN - AMERICANA D X

- 530 COSTA RICA, Cartago TICAL R. Rumbo 0514 12/31 Amazingly loud at times w/ slow romantic folk-type SS vocals. 0520 TC "En Rumbo, son las once, veinte minutos"--- TC after every record. Best hrd in a long time, maybe ever. Still often tough copy w/beacon QRM, T-storm static & slop from obnoxious pest XEWA-540. Odd cx as CIAO-530 also audible in TICAL null! Rumbo faded compl. by 0535. (Stewart-MO)
- 535 GRANADA, St. George's 0223 12/14 R. Grenada noted at pr level w/m-f dialogue in EE and soft, pop mx. (Thomas-FL)
- 546 NICARAGUA, Chinandega. HTC555 here nightly since Nov. w/mostly soft mx. ID's as "cinco-cinco-cinco" but no formal sigs. Level ranges from gd to nil until 0300 s/off. (Thomas-FL) (Everyone look for this - may be a good chance to hear them in the clear. ed)
- 550 JAMAICA, Montego Bay 0312 11/23 XInt w/Jamaican nx by m. (Hakiel-NY)

- 580 JAMAICA, Galina 0321 11/22 Gd w/Jam. sports nx. (Hakiel-NY)  
+0443 11/24 Carib-EE talk, reggae, dub, & rap vocals, u/WTAG. (Connelly)
- 650 COLOMBIA, Bogota HJJX 0316 11/19 Gd w/discussion by 2 men, "R-C-N" ID.  
(Hakiel-NY)
- 720 JAMAICA, Kingston RJR 0520 12/20 Gd w/spot for "Jamaica" magazine - a  
radio show, not a publication. (Hyde-WW)
- 730 MEXICO, Mexico City 0505 11/24 Romantic SS vocal, "X-E-X" ID, in jumble  
w/CKAC phased. (Connelly-MA)  
+0240 11/12 Lively Mex. mx, call letter ID. Good. (Hakiel-NY)
- 750 JAMAICA, Port Maria JBC 0517 12/25 Carib-acc'td preacher discussing  
Christmas in WSB null; was nearly as strong as 700. (Stewart-MO) (Christmas  
of 91 is now in a permanent null. Randy, good going on the 750 JBC. ed)
- 750 VENEZUELA, Caracas YVKS 0357 12/23 "R. Caracas" noted in passing, xInt.  
(Hakiel-NY)
- 760 COLOMBIA, HJAJ Barranquilla 0400 11/24 RCN net ID, SS nx. (Connelly)
- 770 VENEZUELA, Valencia YVKK 0359 11/24 Dominant w/Ven. anthem - apparently  
opp. s/off as then lost to jumble. (Connelly-MA)
- 760 VENEZUELA, Puerto la Cruz YVQQ 0515 11/24 Hot dance mx (Af-influenced  
SS LA), "Doble Q" ID, gd o/several others. (Connelly-MA)
- 770 COLOMBIA, Bogota HJKH 0219 11/12 Talk by m & w, ID "R. C. N." in WABC  
null. (Hakiel-NY)
- 780 VENEZUELA, Coro 0341 11/24 "R. Coro" ID, festive SS mx, LOUD/DOMINANT.  
(Connelly-MA)  
+YVMN 0535 12/20 Fr in WBBM null, SS talk, LA mx, anmts w/"Coro!" ment's.  
(Hyde-WW)
- 796a CUBA, 0549 12/20 R. Progreso drifting again. Caught "Cuba" ment's in  
horrible slop, QRN and 800 hets. (Hyde-VA)
- 810 COLOMBIA, Bogota HJCY 0339 11/16 XInt w/SS talk, "CARACOL". (Hakiel-NY)
- 830 DOMINICAN REPUBLIC, Sto. Domingo HIJB 0331 11/16 Gd w/LA vocals, SS talk  
w/stn ID. (Hakiel-NY)
- 830 BELIZE, Belize City 0410 12/23 Gd w/Xmas pgm from "R. Belize". (Hakiel)
- 840 unID, 0000 12/28 Gd in WHAS null, US disco/LA mx., no ID's & ignores ToH.  
(Hyde-VA) (Prob. Cuban as usual. ed)  
+unID 0720 12/20 Also variety-pgmming with reverb. (Hyde-VA) (Leonard,  
the Cuban here runs a great variety of pgms, from short children's stories  
to mx pgms. ed)
- 850 COLOMBIA, Bogota HJKC 2354 11/13 Gd w/LA mx, SS talk. (Hakiel-NY)
- 870 ARGENTINA, Buenos Aires LRA1 0605 12/24 Fr w/guitar mx, m vocals, ID  
"R. Nacional", fr. (Hakiel-NY)
- 890\*\*\*\*COSTA RICA, San Jose TILDA 0432 11/23 Happy SS mx, "R. Fabulosa" ID, fr.  
(Hakiel-NY) (George, an excellent logging! ed)
- 900 HONDURAS, 0530 12/4 (& nightly) R. Centro weak but clear using cuckoo sounds  
w/IDs. Ballad-like LA mx the fare. Dont know which of 2 outlets this was.  
(Thomas-FL)
- 910 COLOMBIA, Medellin 0325 12/8 Noted LV de Rio Grande in passing at fr level,  
numerous Col. ment's and ID's. (Thomas-FL) (Gerry, hope to see more exotics  
from you! ed)
- 936 unID, In nightly w/gd carrier, pr audio. Looped NNE/SSW so I don't know  
whether it's a TA or LA (but it follows a TA fade pattern). Morocco or a  
wayward LA? (Thomas-FL)
- 944 unID, SS operatic singing detected here around 0350 since early Dec. Carrier  
fr / audio pr. Nothing listed but there was a Honduran here a while back.  
(Thomas-FL) (I remember the Honduran here but can't recall pgm. ed)
- 960 CUBA, 0550 11/24 Reloj pgm in messy pile-up w/CHNS/WXLO/WELI. (Connelly)
- +0410 12/22 Another new Reloj freq. for m u/local WFIR. (Hyde-WW)
- 990 VENEZUELA, Caracas YVRT 0440 11/7 LA mx, "R. Mundial Tri-color" ID, good.  
(Hakiel-NY)
- 1000 COLOMBIA, Cartagena HJAR 0432 11/7 Gd w/SS talk by m/w, "RCN". (Hakiel)
- 1010 MEXICO, Guadalajara XEHL 0505 12/25 Out of net nxcast w/ID "XEHL... ?"  
La Ponderosa, desde Guadalajara, Mexico...con 50,000 wats...". Fr/pr in  
mess. Not logged in years. (Stewart-MO)
- 1030 COLOMBIA, Cali HJER 0558 12/26 SS talk, "RCN" ID in WBZ null. (Hakiel-NY)
- 1090 VENEZUELA, Caracas YVSZ 0558 11/7 LA mx, "Exitos mil Noventa" ID, fr.  
(G. Hakiel-NY)

- 1100 COLOMBIA, Barranquilla HJSA 2255 11/14 SS talk by m & w, "CARACOL" ID. (Hakiel-NY)
- 1150 VENEZUELA, Punto Fijo YVMV 0415 12/28 Fr w/LA mx, "R. Mundial". (Hakiel)
- 1162.6 HONDURAS, El Paraiso HRGF 0115 1/4/92 Fr gd w/a sporting event betw. Hon. & Guatemala. "R. Paraiso" ID. (Thomas-FL)
- 1165 ANTIGUA & BARBUDA, St. John's 0222 12/29 Caribbean Lighthouse fr w/male in EE w/rigs mssges. (G. Thomas-FL)
- 1180 CUBA, 0432 12/31 SS talk by w who said "desde la Habana, Cuba". Very strong - totally bull dozing WHAM. (Connelly-MA)
- 1220 VENEZUELA, Valencia YVVM 0317 12/26 "R. Mundial Vlaencia" ID, gd. (Hakiel)
- 1285 UNID, Gd carrier/v pr audio 0107 1/4. Slow, operatic vocals in what sd/1k SS. No ID hints. (Gerry Thomas-FL)
- 1419 UNID, SS audio has been popping up here since early Nov. Carrier is at fr level but w/terrible audio. Looped Cen Am but nothing definate. Audible around 0300-0400. (Thomas-FL)
- 1580 VENEZUELA, Santa Rita YVYO 0357 11/13 Martial mx & "R. Occidental" ID. Gd. (Hakiel-NY) (A good one that's not been reported here since '85! ed)
- 1610 ANGUILLA, The Valley 0528 12/14 EE pereaching, like a local. Hetted by Vatican-1611. (Connelly-MA)
- 1620 \*(BEACON) "S-B-T" noted back in late Nov./early Dec. around 0400. My ref's list nothing - Help? (Thomas-FL) (Anyone? ed)
- 1685 COLOMBIA, Mercaderes MER having an identity crisis. First noted last summer using MEK; then occasionally MEA and MEN in the fall; now using MERE (or E MER). All signals l&c so not a propagation distortion. (Thomas-FL)

