

DX MONITOR

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

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

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IRCA DX TEST BULLETIN

MONDAY, OCTOBER 5, 1992 - KWCK-1300, BOX 1300, SEARCY, AR 72143, WILL CONDUCT A DX TEST FROM 4:00 - 4:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE AND MARCH MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. KEN SIMMONS - PROGRAM DIRECTOR. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

TUESDAY, OCTOBER 6, 1992 - WCKB-780, BOX 789, DUNN, NC 28335, WILL CONDUCT A DX TEST FROM 5:30 - 6:00 AM EDT. THE TEST WILL INCLUDE TONES, VOICE ID'S AND MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. RON TART - GM. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, OCTOBER 12, 1992 - WBHY-840, P.O. BOX 1328, MOBILE, AL 36633-1328 WILL CONDUCT A SPECIAL DX TEST FROM 1:00 TO 4:00 AM EDT. THE TEST WILL CONSIST OF CHRISTIAN ROCK MUSIC, TONES, VOICE ID'S AND MORSE CODE. THIS TEST WILL BE RUN USING THEIR 10 KW OMDIRECTIONAL PATTERN. THE STATION WILL ALSO BE TESTING THEIR FM, WBHY-FM, 88.5 MHZ AT THE SAME TIME AND WITH SIMILAR FORMAT. POWER WILL BE 33 KW USING A 629 FOOT TOWER. PREPAID PHONE CALLS WILL BE ACCEPTED DURING THE TEST AT (205) 770-9249. NO COLLECT CALLS, PLEASE. RECEPTION REPORTS AND THANKS FOR THE UNIQUE TEST MAY BE SENT TO: MR. WILBUR GOFORTH - PRESIDENT. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, OCTOBER 12, 1992 - KXOL-1320, 1730 NEPTUNE DRIVE, CLINTON, OK 73601 WILL CONDUCT A DX TEST FROM 3:00 - 3:30 AM EDT. THE TEST WILL INCLUDE MARCH MUSIC, VOICE ID'S, & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. DENNIS BURTON. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, OCTOBER 26, 1992 - WLYN-1360, LYNN, MA WILL CONDUCT A DX TEST FROM 3:30 - 4:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE, TONES, AND VOICE ID'S. OUR THANKS TO MR. MICHAEL KLEIN (NVL) OF DX ENTERPRISES FOR THE TEST. MR. KLEIN REQUESTS THAT ALL RECEPTION REPORTS BE SENT TO: WLYN DX TEST, c/o PERSONAL DATABASE APPLICATIONS, 2626 MEADOW RIDGE DRIVE, DULUTH, GA 30136-6037 (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

WEDNESDAY, OCTOBER 28, 1992 - WSMI-1540, P.O. BOX 10, LITCHFIELD, IL WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:10 AM EDT. THE TEST WILL INCLUDE MORSE CODE, TONES, AND VOICE ID'S AND WILL BE PART OF THE STATION'S MONTHLY FREQUENCY CHECK. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT TALLEY (N9OWV) - CHIEF ENGINEER. MR. TALLEY REQUESTS AN SASE BE INCLUDED WITH ALL REPORTS. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

SATURDAY, NOVEMBER 28, 1992 - WIMA-1150, 667 WEST MARKET STREET, LIMA, OH 45801 WILL CONDUCT A DX TEST FROM 12:30 - 1:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, VOICE ID'S, AND MARCH MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. MARK GIERHART - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

1993 CONVENTION BIDS: CONTACT PRESIDENT PHIL BYTHEWAY FOR BID INFORMATION

NEW MEMBERS: MIKE PLUMMER, MARTIN TRAPP, ALBERT EARNHARDT. RENEWALS: KARL JETER, FRANK MERRILL, LESLIE CARPENTER, DAVID LEGLER, LEONARD HYDE. THANKS

IN THIS ISSUE: BROADCASTING INFO, DX WORLDWIDE WEST, WESTERN DX ROUNDUP, UPDATER CONTEST, CENTRAL DX ROUNDUP, RADIO RECOVERY, WESTERN DX FORUM, EASTERN DX FORUM, VERIFICATION SIGNERS, GEOMAGNETIC INDICES, DX TECHNIQUES, TECHNICAL COLUMN, UPDATER CONTEST, AD NRC AM RADIO LOG, ST HELENA VERIE FROM BURNELL & IN THE MIDDLE IMPROVED TUNER, HI PERFORMANCE LOOP AM, IMPROVED RTL-1 REMOTELY-TUNED LOOP, BACK PAGE CLUB OFFICERS & DUES INFO....

BROADCASTING INFORMATION

EDITOR: ROBERT WIEN 1309 DENTWOOD DR SAN JOSE CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 9/07/92

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:

(NONE)

FACILITY & PARAMETER APPLICATIONS:

(NONE)

FACILITY AND PARAMETER GRANTS:

(NONE)

CALL LETTER CHANGES:

AL. Andalusia	WTCG-1400	becomes	WTXQ
CA. Fresno	KEYQ-980	becomes	KFSO
Los Angeles	KSKQ-1540	becomes	KXED
Modesto	KOOK-970	becomes	KBEE
FL. Avon Park	WAPR-1390	requests	WKHF
Jacksonville	WZZN-1460	becomes	WZNZ
LA. Covington	WARB-730	becomes	WASO
ME. Gorham	WPNN-1590	becomes	WASY (CP)
MI. Bay City	WUNI-1440	becomes	WMAX
NC. Greensboro	new-1470	becomes	WWBG
TX. Dallas	KUII-1190	becomes	KGBS
El Paso	KEZB-1150	becomes	KSVE
UT. Salt Lake City	KCNR-860	becomes	KLZX
	KCPX-1320	becomes	KCNR
WY. Douglas	KKTY-1470	requests	KWOG
ON. Kitchener	CHYM-570	becomes	CKGL

FORMAT CHANGES:

AL. Andalusia	WTXQ-1400	was	WTCG, talk, now silent, pending sale
Decatur	WAJF-1490	was	urban, now AC (days), SMN-urban AC (nites)
Evergreen	WEGN-1470	was	country, now AC, talk, C&W//FM (sim. sister WPGG in AM drive, SUN net mid-days, AC pm drive)
Phenix City	WPNX-1460	was	SMN country, now SMN Pure oldies