CREDITS: Thanks for ANOTHER excellent turnout!! KEEP IT UP

- (Hyde-WV/VA) LEONARD HYDE, 1805 Whipple Dr. #26, Blacksburg, Virginia 24060  
(WV-Dxing in Ballard, WV w/Philco-Ford car rx, 2' loop)  
(VA-DXing in Blacksburg, VA w/DX-440, 2' intensified loop)
- (Hakiel-NY) GEORGE HAKIEL, 739 Van Buren Ave., West Islip, New York 11795  
(ICOM R-9000 & R71A, lw's loops and phasing unit)
- (Stewart-MO) RANDY STEWART, 4225 W. La Casa, Springfield, Missouri 65802-5615  
(TRF & loop)
- (Thomas-FL) GERRY THOMAS, 3635 Chastain Way, Pensacola, Florida 32504  
(ICOM R-70/HQ-180A & experimental loops)
- (Connelly-MA) MARK CONNELLY, WALLON, 30 William Road, Billerica, Massachusetts 01821  
(Realistic DX-440, Kenwood R-600, 2 37-m lw's w/MWDX5 phasing unit)

#### SPORTS ENTERTAINMENT NETWORK (via Bill Hardy)

The Sports Entertainment Network is a new 24-hour sports talk radio network live from Las Vegas, Nevada. SEN originates at KVEG-840, with a nightly program from Bally's Casino Resort. The network features sports news, interviews, telephone talk via a nationwide 800 number, and betting odds from Las Vegas (betting on sports events is legal in Nevada). Stations may carry portions of the schedule (minimum requirement is 10 hours per week) to supplement other national or local sports talk shows and play-by-play sports, or may carry the entire package.

Hourly format: :06:06 to :59:56 (with news fill :00:06 to :06:06 containing local breaks at :01 and :04½ past the hour). One-minute network spot at :06:06 followed by program opening. One-minute network spots at :18, :30, :46, and :57:56 past the hour are followed by local breaks at :19 and :31 (2 minutes each), and at :47 and :58:56 (1 minute each). LEGAL ID BREAK is at :59:56. All SEN programming runs six seconds past the actual minute because the feed is on a six-second delay.

A complete SEN schedule will appear in Almanac Updater 5.4, available for \$2 from Bill Hardy, 2301 Pacific Ave., Aberdeen, Wash., 98520.

580 WCHS-WV	870 WHCU-NY	1290 KGVO-MT	1480 WABB-AL
620 WTRP-GA	930 WRXJ-FL	1300 WIBR-LA	1490 WMGW-PA
640 WWLS-OK	1150 KDEF-NM	1320 KXOL-NH	WJOC-TN
690 WTIX-LA	1230 WGGG-FL	1380 WCQL-OK	1530 KXTD-OK
XETRA-BCN	1240 KSAC-CA	1410 WLAQ-GA	92.7 KTOD-AR
840 KVEG-NV	1270 KPLY-NV	1450 WFFX-PA	100.7 WBIZ-WI

#### FM Mysteries:

WSKR-NJ Atlantic City - listed as "WSKR-FM"

KUCU-NM Albuquerque - listed as "KUCU-FM" (note also on 1150 KDEF in Albuquerque)





WESTERN  
DX  
ROUNDUP

Nancy Hardy  
2301 Pacific Ave.  
Aberdeen, WA 98520

DEADLINE FOR WDXR TIPS IS MONDAY. PLEASE USE EASTERN TIME.

REPORTERS FOR THIS ISSUE:

- (LG) Larry Godwin-2309 Clydes Dale Lane-Missoula, MT 59801  
Hammarlund HQ-150, SM-2
- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 91910  
Sony ICF-2010, Radio West loop, Delco car radio
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520  
FRG-7, Radio West loop
- (JH) Jim Hilliker-1705 Withers Ave. #12-Monterey, CA 93940  
GE Superadio
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504
- (RJO) Rod O'Connor-P.O. Box 3488-Kodiak, AK 99615
- (bp) Bruce Portzer-6546 19th Ave. N.E.-Seattle, WA 98115
- (HR) Harry Rea-2927 N.E. 21st Ave.-Portland, OR 97212  
Kenwood R-5000 with Portland Radio Supply longwire
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

\*\*\*\*\*  
OF SPECIAL INTEREST

- 730 KXEQ UT, Ogden 1/6 0628 ex-KSVN good over CKLG with ID. Heard while trying for projected KUCI call change to KBSU (no trace of 'em, currently silent??). (RW-CA)
- 1540 KBLV WA, Bellevue 1/11 0200 first noted with country music, "Country Gold Network" slogan. ID "KBLV Bellevue" only, no mention of other stations on the network (KJUN-1540, KTOL-1280). One ad noted for a business in a Seattle suburb. Ex-KLSY (adcon // 92.5 FM). I understand this was off the air a few days before the change, but I missed that. (bp-WA)
- \*\*\*\*\*
- 590 KID ID, Idaho Falls 1/9 0507-0615 poor with KRSO/KAQQ/KSUB/XEE, seemed to run Talknet one hour and ARN Sports Final the other, but there was another station behind them with ARN. Caught ID on tape after network news & local promo. New. (TRH-CA)
- (KSUB) UT, Cedar City Th 1/9 0419 apparently off; noted at 0506 with good signals as usual. (TRH-CA)
- KAQQ WA, Spokane 1/9 0439 poor with KRSO; both stations running Unistar NOS with no discernable delay between the two signals. Noticed dual KRSO & KAQQ IDs during station breaks! Rare here. (TRH-CA)
- 600 (KKLQ) CA, San Diego Tu 1/7 0324-0408 off, leaving KIIIX (Unistar (NOS) and KSJB (C&W). Returned at 0408. (TRH-CA)  
+Th 1/9 0419 off again. Locals XETRA-690 and XEPRS-1090 also off at times tonight. (TRH-CA)
- KIIIX CO, Wellington 1/7 0327-0408 fair with Unistar NOS, IDs, "Your station for marvelous memories" & similar slogans. Still not enough for a report! (TRH-CA)
- 690 WTIK LA, New Orleans 1/9 0653 noted ID in passing, very weak. (TRH-CA)
- \*XETRA\* BCN, Tijuana 1/6 0427 with TT. (RW-CA)
- 720 KSAH TX, Universal City MM 1/6 0330 good with usual "Radio Festival" slogans & Spanish programming. (TRH-CA)
- 830 KFLT AZ, Tucson 1/1 1913-1930 good at times but mostly only fair. Relig. music, ID "14 past 5 on KFLT." Later PSA "From the U.S. Postal Service and KFLT." Into weather with temps from Phoenix, Tucson, and other AZ towns. New. Was this a move from 1450? Heard them on 1450 several times

- from So. Calif in early '80s. (JH-CA) (KFLT-1450 bought KGLR-830 months after KGLR went on the air in the mid-1980's, then KFLT sold the 1450 station.--NH)
- KPLS CA, Orange per call on 1/9 to sales manager, is scheduled to begin operating 1/13 0800. (GL)
- (KPLS)+1/6 0800 per tips from Gary Larson, should've come on air at this time, but checked and found only usual KFLT with KNCO null. Gary mentions it may be a few weeks before they come on, due to technical problems. (RW-CA)
- 840 (KVEG) NV, North Las Vegas silent Sat. & Sun. AM 1/4-1/5 around 0900. (LG-MT)
- ?KSWB? OR, Seaside believed the s/on very weak 1/4 0900 during rare KVEG SP. Caught the "K-WB" twice. (LG-MT)
- 850 KMDY CA, Thousand Oaks 1/6 0500 not KCTQ yet. ID on hour still "KMDY, Thousand Oaks, the home of grown-up rock." (RW-CA)
- 920 KDES CA, Palm Springs 1/7 1929-1931 fair, barely atop mess with end of news & weather for Palm Springs. ID, TC, and patter between man & woman. Into MYL-type music. New. (JH-CA)
- 950 XEKAM BCN, Tijuana 1/10 per conversation with Mike Riordan, has two call-in numbers of 800-540-9526 & 213-520-9500 (LA area). I called business number & spoke with a producer who says power increase is now to 18kw days. I hear them better now day & night. (GL-CA)
- 1030 KMAS WA, Shelton MM 1/6 0241-0305 poor-fair under XEQR (KTWO/KJDJ both off; don't know why KJDJ was off this early). MOR music, local weather by man, ABC-I news on the hour, several IDs. New, WA #27. (TRH-CA)
- 1050 KMTA MT, Kinsey MM 1/6 0732 fair on night power with C&W, IDs by man. (TRH-CA)
- 1290 KMEN CA, San Bernardino 1/6 0530 still with CHR format, hasn't changed to all-sports format yet. (RW-CA)
- 1300 KYNO CA, Fresno 1/6 0515 noted with usual oldies, so they dropped their temporary all-Christmas music format. (RW)
- 1310 KXAM AZ, Mesa 1/7 1924-1928 fair-good in KDIA null with ad for Alan King at Sundome in Sun City, promo for Channel 12 news and ID "...on AM 13-10, KXAM." Into Big Band music. New. (JH-CA)
- KLIX ID, Twin Falls 1/7 2006 good in KDIA null with ID out of ABC news "Your 24 hour neighbor in South Idaho, 13-10, KLIX." (JH-CA)
- 1410 KTME CA, Lompoc 1/1 1540 good all day with local XEXX-1420 taking New Year's Day off. Unistar NOS // at times to local KPOP-1360. Still using "K-Time" slogan. (TRH-CA)
- 1420 KSES CA, Yucca Valley 1/1 1535 all day pest in local XEXX's absence, SMN "Pure Gold" oldies // KAMP-1430, KOGO-1590. Pest at night too, still looking for KUJ. (TRH-CA)
- KUJ WA, Walla Walla 1/5 1950-2115 "Best music from the 50's, 60's and 70's." Steady interference from KBNP-1410. (HR)
- 1450 KVSL AZ, Show Low 12/31 0200 noted s/off announcements. Formerly a nightly catch, now almost never noted. (TRH-CA)
- 1500 (KRCK) CA, Burbank I found out zoning appeal denied on 1/7, now goes before city council on 1/29 about conditional-use permit for towers near Sunland. (GL-CA)
- 1530 KFBK CA, Sacramento 1/4 0034 Deborah Norville Show with Sylvia Chase filling in for D.N. (HR-OR)
- 1550 KXTO NV, Reno per verie from KOZZ-1450 Reno (ex-KONE), they mention KXTO is strictly a daytimer. (RW-CA)
- 1560 KIQS CA, Willows 12/25 1030 poor-fair through KNZR during local XEBG-1550 annual Christmas SP. Paul Harvey news, weather for everywhere from Sacramento to San Francisco to Portland. Local ads for Glenn County businesses. Not bad for listed 250 watts! New, CA #239. (TRH-CA)
- 1570 CHUB BC, Nanaimo 1/3 2140-2200 in & out in partial KTGE null. Poor-fair with Vancouver hockey game vs. Washington Capitals. Later that night, 2300, ID & news, weather. New. (JH-CA)
- 1590 KLIV CA, San Jose 1/4 1955 three traffic reports, Piper-Sonopma wine ad, Sharks-Flyers hockey score reported by Susan

Salminen (spelling?), cut to CNN news at 2300. (HR-OR)  
(Is one of these times off by three hours???--NH)

KELP TX, El Paso 1/5 2301 HUGE with Spanish, two IDs in English  
on the hour. (TRH-CA)

#### DX TESTS

- 720 (KUAI) HI, Eleele Sun. 1/12 0535-0602 tried but not heard, only usual KDWN and electrical noise. Not needed here. (BH-WA)
- 820 (WIQT) NY, Horseheads MM 12/23 0100-0130 no trace, WBAP & KEYX both much louder than usual tonight. (TRH-CA)
- 1290 (KUMA) OR, Pendleton MM 12/2 0300 no trace; not surprising, as I know from vacation DX'ing that this station does not get out! Needed. (TRH-CA)
- 1360 (WGEE) WI, Green Bay MM 12/2 0200 no trace of them; could only put a small dent in local KPOP. Needed. (TRH-CA)
- 1410 (WDOV) DE, Dover MM 12/16 0200-0300 no trace of them; needed (of course!). (TRH-CA)
- 1570 KMYZ OK, Pryor MM 1/6 0101 extremely weak under XERF with bits of code at 0102 ("K") and 0134 ("YZ 1" -- possibly part of "KMYZ 1570"?). Details and times confirmed with J.D. Stephens! New, OK #11. (TRH-CA)
- (KMYZ) OK, Pryor 1/6 0100 DX test tried, only heard reg. CHUB with Western Info. net news, "BC Tonight," PSA's & sports. Tried again 0130, only unID Spanish looping SE. (RJO-AK)  
+1/6 0414 DX test tried, not heard. Heavy KNIX-1580/KNZR-1560 splash, KBLA-1580 subdued, nothing noted with CFEZ/CHUB nullled. (RW-CA)
- 1590 (WARV) RI, Warwick MM 12/23 0300-0330 no trace; as their 5kw is beamed right at me I thought this might have a chance. (TRH-CA)

#### HELP WITH UNIDS

- 820 GJ-CA's unID Spanish in 1/11 WDXR is surely KEYX-BCN. (TRH-CA)
- 820 GJ-CA's unID OC in 1/18 WDXR is probably KEYX, Mexicali. This was suggested in the 10/19 and 10/26 WDXR's by RW and TRH as being LG-MT's strong OC in 9/28 WDXR. (BH-WA)
- 890 CM-CA's unID in 1/11 WDXR is KVOZ-TX. (TRH-CA)
- 910 JH-CA's unID in 1/11 WDXR almost certainly KFYI-AZ. (TRH-CA)
- 1120 PM-OR's unID under KPNW in 1/4/92 WDXR over KMOX is likely KANN-UT, common here at night. (RW-CA)
- 1270 NH-WA's unID in 12/7 WDXR is likely KPLY-NV as hinted by DJS in 12/28 WDXR. They are the only 1270 outlet on the Sports and Entertainment Network list supplied by KVEG-840 and have been a consistent night catch here with their former oldies format. Thanks to KVEG and Larry Godwin for sending SEN lists. (BH-WA)
- 1270 bp-WA and NH-WA's unIDs in 12/7 WDXR probably both KPLY-NV. (TRH)
- 1340 JH-CA's 104.5/1340 unID in 1/11 WDXR is definitely KCEM-NM. (TRH)
- 1360 JJ-WA's C&W unID in 12/21 WDXR is KOHU-OR. (TRH-CA)
- 1360 bp-WA's unID in 12/21 WDXR with SNN/oldies was probably KZIQ-CA. (TRH-CA)

#### UNIDS

- 910 1/7 1940-1945 good in KNEW null. Talk show with host named "Bob." No ID or indication where this was from. Lost at apparent power down or pattern change at 1945. (JH-CA)
- 1310 1/7 1845-1905 Kool Gold affiliate // KLAU-1540. Poor-fair in partial KDIA null. Always faded before local ID. (JH-CA)
- 1370 1/3 2130 under KEEN in partial-null, sounded like basketball game, thought I heard mention of Oregon Ducks. Poor. (JH-CA)

Welcome to WDXR, Harry. We hope to hear from you often! It's great to be able to welcome to WDXR as many new reporters as I've done lately.