CA. Apple Valley	KZXY-960	was AC//FM, now SMN Real country
Oceanside	KGMG-1320	was EZL, now AS
CO. Brighton	KLTT-800	was contemp. Xtian, now contemp. Xtian nx/talk
Denver	KLZ-560	was hard rock, now contemp. Xtian (days), southern gospel (nites)
Grand Junction	KQIL-1340	was country, now CHR //FM
FL. Atlantic Beach	WQBR-1600	was silent, to be WNCM, religion
Daytona Beach	WNDB-1150	was nx/talk, adds SUN talk
De Funiak Springs	WZEP-1460	was AS, adds talk middays
Monticello	WMFL-1090	was AC//FM, now SMN Pure oldies//FM
GA. Perry	WPGA-980	was oldies, adds SMN Kool oldies
IL. Anna	WRAJ-1440	was country, talk//FM, adds IRN truckers
IN. Decatur	WADM-1540	was temp. silent, now oldies //WQTZ
Indianapolis	WTUX-1310	was AS, now WTLC, black full-svc (gospel mornings, jazz/talk afternoons, black oldies afternoon, black stds. nights, sim. sister FM overnight)
KY. Owensboro	WOMI-1490	was bus. nx, adds nx/talk
	WVJS-1420	was AC/talk, now oldies
Paris	WYGH-1440	is new, gospel
LA. New Iberia	KNIR-1360	was country, now JSA oldies
ME. Houlton	WHOU-1340	was Ac//Fm, now contemp. Xtian
MD. Salisbury	WJDY-1470	was urban, adds black gospel, mgs,
MA. Leominster	WCMX-1000	was oldies, now silent
Waltham	WRCA-1330	was brokered ethnic, adds urban overnite
MI. Detroit	WCXI-1130	was country, now country //WVWW
Lansing	WILS-1320	was urban, now SMN real country
Muskegon Heights	WQWQ-1520	was EZL//FM, now EZL
MS. Meridian	WMOX-1010	was country, talk, adds SUN talk
MO. Sikeston	KSIM-1400	was country, now gold-based AC
NY. New York City	WNEW-1130	was AS, to be bus. nx
NC. Elizabeth City	WCNC-1240	was CHR, now AS
OH. Columbus	WCOL-1230	was oldies, talk, now nx/talk
Logan	WLGX-1510	was AC//FM, now country //FM
PA. Bellafonte	WBLF-970	was SMN Pure oldies, now SMN country
Tyrone	WTRN-1340	was SMN country, now SMN Pure oldies//FM
York	WQXA-1250	was CHR//FM, now oldies
TN. Chattanooga	WJOC-1490	was sports, now silent
TX. El Paso	KHEY-690	was country oldies, now SMN Real country
	KROD-600	was oldies, adds SMN Pure oldies
	KSVE-1150	was KEZB, silent, now SS ("K-suave")
NS. Wolfville	CKIC-790	was modern rock, now silent
ON. Kitchener	CKGL-570	was CHYM, AC, now country

Just got back from a trip to no. CA/so. Oregon, noted following:

OR. Cave Junction KIVR-1400 still noted silent

Hope everyone had a happy Labor Day weekend, the DX season (and football!) has begun, hard to DX and watch a touchdown at the same time, hi. 73's.

HOT ADDITIONAL INFO!:

John Johnson of Billings, MT. just enclosed the following right after I typed up the column, but here it is as an extra feature:

MT. Bozeman	KEMN-1230	was silent, back on the air, format unspecified
West Yellowstone	KWYS-920	now w/CNN nx on hr.
UT. Tremonton	KUFA-1470	was silent, back on air //KGSC- FM, uses "Hawk 105" ID's, satel- lite C&W, other ID's include "KGSC means Golden Spike Country", and "The Ticket 1470 AM", limited coverage area (listed as directional)

Thanks, John!!!

DX Worldwide - West



PAT MARTIN

P.O. BOX 843

SEASIDE, OR 97138

Time: UTC phone (503) 861-3185

DEADLINE: MONDAYS

DX season is upon us!!! Bruce Portzer and Nick Hall-Patch got a good opening August 24th. We also have a report from Larry Godwin. So on with the show!

PAN-AMERICAN DX ROUNDUP

- 1680 t MEXICO, Tam. Cd. Miguel Aleman XEWD may have been the SS at 1159 8/1. Ment. power as 2KW and 95% sure gave frequency as 1430.XEWD is the only listed Mexican on 1430 with 2KW. (LG-MT)
- 1686 COLOMBIA, Mercaderes, MER beacon good w/miscued code IDer as MERE 1034 8/24 (BP-BC)

TRANS-PACIFIC DX ROUNDUP

- 153 RUSSIA, Khabarovsk-good with rr mx and man in Siberian(?) lang. Not standard Russian. Some local program I would guess at 0950 9/2. (PM-OR)
- 162 RUSSIA, Norilsk(?) -weak //153 at 0952 9/2. (PM-OR)
- 180 RUSSIA, Petropavlovsk-good, but weaker than 153 // 153,162,etc. w/rr mx at 0953-9/2 (PM-OR)
- 189 RUSSIA, Blagoveshchensk-fair //as above 0954 9/2 (PM-OR)
- 198 RUSSIA, Sakhalinskiy(?) // as above but very weak-listed as 50 KW -0956 9/2 (PM-OR)
- 234 RUSSIA, Magadan-good with // programming as above 0957 9/2(PM-OR)
- 243 RUSSIA, Vladivostok-very good // 234,198,etc 0958-9/2 (PM-OR)
- 279 RUSSIA, Yuzhno-Sakhalinsk-very good // as above 0959 9/2 (PM-OR)
- 531 AUSTRALIA, Kempsey-2MC strong w/rr mx,string of ads. call ID and ment. of "the beautiful mid North Coast" 1120 8/24 (BP-BC)
- 540 WESTERN SAMOA, very good w/man in Samoan at 0815 9/8. (PM-OR)
- 549 AUSTRALIA, Orange-2CR fair w/talk in 550 splat 1115 8/24(BP-BC)
- 550 HAWAII, Wailuku-KMVI 0818 8/24 dominant w/SS mx and KMVI the South of Maui ID (BP-BC)
- 558 AUSTRALIA, Wagin-6WA possibly the one w/long discussion about trade w/Taiwan 1352 8/24,good at first, then gradually faded out pips if any were lost in splatter 1400. Was not //6140/9610,but program doesn't appear to match other stations on freq. and 6WF was in at the same time. (BP-BC)
- 570 HAWAII, Lihue-KQNG atop KVI w/oldies "AM-57" Kong Gold"ID 0710 8/24 (BP-BC)
- 567 AUSTRALIA, Julia Creek-4JK fair w/talk 1115 8/24 (BP-BC)
- 576 AUSTRALIA, Sydney-2RN strongest DU of the night 1111-1300+ 8/24 monster signal at times w/various types of mx and some talk,R. National ID noted at 1152 (BP-BC)
- 585 AUSTRALIA, Bourke-2WEB fair w/DJ chatter and call IDs between songs 1256 8/24 (BP-BC)
- AUSTRALIA, Hobart-7RN fair //576 1350 8/24 (BP-BC)
- 594 AUSTRALIA, Horsham-3WV assumed the one w/talk 1130 8/24 (BP-BC)
- 612 AUSTRALIA, Brisbane-4QR strong w/pop mx and talk 1348 8/24 (BP-BC)
- 620 HAWAII, Hilo -KIPA strong o/KGW w/Talknet,Red Cross PSA,ID at 0559 8/24 (BP-BC)