# Central DX Roundup

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

 **PRODIGY**  
MPNN49A

## FOR THE RECORD

Report all times as Eastern. Computer reports accepted. Deadline is every Saturday.

## RIDING GAIN

- [TMJ-IL] = Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435-9640  
FRG-7, 2½ foot loop.
- [TML-IN] = Tom Laskowski, 1334 East Miner Street, South Bend, Indiana 46617  
Icom IC-R71A, loop.

## SPECIAL INTEREST

- 820 WSCR IL, Chicago. 12/27 to 12/31 noted with OC and TT various times during the day. 1/1 TT and music. 1/2 noted on air with full time programming. All sports talk and call-in shows. 1/2 first day on air. Using slogan "The Score, Sports Radio 820" and ID "Score sports radio 820 WSCR" on the hour. Sign off at 1845. [TMJ-IL]

## DOWN THE DIAL

- 720 WWII PA, Shiremanstown. 12/27 poor in WGN null. 0625-0707 with Gospel music. Male and female announcers. Spot for Pizza Hut in Harrisburg. No ID heard, but suspect this is WWII. [TMJ-IL]
- 1080 WVCG FL, Coral Gables. 12/31 very weak w/Cuban. 0600-0700 with SS talk, music. ID on the hour in English "WVCG Coral Gables, Fort Lauderdale." [TMJ-IL]

## DX TESTS

- 560 WGAN ME, Portland. 12/31. Not heard, WIND too strong. Would have been nice! [TML-IN]
- 820 WIQT NY, Horseheads. 12/23 fair to strong o/WBAP. 0103+ TT, Code IDs. Only lasted until about 0115. New one here. [TML-IN]
- 1150 WDEL DE, Wilmington. 12/30. Not heard despite relatively clear frequency. [TML-IN]  
+12/30. 0330-0400 listened during this time, but CJRC was dominant. [TMJ-IL]
- 1320 WCVR VT, Randolph. 12/30 Not heard. I imagined I was hearing bits of code, but not sure. [TML-IN]  
+12/30. 0000-0330 listened during this time, had partial null on WKAN (25 miles away.) Heard only WILS, WJAS, and KXYZ. Only possible TT heard was at 0008. [TMJ-IL]
- 1590 WARV RI, Warwick. 12/23. Not heard. Local WAMJ-1580 had OC which could not be nulled. [TML-IN]

## EQUIPMENT TESTS

- 1000 WKYB SC, Hemingway. 12/31 fair to poor in WLUP null. 0010-0055 with Rock and Country music while running Equipment Tests. 0013 caught part of ID mentioning 10,000 watts. 0052 ID too weak to copy, but did hear mention of South Carolina. First time heard. [TMJ-IL]

---

## 25 YEARS AGO

---

January 28, 1967 issue of DX Monitor.....Ed Krejny was featured as "DXer Of The Month." In addition to a photo on the cover, a brief history of Ed's DX was listed telling us Ed started DXing in 1950. His first verie was from WPIT...Dave Johnson of Pueblo, CO received verie #500, KGVL....Dale Wing of Brunswick, GA received a verie from ZNS.

---

## OPEN MIKE

---

Happiness is a way station between too little and too much. Thanks to Tom and Tom we had a column this week! 73, John.

---



# Western DX Forum

★★★★

---

RRID WHEELER 5910 BOULEVARD LOOP SE OLYMPIA WA 98501

---

Deadline: Each Saturday

[11]

Steve Mittman, 2248 West 37th St. San Pedro, CA 90732-4506

(310) 833-1010

*[continued from last week]* South Californian's are very familiar with the voice of Mark Denis, who gives the traffic reports for KFI-640 and its FM, KOST-103.5. (Denis was also the ex-traffic reporter for Car Radio 93 KHJ.) Besides KFI and KOST, Denis' voice can also be heard in Southern California in a couple of other Orange County locations: via a tapelooop on CalTran's 530 HAR station, KNEC996, he provides motorists with I-5 freeway construction information and carpool tips. And, at one time or another, most of you out there have probably heard Denis' voice, as he is also the Voice of the Monorail at Disneyland! To counter conservative Rush Limbaugh, KFI also has a very liberal talk show host by the name of Tom Leykis (pronounced "Lie Kiss"; and yes, he gets kidded about that all the time, hi.). Leykis, at one time or another, has been all over the country, but has been with KFI since the station went all-talk about 4 years ago. Leykis is openly credited by KFI with having "saved" the station! In my humble opinion, as well as the opinions of many others (such as newspaper columnists and the like), he is probably the BEST radio talk show host in the country! Being a liberal myself, I of course think he is the greatest, hi. But conservatives love his show, too, because his programs are noted for getting so heated and excited! He is so unique it seems that everyone is L.A. listens to him. Even teenagers that I sometimes run into -- who typically only listen to FM music -- tell me they regularly listen to Tom Leykis! His topics will range from politics, to "Should you have the right to bring your own headphones onto an airline and watch the movies for free?", to "How old was the youngest person you ever dated?", etc. His show airs from 3-7 pm which means that most of it can be heard by DXers during the winter months. Also, the "Best of Leykis" often airs around 2 am. By the way, his show has also aired live a few times on C-SPAN cable, and sometimes he fills in as guest host on CNBC cable. Speaking of KFI, the following tidbit appeared in the Times on Sept 28: "miscellany: KFI, a 50,000-watt, clear-channel station (the only station in this region on the 640 frequency), has been heard by listeners as far away as Australia, Norway and Japan." Being a 1960's sci-fi afficiando, I was saddened recently by the death of Gene Roddenberry ("Star Trek") and then again just a week later by the passing away of Irwin Allen ("Lost in Space"; "The Time Tunnel"). That's all for now. Have a great '92! 73 de SMM

continued next page

## \*\*\* A DXers TECHNICAL GUIDE \*\*\*

Now in its 2nd edition, this 120 page book answers questions on how receivers work, how to make them work better, what audio filters and loop antennas will do for you, how to build a beverage and phasing unit, and much more. Only \$5.50 for IRCA members, \$6.50 for non-members (add \$2.50 for overseas airmail). Write: Phil Bytheway, 9705 Mary N.W., Seattle, WA 98117.

Larry Godwin, 2390 Clydes Dale Lane, Missoula, MT 59801

(406) 721-5131

Greetings! Re my comment on the program Earthwatch in my last DXF: The reason I got the error message was that I tried to run it on a monochrome monitor, and it requires CGA or VGA. I ran it on my machine at work, and it's pretty nifty; well worth the price. I plugged in the latitude and longitude for Santiago, Chile, date and time, and got local sunrise and sunset times in a snap. It doesn't generate monthly tables as SunTimes does, though. This week I bought Rand McNally-Goodie's World Atlas (18th edition) for \$15.00, to help me calculate distances to stations heard (with the help of my program Bearings, previously described). It has over 100 pages of cities with latitude and longitude, three columns per page. Even tiny towns are listed. Also bought a Micronta AC/DC multimeter at Radio Shack (stock #22-212) for \$12.95, so I can test my loop 9-volt batteries under load. I just got my Radio West loop and am pleased with it. It is much more durable than the SM-2, hence more suitable for DXpeditions. It also generates less hiss, and picks up less line noise. However, it doesn't pull in a weak signal quite as readably as the SM-2. I'm glad I have both. I finally got the list of "Sports and Entertainment Network" affiliates from KVEG and forwarded it to Nancy. I'd hoped to DX up a storm over the holidays but had the flu and hurt my back. I'll be back to normal soon, and hope for all of us some DX peak experiences in the New Year. 73.

Jim Hilliker, 1705 Withers Ave #12, Monterey, CA 93940-1569

(1/3/92; #1) Hope everyone had a great holiday season. I wish all of you and your families and our club a happy 1992! I'm finally catching my breath after the convention and a busy December. I apologize to Duncan by adding 5 years to his age in the convention article. The bulletin has been looking fantastic the last couple of months!! The article on the Newfoundland DXpedition was great to read; it was the next best thing to being there, hi. Neil was telling us during the convention about his plans for being there. Neil and Tim had planned a DXpedition to Ano Nuevo on 11/2 during the convention. It was canceled when Neil got sick late Friday night or early Saturday and spent much of 11/2 in his room. But he felt much better by that night and went to the banquet. Anyway, I think the club's in great shape for '92. A big thanks to Ralph, our column editors and everyone who reports! Not much new here. KIDD-630 still hasn't changed format to Unistar Standards, so is still // KXDC 101.7. Legal ID's are sometimes given as early as :49 after the hour! I've heard about 20 or so new stns since October. Most are at SSS when I go to the park with my 3-1/2 year-old son and take along the Superadio, hi. My total is now 366 stns heard from Monterey. Usually I'm just too tired to DX with getting up for work at 3 a.m. each day and then taking care of my son and our apartment. The noise here from cable TV and other sources is also discouraging. Interesting to see KPLS-830 in Orange testing and probably on by now or soon will be. Gary Larson - the tower site is on Black Star Canyon Road. Can't believe that's finally coming on after all these years. People living near the tower site had asked Orange County Supervisors to have the towers removed and placed elsewhere. Will be interesting how the 1500 CP fares with the L.A. City Council on getting a tower site. I saw the Radio World article on KTNQ-1020's site in City of Industry and that may be the way to go in urban areas. If anyone wants a copy of the article, send me an SASE. 73.  
Jim

Robert Wien, 1309 Dentwood Dr, San Jose, CA 95118

(1/6/92) Well, it's MM 1/6/92, 3 AM, not much coming in, it's raining outside, KMYZ-1570 test didn't make it despite good cx to that area, so hoping KPLS-830 comes on this morning. Tnx for phone calls from Gary Larson and Curtis McMenamin. Gary passed on that the tip on the from of the 1/4 bulletin was no longer valid, I had also heard the same info from the station when I called them Sunday 12/29, but I guess technical problems precluded them from coming on, and it may even be a few more weeks till they come on, don't know right now, I'll check at 5 AM for 'em tonight. Some read good DX tests coming up, especially WMXY-720, KGFW-1340, KUSD-690, DBBS-1450, these have the best chance to make it here, can't try for KADA test, I'll be at work then, most of the other tests have a slim to none chance of making it here, except maybe WDAY-970, depends on what pattern they use. Only test to make it here so far was KPAY-1060, but that's a daytimer for me here, hi. It'd be great if the EC tests could be arranged after 3 AM, ELT so it'd be after midnight on the WC and the frequencies might be clearer, but I guess the schedule is up to they mercy of the station involved. My picture I took at the convention on the from of the 12/28 bulletin didn't copy well, but I have the originals (Curtis McMenamin has the other set), so there, at least I could ID everyone for my photo album! Well, back to my DX'ing. 73's,

Mike Sanburn, P.O.Box 1256, Bellflower, CA 90707

(1/5/92) Hello to you people. I'll start off my giving a belated welcome to Reid, and thanking Bill and Ric for their fine contribution [all compliments appreciated, hil-rcw]. Also, thanks to Ric, Robert, and Steve for the Christmas cards. More thanks to Tim, Wayne, and Greg, for recent tips and 'unid' help. <yes, KTSM would be more than welcome here.> Compliments to J.D.S. for his fantastic CPC effort - do support him, this is a golden opportunity. I've already logged KTJS and KWCO, and I'll be listening for the upcoming tests. '91 was a busy year for me. I've picked up several goodies including IRCA Almanac, Mexican List, v/s annual, and a 20 state achievement award (handsome certificate!). My actual state total is now 32 I believe. Sorry to hear that KGAL changed call letters. They're a former regular for me, back in my Hallicrafters S-38E days. I'll be celebrating my 20th DX anniversary this July 1st, so '92 should be a great year. (It all started w/KBOI.) I hope to see some of you at a future S.C.A.D.S. meeting here in town. 'til next time - 73.

Reid Wheeler, 5910 Boulevard Lp SE, Olympia, WA 98501

A fairly heavy WDXF this week - it's good to hear from so many of you lately. Larry Godwin - in answer to the 'P.S.' on your 1/3 forum (and to others who remember him), to the best of my knowledge Len Lockwood is no longer active. Shortly after returning to Olympia in 1986 I attempted to trace him down but the listed phone number was disconnected and the landlord at the listed address did not have a forwarding address. He has not been listed in the phone book since 1989. I did meet him once at his home back in the very early '70s and remember having a good DXconversation.



United States Department of the Interior

NATIONAL PARK SERVICE  
SEQUOIA AND KINGS CANYON NATIONAL PARKS  
THREE RIVERS, CALIFORNIA 93271

IN REPLY REFER TO:

D5027

December 26, 1991

Charles C. Boehnke  
P.O. Box 488  
Keaau, HI 96749-0488

Dear Charles:

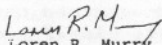
I received your letter and tape regarding your reception of our temporary Travelers Information Station at the U.S.S. Arizona Memorial. The dates of your reception, 11/22/91, 11/23/91, 11/24/91 and 11/30/91 the station was operational. We activated the station with our test message 11/21 through 12/3. From 12/4/91 to 12/7/91 we broadcast our event and traffic advisories.

The transmitter is a 10 watt unit manufactured by Information Station Specialists. The antenna used was a vertically polarized whip with a ground array grid system. The installation was on the roof at the U.S.S. Arizona Visitor Center.

We had very solid coverage in the area for an approximately 3 mile radius. Several reports were received out to 10 miles.

I appreciate your reception report and verify that it was indeed our unit.

Sincerely,

  
Loren R. Murzy  
Regional Telecommunications Manager

# EASTERN DX FORUM

RICHARD C. EVANS  
PO BOX 21883  
MILWAUKEE WI 53221

Deadlines: Saturdays

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

The owner of WNBS radio and low power WNBS-TV, Murray, KY was arrested by Pasadena, CA police according to the Courier-Journal (1/4/92). Pop singer Troy Cory was indicted in KY on 20 felony counts of theft of services after alleged failure to pay employees of the stations, silent since December. Stations were named Nathan B. Stubblefield. Cory, aka Keith Whitenack, aka Stubblefield, claims his grandfather, Nathan, invented radio in 1892. Meanwhile, an assistant professor of Radio and TV (Bob Lochte) at Murray State University and a campus TV station engineer (Larry Albert) demonstrated a replica of the invention as Cory awaits extradition proceedings. Range was about 40 feet. Lochte and Albert plan to build and demonstrate a more historically accurate version of Stubblefield's "Wireless Telephony". The city of Murray will celebrate the 100th anniversary of this invention during Kentucky's bicentennial. Y'all come and have some collard greens cooked with hawg jowl with a corn pone on the side. Maybe do a little DXing while you're here. Sorry to say the soil conductivity in Kentucky is not so good, so bring your ground. 73.

Ernest Cooper, 5 Anthony Street, Provincetown, Massachusetts 02657

Veries in since the last Forum are from WJNX-1330-FL, WTME-1240-ME, WYAK-1270-SC, WLVG-740-MA (sent by WWEA), WMXF-1460-NC, WFYV-1460-FL and WKTP-1590-TN. That brings the total to 4394. WKTP relays "KPT-1400 for the most part, and I mentioned in my report that I had a verie from WKPT from 1940 signed by a Bob Swicegood, Mgr. The v/s says there are still three people with the station who remember him! Locally, after having had a nice open 1240 from 10/30 to 12/28, WUOK has finally hit the air, and of course, they're NSP, programming CNN News. Their FM came on at the same time on 94.9, and they're all tele-talk, and also NSP. Cape Cod in the winter is not exactly bustling with nighthawks, so I'm wondering who's listening to all the Cape Cod FMs operating 'round the clock? The only commercial FMer which doesn't broadcast all night is WFCC-107.5, the classical music station. I got reports off to WVKZ-NY and WSYI-ME on 1240 after the demise of WOGB, but neight one has answered. WTME-ME did, after I sent my f/up to WKTQ in Norway, ME, the station they relay. The Auroral CX lasted almost till Thanksgiving Day, and the last few weeks have found very little skywave at twilight, so DX at that usual fruitful time hasn't been very rewarding. DX: Sun. 11/24 - I noted my longtime nemesis when I lived in Brooklyn topping 1590 at 0135 - WERA, Plainfield, NJ - one I finally heard a couple of months before I left "dear old Brooklyn". They have religious tele-talk at that hour. 11/2 - I don't know if I heard WGEE-1360's test or not - I thought I heard a couple periods of Morse Code, and some operatic singing u/WDRG - could that have been WGEE? 12/3 - I heard "Sing along with us on Sunny 95" on 1240 at 1642, then later they mentioned WSYI, Sunny 94.9. Unn WSKI-1240 was also in. 12/4 - WSML-1200 NC o/WKOM (semi-local) at 1631 & on. Neither of these has replied. Later at 1721, I finally caught WMVI-1160 Mechanicville, NY for a report, also no reply. Note, there is no "s" in Mechanicville! I've noted WRAL off several mornings - they may have quit ANING! Guadeloupe and an SS noted on 12/20, but on 1/2/92, 'twas CKKW on top. 12/20 - WJNX-1330-FL on top at 0259; unn WTMA-1250 at 0305. 12/23 - On 1300, u/WAVZ "The station that magnifies God" was heard - turned out to be WING, Ewing/Trenton, NJ, not enough for a report. 12/27 - I thought I had a goodie u/WKOX-1200 but it turned out to be old friend WOAI at 0156. 'nd 1590 was topped this day by Capital Radio, XFVOZ. Fwd.March.