- 621 AUSTRALIA, Melbourne-3RN strong //576 1350 8/24 (BP-BC)
TUVALU, fair w/woman in Polynesian language and island mx 0624
on 8/24 (BP-BC)
- 639 AUSTRALIA, Coffs Harbour-2CS good w/rock mx. DJ chatter and call
ID between songs 1254 8/24,easily separable from KFI (BP-BC)
UNID, ABC type talk u/2CS 1220 8/24,prob. 5CK (BP-BC)
- 650 HAWAII, Honolulu-KHNR-ad and promo w/call ID way u/CISL at
0645 8/24 (BP-BC)
- 666 AUSTRALIA, Canberra-2CN good w/talk pgm 1109 8/24 (BP-BC)
702 AUSTRALIA, Sydney-2BL-good w/ABC nx 1102 8/24,amnt w/call sign
given 1105,into talk show (BP-BC)
- 711 UNID, het on KIRO-710 every time I tuned past 1100-1400 8/24 but
not good enough to produce audio (BP-BC)
- 720 AUSTRALIA, Perth-6WF-fair w/ABC nx //6140 1404 8/24 (BP-BC)
HAWAII, Eleele -KUII good w/Hawaiian mx 0820 8/24 (BP-BC)
- 738 TAHITI, Papeete-good carrier,weak audio 0822 8/24 (BP-BC)
747 WESTERN SAMOA, Afiamalu-possibly the one w/good signal at times
0609-0800+ 8/24 w/EE talk,EZL mx UTC-11 TCs relay of Radio
Australia nx at 0800. This has been reported off the air, but the
only thing listed that makes sense (BP-BC) (Yep, they are back
on, although 540 is stronger here.PM)
- 756 NEW ZEALAND, Auckland-1YA vy good w/TC and Talk pgm 0730 8/24(BP)
AUSTRALIA, Wangaretta-3WA fair-poor w/talk pgm //3LO-774 at
1345 8/24 (BP-BC)
AUSTRALIA, Mackay-4QA 1345 8/24 o/u 3WA w/mx //4RK-837 (BP-BC)
- 765 AUSTRALIA, Port Lincoln-5CC-1341 8/24 "5 Double C" ID between
songs (BP-BC)
- 774 AUSTRALIA, Melbourne-3LO-loud w/teletalk 1029 8/24 (BP-BC)
783 UNID, pop mx good at times during breaks. in KROW-780 splat
0805-0900 8/24,prob. NZ (BP-BC)
- 792 AUSTRALIA, Brisbane-4RN fair w/talk 1027 8/24 (BP-BC)
828 AUSTRALIA,Sale-3GI-1202 8/24 faded atop w/ABC nx (BP-BC)
JAPAN, Osaka-JOBB believed to be JJ speaking on this loop bear-
ing 1155 8/19. Faded before the hr (LG-MT)
UNID, rr mx dominant 1200 8/24,no break for ID at top of hour,
prob. 4SS (BP-BC)
- 830 HAWAII, Honolulu-KIKI- 0544 good w/oldies strong at every recheck
until after 1500 (BP-BC)
- 855 AUSTRALIA, Maryborough/Eidsvoid-4QB/4QO- good w/ABC nx 1203 on
8/24 (BP-BC)
- 864 AUSTRALIA, Toowoomba-4GR good w/ID at end of nx,into pop mx
at 1204 8/24 (BP-BC)
- 882 AUSTRALIA, Brisbane-4BH-good w/old pops,call ID,promo anmt at
1245 8/24 (BP-BC)
- 936 UNID, Weak EE 1431 8/24 (BP-BC)
- 1026 AUSTRALIA, MacKay-4MK loud w/rr mx 1412 and 1455 8/24 (BP-BC)
1098 AUSTRALIA, Longreach-4LG 1334 8/24 weak w/rr mx //4HI-1143 (BP)
1143 AUSTRALIA, Emerald-4HI 1330 8/24 rr mx call ID and ad w/ment.
of Central Queensland fair o/unid (BP-BC)
- 1161 UNID, 2 stations w/nx here 1303 8/24 one station ended nx 1305
and went into mx (prob. 4MB),other gave ABC nx ID (prob. 7FG,
since 5PA is on UTC+91/2 and would tend to have nx at :30)(BP)
- 1251 UNID, het here 1047-1400+ 8/24 no audio ever surfaced,any ideas?
(BP-BC) (Prob. 2DU, as I hrd it here several yrs back.PM)
- 1332 AUSTRALIA, Bandaberg-4BU fair w/nx 1503 mx,DJ chatter at 1515
8/24 (BP-BC)
- 1368 UNID, weak het 1505 8/24,nothing hrd better (BP-BC)
1475 MALAYSIA, Kota Kinabalu-fair to good w/woman in Tagalog and pop
mx 1044 8/24 (BP-BC)
- 1503 UNID, het in briefly 1510 8/24 (BP-BC)
1512 AUSTRALIA, Newcastle-2NA 1443 8/24 finally producing audio (noth-
ing hrd earlier),still in after 1500 w/nx The 1500s were dead AN
until several Aussie stations suddenly faded in about 11/2 hours
after SR,really unusual propagation. (BP-BC)
- 1521 UNID, strong het on KFFX 1445-1515 8/24 (BP-BC)
1548 AUSTRALIA, Emerald-4QD-good w/talk 1417 8/24,still producing
readable audio 1535,over 2 hrs after SR! (BP-BC)

- 1566 AUSTRALIA, Wangaretta-3NE 1446 8/24 good w/call ID into Louis Armstrong song, then gradually faded out. (BP-BC)
- 1584 UNID, light rr mx in briefly 1450 8/24, then creamed by KZOK-1590 (Z-Rock) splat. all Aussies here are 200 watts or less. (BP-BC)
- 1615 NEW ZEALAND, Ohura-OR beacon good w/code IDs 0742 8/24 (BP-BC)
+Also noted w/Morse code ID "OR" weak 1158-1204 on 8/6 and 1157-1211 on 8/8 (LG-MT)
- 1620 AUSTRALIA, 7RPH or 1PPP good w/talk 1031 8/24 (BP-BC)
AUSTRALIA, Canberra-1PPP-fair with woman w "1-triple P" call 1059 9/8. (PM-OR)
- 1622 UNID, "MAB" beacon with code IDs fair-poor on SW wire 0834 8/24 nothing listed (BP-BC)
- 1630 NEW ZEALAND, Taumaruni-weak w/Morse code ID "TM" 8/8 at 1205 (LG)
+Also noted fair w/code IDs 0743 8/24 (BP-BC)
- 2410 PAUPA NEW GUINEA, Wabag-Radio Enga-good to fair w/man in Pidgin at 1244 Native mx, sign off info at 1259 and NA, into NBC nx from Port Moresby at 1301 9/8. (PM-OR)

VERIFICATIONS

- 891 AUSTRALIA, Townsville-4RR sent v/l in 2 weeks v/s Barry Martin-GM (BP-WA)
- 1008 AUSTRALIA, Brisbane-4TAB sent v/l and station guide in 2 weeks for taped report. v/s Van Richards-Smith-CE-P.O. Box 275-Albion 4010. (BP-WA)
- 1593 PAUPA NEW GUINEA, Vanimo-Radio Sandaun-sent v/l in 8 months for taped report-Gabriel Deckwalen-Stn. Manager (PM-OR)
- 1620 AUSTRALIA, Hobart-7RPH sent friendly letter, fact sheet and two stickers, v/s Mrs. Jan Miller, Stn. Coordinator, ment new address is 136 Davey Street-Hobart 7000 (BP-WA)

Really a great piece of DX, guys. Hope we have a great DX season!!!