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

Exciting new developments will change the AM band dramatically within the next year. The FCC is slowly leaking details about the expansion of the band to 1700 kHz. Their goal is to eliminate as many AM stations as possible to remove the clutter and interference that overcrowding has created. The ten new frequencies, 1610 through 1700, will be filled with simulcasts of existing AM broadcasters. Simulcasts will be allowed to continue for five years to allow listeners to adapt to the frequency changes. The current frequency, lower on the dial, will then go silent. If you want to use one of the ten new channels, be prepared to broadcast in high fidelity and stereo. The FCC is making this one of the prerequisites in applying for top band operation. Stations who are suffering financial difficulty will be offered attractive tax credits to leave the air forever. Multiple station owners will be given the right to buy stations on frequencies they already operate on en masse, if they will make the station go dark. If you want a clear channel, all you have to do is buy all the stations on the frequency and turn them off! Also, TIS stations will be eligible to apply for licenses to operate on any AM frequency as a secondary service. All TIS stations now using 1610 or 1620 kHz will probably make way for the new commercial simulcasters. Rules concerning adjacent and co-channel ground and skywave interference have become more strict, and new station applications are no longer accepted, for the time being. The FCC hopes that by encouraging stations to go dark, and spreading them onto 10 new frequencies, the band will become more desirable to the American public. The National Association of Broadcasters is promoting a new line of radios, under the trademark "AMax", that will provide users with high fidelity stereo reception. The BBC's RDS system might appear, at least as an experimental test, in the next few years. The system provides instant identification of stations equipped with their data encoding system. RDS equipped car radios track programming you describe through a keyboard on the set. If you wanted to listen to Larry King, or country music, on a long trip, RDS would switch you to the strongest station available automatically. If all these ideas come to fruition, we could find ourselves with a dramatically different band with all sorts of new DX adventures and opportunities awaiting us. Imagine AM radio as a vital and growing medium again. It could happen! (continued next week...)

Mike Hardester, 3118 Gaitway Court, Jacksonville, North Carolina 28546

A very friendly letter was received from Lincoln V. Hubbard, CE, confirming my reception of the WARV-1590 DX Test on 12/23. I sent a taped and written report-noting, among other things, an instrumental version of "Hark the Herald Angels Sing". Just so happens, that was part of the test and he had that in his log. Also, a WARV Program Guide was received. State #46 verified! In looking through different DX bulletins, I note an "Experimental Beacon" is being heard on 1639 kHz with the code ID of "RD". Per Hank Holbrook, this station is operating from Berlin, MD, and using ONE WATT. Not only has it been heard at my QTH, I noted a report (December issue of the LWCA "Low-down") of the station being logged in California! Although the station is not a licensed BC<sup>2</sup> stn, it does make for some interesting DX! Give it a shot: address for reports is Dave Holland, 300 South Main St., Berlin, MD 21811. The station operates weekends, and occasionally on weekdays. MANY THANKS to the editors who keep our club going ...how about we support them in '92 with more Forums and column reports! Very 73 and Best of DX! (Mike, thanks for the paper--rce)

Rick Evans, P. O. Box 21883, Milwaukee, Wisconsin 53221

I had to work on New Year's Eve, and three of us (all in our upper 40's in age) got to talking about the rock stations we had listened to when we were young. I don't think either Don or John are DXers, but it was fun trading stories with them on the old stations we had listened to in our teens, such as WLS (of course), but also KOA, WHO, WCCO, Cleveland, Cincinnati, KAAY in Little Rock (John seemed shocked to find out KAAY is now religious), and even Boston. John mentioned one time about how many stations Larry King is on at night, and I said it must be over half the stations in the country. John's comment: "You've noticed?" See you next week. 73.

## MWDX-5 Phasing Unit

Mark Connelly - WA1ION - 01 OCT 1991, updated 29 DEC 1991

The MWDX-5 phasing unit, like the earlier 'MWDX' models, is used to create a phase shift between the signal contributions from two longwire antennae in order to null a dominant station (or noise source) which interferes with co-channel or nearby-channel DX stations. After creating such a null, the (formerly-covered) desired DX station(s) may often be heard clearly. Unlike a loop having a bidirectional null, the phasing unit's null is of a single direction nature. Therefore, a station to the west can be nulled and signals from the east will be received well.

At the end of this article is a list of recommended reading material which includes previous phasing unit designs. These works will do much to introduce phasing unit principles to the "uninitiated".

The MWDX-5 has as an advantage the ability to use both the series-tuned method of MWDX-1 and MWDX-2 (/2A/2B/2C) and the parallel-tuned method of (Mini-)MWDX-3 and MWDX-4(A,etc.) units. Longer wires usually work better with the series-tuned input arrangement (less signal loss) and shorter wires will only work with the parallel-tuned scheme. Refer to Figures 1A and 1B.

<All figures are placed after the end of the article's text>

MWDX-5 incorporates the BBA-C broadband amplifier (as shown in my previous articles on the DCP-1 controller, RTL-1 loop and MWT-2 regenerative tuner). This amplifier has higher dynamic range than the BBA-B used on MWDX-4 style phasers. The older design BBA-B may be substituted for reduced battery drain; performance in rural areas will not differ greatly.

A plastic chassis box is used for MWDX-5. The big advantage to this is that the tuning capacitors can be "floated" from ground without any special insulating hardware. This keeps the size and cost of the unit reasonable. MWDX-5 has been designed with the essential features needed for medium-wave DXing. Two other members of the MWDX-5 "family" - the Mini-MWDX-5 and the Super-MWDX-5 - provide reduced and enhanced capabilities respectively. Separate articles will describe these units (not necessarily with complete construction details).

### MWDX-5 Two Wire Phasing Procedure

Figures 2, 3, & 4 are the schematics of the MWDX-5. Please refer to them during this discussion of phasing procedure.

A desired effect of two-wire phasing is to receive stations in the opposite direction of the station to be nulled out: this is something a loop generally cannot do. Wires to be used should be at least 15m./50 ft. long. I have found that wires separated by 45 to 90 degrees work best at the shorter lengths (less than 50m./164 ft.). Layout of longer wires is less critical. Beverages can be in parallel or close to parallel; some have recommended that one be terminated and the other one floating; distance between two parallel Beverages should be at least 5m./16ft.

-----  
[See Table 8 for physical positioning of switches]

### 1.0 Phasing Steps (2-wire)

1.1 Set frequency-range switch S1 to the correct range for the frequency of operation (see Table 2). Set length switch S2 to Normal. Set Line 1 function switch S3 to Tuned; set Line 2 function switch S4 to Tuned. Null-mode switch S5 may be put in either position: it doesn't matter yet. Set amplifier switch S6 to Off.

1.2 Set Q-balance pot R1 to fully counterclockwise (CCW) = maximum resistance shunting C1. Set level pot R2 to fully CCW (maximum resistance arm to ground).

1.3 Connect longwire #1 to J1 and connect longwire #2 to J2. Connect earth ground, if available, to J3 or J4. Connect phaser's output (J5), via coaxial cable, to the input of the receiver to be used, or to a tunable preamp. between phaser and receiver. Connect a 9V battery to the J7 battery holder and plug P1 into J6, or connect the plug of an 8V to 15V DC power source to J6.

1.4 Tune Line 1 by peaking desired-frequency signal strength with C1. At this time, leave C1 at its peaked-signal position.

[At this time, other positions of length switch S2 (Short, Long, Terminated) can be tried to see if greater signal transfer is possible. Re-adjustment of C1, and possibly S1, may be needed to re-establish a peaked condition. In any event, the peak should have reasonable Q (be well defined) and C1 should not be set too close to fully CW or fully CCW. In most cases, S2 on Normal will provide good enough signal levels and reasonably sharp tuning not overly affected by differences in length between the two wires to be phased.]

1.5 Turn R1 to fully clockwise (CW). Tune Line 2 by peaking desired-frequency signal strength with C2. At this time, leave C2 at its peaked-signal position.

1.6 Set S5 to Null-a. Adjust R1 to search for a null of the dominant ("pest") station or noise. Try this again with S5 set to Null-b. Leave S5 on the position yielding the better-defined null (or if nulls were obtained both ways, put S5 on the position which gave a null with R1 set closer to its center position). Set R1 to the null-yielding position.

If a null was not found by adjusting R1, or if the final R1 setting is fully CW or fully CCW, do step 1.7 - otherwise skip to step 1.8a/b.

1.7 Adjust R1 so that the signal level observed with (S3 = Tuned & S4 = Off) is the same as that noted with (S3 = Off & S4 = Tuned). When this has been done, set both S3 and S4 to Tuned and then set S5 to the position (Null-a or Null-b) giving the greater reduction in signal level of the station to be nulled.

1.8a If R1 is at center, or CCW from center, adjust C1 then R1 alternately to improve the null until no further improvement can be accomplished. Then do the final null "touch-up" with an interactive adjustment of C2 and R1.

< OR >

1.8b If R1 is CW from center, adjust C2 then R1 alternately to improve the null until no further improvement can be accomplished. Then do the final null "touch-up" with an interactive adjustment of C1 and R1.

1.9 If more gain is required, set S6 to Amplifier On and adjust R2, as required, to prevent overloading / spurs. Slight re-adjustment of C1, R1, and C2 may be needed to get the best possible null.

continued

After reading Mark Connelly's article comparing the DX-440 with the Sony ICF-2010, it occurred to me that correcting the frequency error on the DX-440 might not be too hard, if you could find which pot or adjustment to tweak. Never one to be afraid of tweaking pots, I took the back off my DX-440, and found that the fix is unbelievably easy! In fact, if you are not averse to doing some "constructive destruction" on the back cover, it can be done without entering the rx at all!

Remove the back cover. There are five screws visible, and one under the bottom battery. It is unnecessary to remove the batteries. Note: removing the back cover will blank the display. To avoid this, hook up a 9V adaptor before doing so. Lift the cover away from the rx. There is only one wire - the antenna wire. Disconnect this to avoid breaking it.

On the board, you will see 3 crystal cans on the upper left. Beside the far right crystal, to the lower left, you will see a small IF type can. This is the frequency adjustment.

Procedure: Clip a short wire to the disconnected antenna lead. Turn the set on, and tune in the best WWV freq you can find. Set the dial at the correct setting. Filter should be on "narrow." Turn on the BFO, and set the knob at 12:00. Switch the "Lock" button to "in."

Now, using a small screwdriver (fiberglass is best), tweak the adjustment until the BFO "zero beats". Make sure you didn't move the BFO setting by accident. Tweak again as needed. Now, turn off the BFO, and check to see that the dial setting is right with the station tuned in correctly. It should be. Your DX-440 is now back on track, the way it was when you bought it.

"Constructive destruction" - to facilitate future re-tweakings, drill a small hole in the back cover directly above the frequency adjustment can. This is your decision. A cleanly drilled hole should be completely unnoticeable, and would prevent your having to enter the rx again in the case of future adjustments.

One area that Mark did not mention was audio quality. I feel this is the DX-440's biggest shortcoming. The sound is muddy at best, and worse with the filter set at "narrow." With both rx's set at the same freq, copy is far easier on my car rx than the DX-440. An outboard speaker helps.

Also, I find that the DX-440 has trouble with RF amps, and active antennae. The AGC seems to "saturate", and the rx tends to overload on strong peaks. It is always necessary to back off the RF gain to compensate, thus effectively negating the added amplification. This is especially troublesome when flutter or fast fades are involved. The AGC attack time seems too slow to be able to compensate. Slow AGC is desirable for SSB reception, but not AM.

73 de LLH.

### FINLAND DXPEDITION

continued from last issue

1341	7.10.	1530-	R Pakistan Bahawalpur
1350	17.10.	1326-	Wor Por Tor, Trang
1350	13.10.	1510-	JOER Hiroshima
1366,3	11.10.	1327-	Henan PBS
1368	12.10.	1353-	JOTS Wakkanai. "HBC Raijo".
1368	14.10.	1255-	JOHP Takamatsu. Hiroshima regional nx.
1368	14.10.	1255-	JOLG Tottori. Tottori-ken regional news.
1368	15.10.	1255-	JOJP Tsuruoka Niigata regional news.
1377,6	often	1325-	DYVR Roxas City
1386	15.10.	1458-	JOJB Kanazawa
1386	10.10.	1400	Por Chor Sor
1422	8.10.	1529-	Sor Wor Por, Phitsanulok.
1431	14.10.	1324-	JOZF Gifu. "Gifu Hoso" & "GBS"--jingle.
1431	8.10.	1553-	Sor Tor Ror, Songkhla.

1458	8.10.	0025-	R Maldives
1458	often	1400	DWRP Iba, must have new high-power tx
1467	17.10.	1459-	HLKN Mokpo w local ID 1500.
1469	14.10.	1210-	Fujian PBS
1476	11.10.	1300	TNBS Chiang Mai
1494	15.10.	1350-	JOYR Okayama
1503	18.10.	0958-	JOUK Akita
1548	18.10.	1500	Shandong PBS
1584	often	1430-	Tor Por Sii, Surat Thani
1584	14.10.	1200-	Yingtian PBS
1584	19.10.	1130-	Changxhi PBS
1593	14.10.	1458-	JOTB Matsue: " Matsue dai-ni Hoso, JOTB"

OTHER STNS IDENTIFIED:

747 JOIB, 774 JOUB, 828 JOBB, 954 JOKR, 1008 JONR, 1143 VoA, 1179 JOOR, 1188 HFKX, 1242 JOLF, 1278 JOFR, 1287 JOHR, 1314 JOUF, 1368 AIR, 1413 JOIF, 1440 JOWF, 1566 HLAZ, 1575 VoA, 1593 JOQB.