THANKS TO THESE REPORTERS

- LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA, MT 59801
HQ-150, Sanserino Box Loop
- BP-BC BRUCE PORTZER-6546 19TH AVENUE, NE-SEATTLE, WA 98115
DXing from Sombrio Beach, BC w/FRG-7, 2000 E/W unt. 1200' term. SW and 1000' NW/SE unt. Beverages.
- PM-OR YOUR EDITOR
Drake R8, SP-600, Term. 200' SW/NE DU wire, 1800 NNW tem. Beverage, Ground system, FRT-7700 antenna tuner (non ampl)

THE CASTLE, JAMESTOWN, ST. HELENA, SOUTH ATLANTIC OCEAN
Telephone 4669 Telex 4282 GOVT HL FAX 090596



ZHH





turns me on!



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:

- (DG) Dennis Gibson-442-Ellwood Beach Dr. #3-Goleta, CA 93117
Sony ICF-2010, GE Superadio II, Select-a-tenna
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, SM-2
- (JH) Jim Hilliker-1705 Withers Ave. #12-Monterey, CA 93940
GE Superadio
(JH-CA1) On road near Highway 46/I-5 in central CA near Lost Hills, CA
(JH-CA2) On I-5 near LA/Kern Co. line
(JH-CA3) Paso Robles, CA, on US 101
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115
Yaesu FRG-7, Radio West loop
(bp-BC) At Sombrio Beach, BC with FRG-7, 2000' W wire, 2000' NW wire, and 1200' SW wire
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
GE Superadio
- (JS) Jeff Shiflet-Fullerton, CA
Sony 2010, 2' Sanserino box loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST

- 990 KKJZ CA, Santa Barbara 9/1 ex-KSSM, changed format from show tunes/standards to new age (days)/traditional jazz (2200-0300 s/off) and call letters. Slogan is "Jazz 990." No longer carries audio of KEYT Channel 3 news (had been 2000-2030). (DG-CA)
- 1540 KXED CA, Los Angeles 8/24 0500 call change, ex-KSKQ, good with ID "La Grand D, 1540," ID on hour "KXED, Los Angeles" in English, into SBS news. (RW-CA)
+8/24 2230 call change for this Spanish local. Thanks to RW for tip. Ex-KSKQ, KZLA, KPOL. (MS-CA)
- *****
- 510 KTNQ CA, Los Angeles 8/24 0300 was listening for RTTY signal (1020) heard here, but found this loud subharmonic. Thought I had something good... (MS-CA)
- 530 WNWZ660 CA, Castaic Lake 8/26 1915 good with enthusiastic announcer ID'ing as "Radio Free Castaic Lake" with call sign, into events at the lake this weekend. (JH-CA2)
WNIG247 CA, Sacramento 8/24 0101 fair with continuous loop annc. about metro airport parking, references to Airport Blvd. & I-5. About 60% readable & dominant on SW wire, not heard on NW & W wires. (bp-BC)
- 540 KIEZ CA, Carmel Valley 8/24 0305 fair with ID and EZL music on SW wire. (bp-BC)
KJQI CA, Costa Mesa 8/25 1000 good over XETIN; once again // KKGO-105.1 with classical format; was EZL. Was // KKGO several years ago, then tried jazz format. Despite 25kw daytime, LA area listeners have shown no interest. To my knowledge, this station has never shown up in the LA/Orange County Arbitron or Birch ratings. (DG-CA)
- 590 ?KCSJ? CO, Pueblo 8/31 0830 tent. with ID "24 hours a day, the mighty 590, ?KCSJ?" into USA Radio network news, two ments of Colorado, lost to KID. Are they on the network now? Not on in last IRCA Almanac. (RW-CA)
- 650 KHNR HI, Honolulu 8/29 0942 good signal with CNN Headline News,

ID 0944 then info on polling places on the island of Oahu.
(DG-CA)

- ?KHNHR?+8/24 0915 tent. under KRDX with CNN news. No ID's heard, but good signal. Slowly faded out by 0930. (RW-CA)
- 780 (KROW) NY, Reno 8/31 0755 totally off, KAZM in alone. (RW-CA)
- 790 KOQO CA, Clovis 8/28 0608 good with Spanish, ID. (RW-CA1)
- 840 KDBS OR, Eugene 8/21 2330 fair on car radio with adcon & ID. (bp-WA)
- 850 (KXTQ) CA, Thousand Oaks 8/19 0015 off the air; KOA all alone on the frequency. Too bad this isn't permanent. // KPLS-830 still on. (DG-CA)
- 870 WWL LA, New Orleans 8/25 0135 under local KIEV with live coverage of hurricane Andrew. I don't know if the hurricane affected propagation. First time WWL has been heard here, they faded in & out. Many warnings to out-lying areas. Announcer said winds at 1:30 EDT were only 110 mph outside. Down from 140 mph off shore. (JS-CA)
- 890 KDXU UT, St. George 9/2 2230 news about 5.9 earthquake that struck the area earlier that day; joined Tom Snyder in progress at 2234. (DG-CA)
- 900 KBIF CA, Fresno 8/28 0617 very good with Spanish, ID. (RW-CA1)
KXLY WA, Spokane 8/31 2354 faded up out of mess with Seattle Mariners baseball game. (DG-CA)
- 960 KZXY CA, Apple Valley 8/24 0940 new format, ID "The New Country 960." Phone number 1-800-962-5590. (MS-CA)
- 970 KBEE CA, Modesto 8/24 0933 call change, ex-KOOK, good over mess with ID "AM Stereo 970, this is K-B-double E, AM & FM," EZL. Thanks to Stockton DX'er for this tip. (RW-CA)
- 990 KSSM CA, Santa Barbara 8/24 0900+ good briefly, then lost to XEC. (MS-CA)
- 1040 ?KLHT? HI, Honolulu 8/29 0949 weak with manmade QRN; religious format. (DG-CA)
- 1050 (KOFY) CA, San Mateo now has apparent nightly SP 0300-0800. Possibly installing new 10kw night xmr granted recently by FCC? (RW-CA)
- KMTA MT, Kinsey 8/31 0753 good on top of frequency with C&W, ID. (RW-CA)
- 1100 KFAX CA, San Francisco 8/20 0630 loudest signal on dial with usual relig., ID. (RW-CA1)
- 1170 KLOK CA, San Jose 8/27 2253 dominant until 2300 power change. (MS-CA)
- 1220 (KDFC) CA, Palo Alto 8/31 0838 totally off on rare SP, KBET in strong. (RW-CA)
- 1230 KWG CA, Stockton 8/28 0612 dominant on freq. with oldies, ID. (RW-CA1)
- 1250 KTMS CA, Santa Barbara 8/28 0627 loud with CNN news, ID. (RW-CA1)
- 1310 KXAM AZ, Mesa 8/23 0848 good with ID "This is AM 1310, KXAM, at home, in the car, wherever you are." (JH-CA)
- 1340 KTOX CA, Needles 8/26 2259 atop with Air Force ad, ID, CBS news. (MS-CA)
- 1350 ?KBID? CA, Bakersfield 8/27 0907 station under KSRO with song "Out of My Head," "On This Date," spot, more NOS type music. (MS-CA)
- KCKC CA, San Bernardino 8/23 2045 noted with 24 hour simulcast //KBON 103.9. Slogan is now "KC FM," still C&W. Phone number 1-800-356-5266. (MS-CA)
- 1400 KBLX CA, Berkeley 8/28 0625 dominating freq. with ID. (RW-CA1)
- 1450 KEYY UT, Provo 8/22 0759-0800 clear on top with end of live ad by female anncr., ID, then legal ID by male. Suddenly lost. (JH-CA)
- 1470 KBSN WA, Moses Lake 8/24 0425 good with oldies & promo for Rush Limbaugh. CJVB off. (bp-BC)
- 1490 KBKR OR, Baker 7/3 ID'd on top at 0800, "In the heart of Oregon Trail Country...KBKR...and KLBM, La Grande." (LG-MT)
- KBZY OR, Salem 8/10 0800 in with ID. (LG-MT)
- KEYG WA, Grand Coulee 8/24 0800 clearly ID'd as "All day, all night, you've got us: KEYG, KEYG-FM." (LG-MT)

- KTEL WA, Walla Walla 7/27 0800 had a jingle ID, C&W format. Stronger 8/14 at same hour with ID and ABC news. (LG-MT)
- KUGR WY, Green River 8/7 0800 a nice surprise weak with call ID and "Green River-Rock Springs." (LG-MT)
- 1550 KUAT AZ, Tucson 8/26 2215 way over KAPL etc. Sign off mentioned continuing programming on 89.1 FM. (MS-CA)
- KXTO NV, Reno 8/25 2300 was listening for Utah call change but logged this Spanish station. ID: "Esta es KXTO Reno-Sparks," into news, then abrupt power change left me with XEBG & KKHI. (MS-CA)
- 1620 WNZA955 CA, Pebble Beach 8/28 2030 a new TIS, yes, on 1620! Tape loop with woman saying this is test broadcast of the Pebble Beach Community Services District information station for Pebble Beach/Del Monte Forest area. She gave ID, said it's licensed by FCC for 1620 AM with max. 10 watts with a limited transmission range. Purpose is to provide info to residents & visitors within Del Monte Forest (official name for this unincorporated area) during emergencies or disasters. Other info such as fire danger, road detours, power outages, etc. will be broadcast. Then, info was given about road construction going on for next 4 weeks extending Congress Road. Then, talk about continued dry conditions & info about fire danger was given with phone number for the fire dept. Ended with plea to tune car to 1620 and if you have an older radio which doesn't tune that high to "get a new, compact transistor radio which will tune to 1620." Address to write: Pebble Beach Community Services District, Lopez and Forest Lake Roads, Pebble Beach, CA 93953. Or call 408-373-1274. "Thank you for listening to this test broadcast." Don't know when this started. Are there other TIS stations on 1620 yet? Being on a clear freq., maybe someone else can log this, so hope it stays on a while. Local, of course here. (JH-CA)
- 1680 ?XEWD? TAM, Cd. Miguel Aleman 8/1 0759 may be the Spanish. Mentioned power as 2 kw, and 95% sure gave frequency as 1430. XEWD is only listed Mexican on 1430 with 2kw. (LG)

LOCAL CHANGES

- 530 TIS WA, Seattle I've recently noticed that all TIS stations in Seattle area now ID as KNEZ390 followed by the xmtr location name ("Swamp Creek," "Northeast 45th Street" etc.) rather than their old call (KNEZ391, etc.). The state apparently consolidated its FCC license for administrative reasons. (bp-WA)
- 700 KSUR CA, Soledad carries San Jose State (// KLIV-1590) & Notre Dame (not // KLIV) football. Also uses new slogan "Your Hometown Station." (JH-CA)
- 1080 KSCO CA, Santa Cruz carries Stanford University football. (JH)
- 1230 KWYZ WA, Everett since mid-June has been part of the "Country Gold Network" // KJUN-1450 et al. No local programming any more and call letters have been removed from their old building next to I-5 in downtown Everett. (bp-WA)
- 1240 KNRY CA, Monterey has dropped Sonny Bloch show for local talk host from 1700-2000 and also dropped Craig Smith Worldview. Adds Gil Gross from CBS, new talk show, 2100-2300 Mon.-Fri., Larry King ends at 0500, and KNRY runs tape replay of previous day's "For The People" with Chuck Harder Tues.-Sat. 0500-0800. ESPN also heard Sunday mornings 0700-0900. (JH-CA)
- 1360 KKMO WA, Tacoma 8/24 0742 back on with Spanish programming. Had been noted off after 0300. (bp-BC)
- 1490 KBRO WA, Bremerton has recently been noted on after old 0300 s/off, so probably back to NSP. Still C&W. (bp-WA)
- 1540 KLAU CA, Capitola now carries Sports Byline USA talk show Mon.-Fri. 2200-0100, unless a sports event (Giants or Warriors) is on. Also, new s/off, silent 0300-0830, was NSP. (JH-CA)

UNIDs

- 526 "RWE" 8/24 0040 unID beacon good on SW wire, weak on NW and W wires. Nothing listed. (bp-BC)
- 620 8/24 0345 unID TT under KTAR & KIGS. Possibly KGW. (MS-CA)
- 620 8/24 0515 unID under KTAR with CBS news, some type of talk show. Possibly KWFT? (RW-CA)
- 1220 8/26 2130 unID CA with Stanford football game vs Texas A&M. Likely KRGO-Fowler. (JH-CA1)
- 1230 8/26 2230 Stanford football, likely KPRL. (JH-CA3)
- 1450 8/26 2135 Stanford football, possibly KTIP? (JH-CA1)
- 1490 ID at 0755 7/3 seemed to be KGBL or KGVL, C&W format. I don't see anything listed. (LG-MT)
- 1550 8/23 0859 fair with bluegrass music, lots of slop from KLAU-1540. Talk by man, possible ID, maybe KUAT-AZ, but too much interference to be sure. Lost by 0901. (JH-CA)
- 1658 Apparent image (but believed not a local) 8/17 & 8/18 at 0752. Gave phone number, seemed 800-223-2200. Unreadable time check. (LG-MT)
- 2640 8/24 0030 unID C&W weak on SW wire. Either 2x1320, 3x880, or 4x660. Only C&W format I can think of on those frequencies is KAPS-660. (bp-BC)

In Aug. 15 issue of DXM the KHIT-1590 tip should have been credited to JH instead of RW. If that's not enough, it should read Sun Valley! In case you missed it, the IRCA contests have returned. See last issue for all the information. They should be a fun challenge, so I hope to see a lot of you enter!

MONTHLY IRCA ALMANAC UPDATER CONTESTS!

Congratulations to the following winners of our monthly Almanac Updater contests!

- Oct. 1991 - Dave Braun, Wyoming DE, 16 points.
- Dec. 1991 sports contest - Steve Sprague, Coffeyville KS, 19 points (college basketball), and Keith Short, Columbus OH, 50 points (other sports).
- May 1992 - tie, R.C. Watts, Louisville KY, and Mike Sanburn, Bellflower CA, each 10½ points.
- June 1992 - Greg Ledbetter, Purvis MS, 93 points.
- July 1992 - Gene Smith, Louisville KY, 43 points.
- Aug. 1992 - Leonard Hyde, Blacksburg VA, 135 points.