PACIFIC

567	18.10.	1246	KGUM Agana. "K-Z FM, K57, K-G-U-M", this was the big surprise of this DXpedition. Guam on MW !
940	18.10.	1200	KDEO Waipahu HI
1080	11.10.	1415	KWAI Honolulu HI
1110	11.10.	1401	KAOI Kihei HI "Kihei's first and only AM-stereo" with Q-3.
1270	12.10.	1302	KNDI Honolulu HI
1420	11.10.	1400-	KCCN Honolulu HI
1460	11.10.	1251	KULA Maunawili HI "Crater 96,3" & "14-60 KULA"
1500	often	1229-	KUMU Honolulu HI, EZL & nx .55 "Hawaii's place to relax" is the most often heard HI-stn in Scandinavia.
1548	12.10.	1225-	4QD Emerald//9660,4920.
	18.10.	1300	4QD

NORTH AMERICA

590	17.10.	0449-	WEEI Boston MA
710	18.10.	0731-	KNUS Denver CO
710	18.10.	0731	KIRO Seattle WA
720	9.10.	1517	KOTZ Kotzebue
750	18.10.	0728-	KXL Portland OR
780	14.10.	0520-	CFDR Dartmouth NS
780	9.10.	1505	KNOM Nome AK
790	11.10.	1506	KCAM Glennallen AK
790	18.10.	0652-	WEAQ Eau Claire WI
820	11.10.	1510	KCBF Fairbanks AK strong signal over Poland on 819.
890	11.10.	1428-	KBBI Homer AK with s-on & ID & NPR's "Morning Edition"
910	11.10.	1420	KIYU Galena AK
910	14.10.	0430-	CHRL Roberval PQ
920	12.10.	1400	KSRM Soldotna AK
980	18.10.	0641-	WCUB Two Rivers WI
1000	17.10.	0500	WLUP Chicago IL
1080	19.10.	1200	KKSD Anchorage AK "Alaska's Newsradio"
1140	10.10.	1330	KSLD Soldotna AK
1150	20.10.	0302-	CKX Brandon MB
1170	daily	1335-	KJNP North Pole AK is the most often heard AK-stn in Scandinavia.
1220	19.10.	0330	CFVM Amqui PQ
1240	19.10.	1145	CJCD Yellowknife NWT
1240	18.10.	0832-	KICD Spencer IA
1250	18.10.	0537-	WEMP Milwaukee WI
1260	18.10.	0850-	WEZE Boston MA
1360	17.10.	0300-	CKBC Bathurst NB
1360	18.10.	0839-	WDRC Hartford CT
1360	18.10.	0839-	KRKK Rock Springs WY
1360	17.10.	0812	WGEE Green Bay WI
1370	17.10.	0735	KSUM Fairmont MN
1390	17.10.	0600	WRIG Schofield WI
1410	19.10.	0230	CKSL London ON
1430	19.10.	0430	CJCL Toronto ON
1430	16.10.	0620-	WRTH St. Louis MO

1430	16.10.	0630-	KEZW Aurora CO
1430	16.10.	0700-	KLO Ogden UT
1430	16.10.	0700-	WENE Endicott NY
1510	often	morning	WSSH Boston MA "Quince-diez Radio Transcontinental"
1540	often	night	CHIN Toronto ON in Italian under KXEL
1550	14.10.	0631-	WWBH New Smyrna Beach FL
1550	14.10.	0633-	WRHC Coral Cables FL SS phone-in
1550	17.10.	0657-	KZQQ W. Valley City UT
1560	20.10.	0430	KCJY Iowa City IA religious & "KCdoubleJ"
1570	16.10.	0216-	CFOR Orillia ON
1580	18.10.	0805-	KBLA Santa Monica CA
1600	often	morning	WUNR Boston MA in French "Radio Capital".

OTHERS IDENTIFIED:

680 KBRW, 780 WBBM, 1000 CFLP, 1050 CHUM, 1080 WTIC, 1130 KFAN, 1140 CFXX,  
 1150 CHGM, 1220 CJOC, 1220 CKSM, 1280 CJMS, 1290 KOIL, 1300 KMPS, 1380 KRKO,  
 1420 CJVR, 1470 CHOW, 1480 WTDY, 1480 CKER, 1520 WWKB, 1570 CKMW, 1580 CBJ.

CENTRAL-AMERICA

580	16.10.	0330	WKAQ San Juan PR.
590	17.10.	0520-	R Reloj, Santa Clara.
680	16.10.	0345	WAPA San Juan PR.
730	20.10.	0445	XEX Mexico.
1140	15.10.	0457-	WQII San Juan.
1480	16.10.	0230	WMDD Fajardo PR.
1570	20.10.	0330	Atlantic Beacon.
1600	16.10.	0315	WLUZ Bayamon PR.

SOUTH-AMERICA

580	11.10.	0357	ZYI776 R Globo, Recife
620	11.10.	0350	ZYK521 R Jovem Pan
960	11.10.	0230	LRA6 R Nacional Mendoza
1210	12.10.	-0401	LV3 R Cordoba
1210	12.10.	0446	YVZT R Anzoatequi
1470	11.10.	0315	YVSY R Vibracion, is this stn relaying R Reloj Continente news heard often on this QRG ?



the radio station serving  
 over 185,000 Filipino listeners  
 and all of Hawaii Nei

February 11, 1986 904 Kohou Street, Suite 204 • Honolulu, Hawaii 96817 • Phone 808/841-4555

Mr. Patrick Martin  
 P.O. Box 843  
 Seaside, Oregon 97138

Dear Patrick:

Your letter dated February 3, 1986 has been received and we are glad to inform you that your reception of KISS-AM on December 4 and 12, 1985 is correct.

Thank you for your reception report. We hope that you enjoy our programming in the future.

Sincerely & Aloha,

*Marilyn Dimaya*

Marilyn Dimaya  
 Traffic Manager

# Geomagnetic Indices

+	high flux point	mas	major storm	SA	solar activity
-	low flux 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 Nov 30 1991 through Dec 26 1991

Date	FLUX	A	K	SA	GEO	ETC
11/30	-168	10	2	moderate	quiet-unsettled	-
12/1	172	7	2	moderate	quiet-unsettled	-
2	171	14	2	low	quiet-unsettled	-
3	183	10	2	high	quiet-unsettled	maf
4	191	7	2	moderate	quiet	-
5	192	7	1	moderate	quiet	-
6	197	4	1	low	quiet	-
7	209	3	1	moderate	quiet	-
8	226	- 3	0	high	quiet-unsettled	maf
9	257	6	1	high	quiet	maf
10	260	9	3	moderate	quiet-unsettled	-
11	245	10	2	moderate	quiet-unsettled	-
12	243	8	2	moderate	quiet	-
13	254	11	3	low	quiet-unsettled	-
14	229	15	2	moderate	unsettled	-
15	213	4	2	moderate	quiet	-
16	233	15	5	high	quiet-mis	maf
17	198	+26	4	moderate	unsettled-mis	-
18	195	12	2	moderate	quiet-unsettled	-
19	188	11	1	moderate	quiet-unsettled	-
20	198	7	3	high	quiet-unsettled	maf
21	192	13	3	moderate	unsettled	-
22	223	6	2	high	quiet-unsettled	maf
23	226	11	2	moderate	quiet-unsettled	-
24	230	6	1	high	quiet	maf
25	259	7	2	moderate	quiet-unsettled	-
12/26	+261	7	3	high	quiet-unsettled	-



HONOLULU, HAWAII

## KZOO

*"The Cherry Blossom Station"*

1210 kc

1000 Watts

THIS IS TO CONFIRM YOUR RECEPTION REPORT OF  
KZOO ON February 6, 1966  
TNX.

M. K. Deng



# THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 khz). **DX Monitor**, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

## CLUB ADDRESSES AND OFFICERS

President: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117 (206) 356-3927 (proposals)  
Secretary-Treasurer: Ralph Sanserino, 11300 Magnolia #43, Riverside, CA 92505 (dues/address changes)  
Board of Directors: Shawn M Axelrod, Michael S Hardester, Bill Hardy (chairman), Ric Heald, Albert S Lobel, Patrick Martin and Robert Wien  
Editor-in-Chief/Publisher: Ralph Sanserino, 11300 Magnolia #43, Riverside, CA 92505  
Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

## MEMBERSHIP DUES

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 (Europe, North Africa, Middle East), \$41.00 (rest of the world). One time charge for New Member Packet - \$2.00 (first year only). Trial Membership - \$9.50 (10 issues of **DX Monitor** and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of 1/2 dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, 11300 Magnolia, #43, Riverside, CA 92505. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of **DX Monitor** are \$1.00 (U.S. or Canadian) or two International Reply Coupons each and are available from: IRCA, 11300 Magnolia #43, Riverside, CA 92505.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and the original contributor. Opinions expressed in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.

**IRCA**  
INTERNATIONAL RADIO  
CLUB OF AMERICA  
11300 MAGNOLIA #43  
RIVERSIDE, CA 92505



**FIRST CLASS MAIL**

30-09  
J D STEPHENS  
122 BRAWLEY DRIVE  
OWENS CROSS ROADS  
USA AL 35763

FIRST CLASS  
U.S. POSTAGE  
PAID  
RIVERSIDE, CA  
PERMIT NO. 5214