The response to our monthly Almanac Updater contests has been fine, so we are continuing the monthly contests till further notice. So if you have information that can update the Almanac, send it in anytime.

Complete rules appeared on the inside back page of the July 18 DXM, and we'll run them again when space permits. But note the following special deadlines for "travel DX" and "1990-91 DX" by 10/31/92:

1. This summer, thru 9/30/92, you could score 3 points per station if you were at least 50 miles from your home when you heard it. If you wish to get the triple bonus, log stations by 9/30/92, and postmark the entry by 10/31/92. Thanks.

2. Beginning 11/1/92, entries are limited to information within one year of postmark date, to keep the information as current as possible. If you have information from 7/1/90 to 10/31/91 you wish to send, please postmark it by 10/31/92 if you wish it to count towards the contest. Thanks.

This contest is separate from Nancy Hardy's IRCA contests announced in the Sept. 5 DXM. You may enter and win both the "loggings" and "updater" contests. The updater contest is simple, fun, and helpful to your fellow DXers! And you could win a free updater!

All entries received by the last day of the month count for that month's contest. Any DXer who has not won an Almanac contest in the past 12 months may enter. No purchase necessary; you do not need to be an IRCA member or need to own an Almanac. Almanac workers may enter information for any section they have not worked on. Send entries to Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520. Good luck!

Central DX Roundup



EDITOR : John C. Johnson

979 Neptune Boulevard Billings, Montana 59105-2129

FOR THE RECORD

REPORT ALL TIMES AS EASTERN.

DEADLINES: U.S. MAIL: SATURDAYS. PRODIGY: SUNDAYS.

RIDING GAIN

- [TMJ-IL] = Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435-9640
FRG-7, 2 1/2 foot loop.
- [TMJ-ON] = Tom Jasinski camping out in the woods 10 miles north of Stratton, ON
Sharp QT50.
- [Jc-XX] = Your editor on vacation in Montana, Idaho, and Utah. 1989 Mustang car radio.

SPECIAL INTEREST

- 1230 KBMN MT, Bozeman. Was silent. 8/30 noted while in area. 1700 with "AM 1230 KBMN"
ID and C&W music. [Jc-XX]
- 1470 KUFA UT, Tremonton. EX-KZZK, was silent. 8/22 1900 with C&W music. Numerous IDs
including "KUFA Tremonton" on the hour (only). \KGSC-FM. Slogans included
"KGSC means Golden Spike Country," "Hawk 105 FM, The Ticket 1470 AM."
Noted that the FM (on 104.9) could only be heard within a few miles of Tremonton.
Very confusing with the numerous slogans being used. [Jc-XX]

DOWN THE DIAL

- 530 CHFS ON, Fort Francis. 8/10 strong in the city and weak but readable 30 miles away at
the camp. TIS with tourist info for the border. [TMJ-ON]
- 580 CKY MB, Winnipeg. 8/13 good signal at Lake Of The Woods area in southwestern ON,
but poor at camp site 50 miles to the east. [TMJ-ON]
- 640 CFSB ON, Fort Francis. 8/10. Music and brief news on the hour. Daytimer at campsite.
[TMJ-ON]
- KFI CA, Los Angeles. 8/15 clobbering CFSB. 0658 with talk program, ID on hour.
Heard while breaking camp and getting ready to head home. [TMJ-ON]
- 680 CJOB MB, Winnipeg. 8/10. News and talk. Daytimer at campsite, had the best signal
from any of the Winnipeg stations. [TMJ-ON]
- 800 KSOS UT, Brigham City. 8/22 while in area. 1800 with ID "KSOS Brigham City, Layton,
Salt Lake City. These are the good times." Rock oldies 50s-60s. [Jc-XX]
- 830 WADU LA, Norco. 8/25 with potent signal almost equal to WCCO. 2300 with SS talk, EE
ID on the hour. Hurricane Andrew coverage. [TMJ-IL]
- 910 KJJQ SD, Volga. 8/14. 0005 w/C&W, promo for Sioux River Yatch Club. Temperature
given for Sioux Falls area. Mentioned covering all of eastern SD and western MN.
Heard this one while watching for the meteor shower. full moon was too bright so
saw only one meteor. [TMJ-ON]
- 920 KWYS MT, West Yellowstone. 8/30 while in West Yellowstone. 1500 with "KWYS West
Yellowstone Montana" ID into CNN News. 1505 with talk program. [Jc-XX]
- 940 WINZ FL, Miami. 8/25 poor w/WFAW, XEQ, WAUR-930 stop. 0010 with emergency
coverage of Hurricane Andrws. No ID, but plenty of local info for Miami and
Tri-county area. [TMJ-IL]
- 950 CFAM MB, Altona. 8/14 fair to poor at camp. 1200 with weather for Winkler, MB.
[TMJ-ON]
- 960 KROF LA, Abbeville. 8/25 good and alone. 2230-0000 with emergency coverage of
Hurricane Andrew and rock music. Plenty of IDs and spots for local area. New for
me. [TMJ-IL]

CDXR Continues....

- 1040 **KAIN** LA, Vidalia. TENTATIVE. 8/25 very poor u/WHO. Too weak for good copy. 2200-0000 with taped weather messages for Hurricane Andrew. One message with female voice other with male voice repeated over and over. No ID heard. [TMJ-IL]
- 1200 **WOPA** IL, Chicago. 8/14 clobbering WOAI at camp site. 0010 with SS music. R. Exito slogan. This one is barely heard at nite u/WOAI at home in Shorewood 45 miles from Chicago. Good null to the west. [TMJ-ON]
- 1230 **KGHS** MN, International Falls. 8/10 poor at camp site with unknown half as strong underneath. Unreadable at night at the camp. [TMJ-ON]
- 1340 **KACH** ID, Preston. 8/22 while in area. 1600 with ABC News, SID for KACH into C&W music. [JcJ-XX]
- KPRK** MT, Livingston. 8/30 while in area. 1745 with "KPRK" IDs and C&W music. [JcJ-XX]

TIS

- 1610 [TIS] MT, West Yellowstone. 8/30 noticed this TIS was not on the air. [JcJ-XX]

25 YEARS AGO

September 23, 1967 issue of DX Monitor....Larry Godwin of Littleton, CO reported from Chicago...Arthur Peterson reported from Yokosuka, Japan where it was on the USS Constellation. Mentioned JJ overwhelm the dial...Jon Peakins of Burnaby, BC mentioned 9/18 CFUN went from rock to conversation, news, and contemporary music because of the growing competition from CKLG.

OPEN MIKE

From listening comes wisdom and from speaking repentance. We're almost back to the weekly issues, Keep sending in your tips and loggings! You can send them in any order, but try to follow the format above to make it easier entering the information into the computer! Even if you have only one or two items, send them! 73, John

RADIO RECOVERY

by: J.D. Stephens

Recently, on CNN, I saw a short feature on a radio station which had been set up by the Army amidst the devastation from Hurricane Andrew in Florida. A few phone calls put me in touch with a FEMA field office in Miami and this is the information I obtained:

Radio Recovery – The Voice of Joint Task Force Andrew operates on 1610 khz from 6:00 AM to 10:00 PM Eastern Time with half hour blocks of English, French, and Creole to inform the hurricane victims of relief efforts and to boost morale among the citizenry. The station operates from a tent using a dipole antenna, radiating North/South with a power of 400 watts. Authorization for 1,000 watts is expected by the time this notice will go to press.

The FCC granted special authorization for a PsyOps (Psychological Operations) detachment out of Fort Bragg, NC to set up the station, which operates with an on air staff of 2 announcers – one male and one female. I was told that the station would most likely be operational through the end of September, perhaps longer depending on how soon relief efforts could restore some sense of normalcy to the lives of the hurricane victims.

For those who hear the station, reception reports may be sent to:

Radio Recovery
Federal Emergency Management Agency (FEMA)
Field Office 955
36th Street and LeJeune, Building 11
P.O. Box 4022, Room 3427
Miami, FL 33159-4022

DX WORLDWIDE EAST

EDITOR: Jim Hall, 3176 Cheltenham Ct., Gibsonia PA 15044-8435 USA

DX should be improving by the time this issue reaches you. Thanks to Mark, Carl and the others who have reported over the doldrum months of summer. I have even set up a temporary arrangement enabling me to DX again after the move to Gibsonia I'm hoping to have a more permanent shack arranged by the time of the next DXWW-E. Reporters, please note the NEW ADDRESS above. Requests for reports and guidelines:

- If possible, arrange in frequency and zone (LA or TA) order
- Use only ONE SIDE of the page as reports are often cut and arranged
- Use the format seen here in the column, or close to it
- Report all loggings in UTC (GMT/zulu)
- Reports shall consist of: Latin American (Central/South Am.) & Trans Atlantic as well as Trans Pacific If you haul them in. Canada logs go to DXR's
- Reports come from states east of the Mississippi, although any state directly on the west of the Mississippi R. may choose and maintain the DXWW column which will benefit most from the information. Additionally, Canadian, Mexican and the occasional Central/South American reporter may choose and maintain an appropriate DXWW, as an example Carl Huffaker in the column this week.

PLEASE CONSIDER REPORTING TO OUR DXWW COLUMNS - WE WANT TO HEAR FROM YOU.

TRANS - ATLANTIC DX (Connelly-MA) all, unless noted

- 684 SPAIN Sevilla 0457 8/18 bits of SS talk; pr in massive WRK0-680 slop.
 729 SPAIN Oviedo et al 0457 8/18 Fr w/SS talk //738/774/others.
 738 SPAIN Barcelona 0456 8/18 Fr w/SS talk.
 774 SPAIN synchros. 0455 8/18 EXCELLENT w/SS talk by m; level comparable to adjacent WABC-770.
 855 SPAIN Murcia et al. 0453 8/18 HUGE signal w/SS teletalk show - only a few dB weaker than WHDH-850!
 891 ALGERIA Algiers 0424 8/16 AA pop mx, then AA talk by m.
 945 FRANCE Toulouse 0450 8/18 Gd w/FF version of Fleetwood Mac song, then Creole-style (tropical) FF mx.
 954 SPAIN Madrid 0447 8/18 Gd w/m in SS.
 999 SPAIN Madrid 0446 8/18 Gd to xInt w/SS talk by m & w.
 1017 SPAIN Burgos 0445 8/18 SS tlk by m & w, then mx. Atop others.
 1026 SPAIN Reus et al. 0445 8/18 SS talk by m, to gd peaks,
 1035 PORTUGAL Lisboa 0444 8/18 uptempo pop mx, PP talk, fr/gd.
 1044 MOROCCO Sebba-Aioum 0443 8/18 Poor w/apparant FF talk.
 1062 PORTUGAL Norte 0439 8/18 EXCELLENT w/PP female group vocal.
 1098 SPAIN and/or CANARY ISLANDS 0437 8/18 SS talk by m, to good peaks,
 1107 SPAIN/EGYPT 0459 8/18 Fast SS talk atop AA pgm.
 1125 SPAIN/unID 0434 8/18 Mess w/SS talk o/others.
 1134 SPAIN Bilbao et al 0433 8/18 SS talk by m & w, atop other stn's.
 1251 LIBYA Tripoli 0136 8/18 AA talk by m, LOUD.
 1269 SPAIN 0139 8/18 SS-sounding talk in bad WTSN/CJCB-1270 slop.
 1296 t SUDAN/SPAIN 0235 8/18 African-sounding metal-drum mx, pr, mixing w/possible Spain stn. Slop too heavy to determine much of value.
 1314 NORWAY Kvitsøy 0233 8/18 Gd (o/others) w/"Love Me Tender" by Elvis Presley Then Norwegian talk by man.
 1349 MAURITANIA Nouakchott 2345 8/17 Bits of chant.
 1377 FRANCE Lille 0425 8/18 AA mx, slopped by stronger St. Pierre-1375.
 1422 GERMANY/ALGERIA 0423 8/18 Apparant AA/GG mix, in slop.
 1539 GERMANY Mainflingen 0222 8/18 Classical mx, gd; not much QRH.
 1584 SPAIN 0447 8/17 Fast SS talk by 2 men, gd.
 +poor 0433 9/5 Bits of SS getting through slop, mostly poor. (Hall-PA)
 1593 GERMANY Langenberg 0114 8/18 EXCELLENT w/GG female MoR vocal, then US C&W oldie "Littel Arrows".
 +0437 9/5 GG lang talk making it in at times, somewhat fadey occ. (Hall-PA)

- 535 GRENADA St. George's 0343 8/19 Big-band mx, fr.
- 555 ST. KITTS Basseterre ZIZ 0137 8/19 Carib-EE sporting event (probably soccer); good.
- 600 MEXICO Pichucalo, Chiapas XEOB HERE FROM 1080 fade in 10:24 w/saludos, ID & rlg's pgms. 6/10/92 10:25 Included Var. other anmts incl. employment and educational opportunities. (Huffaker-MEXICO) (Carl went on to note that the early morning pgm is a collection of short bits of very different items, and that the stn is NOT the Radio Chiapas listed on 1240. ed)
- 650 COLOMBIA Bogota HJKH 0155 8/19 Loud, ads for Bogota businesdsses, sports event w/Col. vs. Bolivia.
- 670 VENEZUELA Caracas YVLL 0046 8/19 Rumbos ment, SS sports.
- 705 ST. VINCENT Kingstown U348 8/19 OC strong.
- 720 VENEZUELA Porlamar YVQE 0103 8/19 Horn fanfare, Porlamar ment, atop CHTN.
- 740 MEXICO Torreon, Coah. XEQN 0214 6/10 MoR mx, some in EE. 0226 "XEQN, La Q Buena de la Laguna, 740 kHz de amplitud modulada, 5000 watts de potencia, desde Torreon, Coahuila", w/KTRH nulled. (Huffaker-MEXICO)
- 750 VENEZUELA Caracas YVKS 0055-0101 8/19 "Human Touch" by Springsteen, SS talk, Banco de Ven. ad.
NICARAGUA Managua 0400 7/17 TNRS pgm of late-nite dance mx until 0500 (local midnight) s/off w/full ID and anthem. (Huffaker-MEXICO)
- 770 COLOMBIA Bogota HJXX 0355 8/19 SS talk, "RCN" ID u/WABC.
- 780 VENEZUELA Coro YVMN 0505 8/15 Gd w/several Coro ID's.
- 800 NETHERLANDS ANTILLES Bonaire PJB 0100 8/19 EE preaching.
- 830 unID 0330-0402 8/19 EE preaching; no ToH ID. Mixing w/CFJR/SSLAs. No trace of St. Kitts-825. Has St. Kitts moved to 830 or did I have Belize or a domestic? Loop bearing approx. south but co-chan. QRM too much for accurate direction fix. (Possibly the Fla. stn. ed)
MEXICO Navolato XEVQ 1129 Gd w/s/on w/NA 1143 after 15-min of non-stop nortenos. Stn data, addresses, phone #'s and even the serial # of his professional license given as ancr ad libbed. (Huffaker-MEXICO)
- 870 MEXICO Huachinango XENG 1145 7/21 Gd w/Indian-language pgm w/drum and flute mx. ID into SS pgmng 1200. (Huffaker-MEXICO)
- 1490 MEXICO Ameca, Jalisco XEED Strong SSS 0214 6/10 popular Mexican mx, ID's 00:54, 00:59 and 01:02 ad lib and all dragged out the call letters of 'XE...E...D'. 300th XE. (Huffaker-MEXICO) (Congratulations, Carl - send us the next 300! ed)

CREDITS:

(Huffaker-MEXICO) Ing. Carl Huffaker, Domocillo Conocido, Huasca de Ocampo, Hidalgo MEXICO C.P. 43500
 (Connelly-MA) Mark Connelly, Wallon, 7 Trowbridge Path, West Yarmouth, MA 02673 (Sony ICF-2010 w/G. Thos. filetr mod., RTL-2 loop/MMT-2 regen. tuner)

BOTH DX WORLDWIDE EAST AND EASTERN DX ROUNDUP ARRIVED HERE THIS MONDAY AFTERNOON WHICH IS AFTER MY SATURDAY DEADLINE. THIS DXM WILL BE A LITTLE LATE WHILE I HAVE THESE 2 COLUMNS COPIED SO I CAN PUT THEM IN THIS DXM. THE HI PERFORMANCE LOOP AMP AND IMPROVED RTL-1 REMOTELY-TUNED LOOP WILL GO IN A LATER DXM. I AM SORRY BUT WE ONLY GET SO MANY PAGES TO MAKE THE 2 OZ MAILING WEIGHT....PUB.....WE ARE INTO THE WEEKLIES WITH THE NEXT DXM. I AM NOT REALLY LOOKING FORWARD TO THEM, BUT WE WILL GET THEM OUT. NOW IF I COULD ONLY GET THE WIFE TO PITCH IN, ONE NEVER KNOWS, MAYBE SOME FLOWERS AND A COUPLE OF DINNERS OUT WITH ME PICKING UP THE TAB AND LEAVING THE TIP.....ONE OF THE OCTOBER DXM'S WILL BE COUPLE OF DAYS LATE BECAUSE I HAVE A BASS TOURNAMENT ON SATURDAY AND WE DO NOT GET HOME TILL MONDAY AFTERNOON. I WILL HAVE MOST OF IT PASTED UP BEFORE WE LEAVE. THE DX SEASON HAS STARTED THE JAPANESE STATIONS HAVE BEEN PUTTING IN BIG CARRIERS HERE, BUT THE AUDIO HAS BEEN A LITTLE ON THE WEAK SIDE, GOOD DX TO YOU.

E
D
X
R

Ray Bauernhuber
141-12 243rd St.
Rosedale, NY 11422



- (MB-MA) Mike Brooker DXing at Kripalu Center for Yoga & Health, Lenox, MA; SONY-7600D
- (LLH-DX) Leonard L. Hyde DX'ing on Brush Mt. near Catawba, VA; DX-440, Autek QF-1, Beverage 1725' NNE, 2' Box Loop, phaser.

OF SPECIAL INTEREST

- 790 WSVG VA, MT. JACKSON 7/21 0835 Good w/local nx, wx. "Shenandoah Valley Gospel Radio - WSVG - Mt. Jackson" ID into Gospel mx. Listed as "OLD." (LLH-DX)
- 990 WNRV VA, NARROWS 8/21 1200 station is silent and has been for several weeks. (LLH-DX)
- 1010 WKKG NC, ??????? 8/19 2030-2200 in/out mixing w/WINS, at times excellent. RO mx, f/announcer, "Goldies 103" slogan. Many NC spots, including NC State football. Typical satellite feed with calls given frequently but nothing of a local nature that would help ID the station. At both legal IDs QRM prevailed; NBC nx. The NRC Log has no listing and no mention in "Broadcasting Info" of a call and format change for any of the NC stations listed on 1010. (LLH-DX)

REGULAR LOGGINGS

- 750 WAVG NC, NEW HOPE 7/21 1017 Poor mixing w/WSB in daytime. UC and soul oldies mx. "WAVG - 750" ID; 500 watts. (LLH-DX)
- 780 CFDR NS, DARTMOUTH 7/18 2145 Good w/local wx into Bryan Adams song. (MB-MA)
- 790 CIGM ON, SUDBURY 7/18 2200 Fair in fight w/several stations w/Blue Jays vs. Mariners baseball. (MB-MA)
- 850 CKVL PQ, VERDUN 7/19 0611 Fair w/sports report in FF into Elvis' "I Can't Help Falling in Love With You." (MB-MA)
- 990 CKIS PQ, MONTREAL 7/19 0553 BLASTING in with "Oldies 990" ID, ad for Cape Cod restaurant in Ste-Anne-de-Bellevue. (MB-MA)
- 1060 CJRP PQ, QUEBEC CITY 7/19 0548-0557 Fair-good w/FF MoR "tounes", noted // CJTR-1140 Trois - Rivieres (gd), CFVM - 1220 Amqui (fr), CJMS - 1280 Montreal (f-p). (MB-MA)
- 1100 WYKR VT, WELLS RIVER 7/19 0607 Fair w/state and local nx. (MB-MA)

1130 KWKH LA, NEW ORLEANS 8/19 2006 Excellent for a while before giving way to WNEW. Old c/w mx. "The Year That Clayton Delaney Died" etc. First time here since last winter. Light at the end of the tunnel perhaps? (LLH-DX)

1190 WLIB NY, NEW YORK 8/19 2054 Jamaican DJ in EE, reggae and other island mx - "Waiting in Vain" by Bob Marley and into another unID "WLIB Blast From the Past." New. Anything other than pest WOWO rare here. (LLH-DX)

1460 CKRB PQ, ST-GEORGE-de-BEAUCE 7/19 0601 Fair w/FF nx and sports. (MB-ON)

1560 WFSP WV, KINGWOOD 7/29 2011 in/out w/CHR, RO mx. ID as "FM 107.7 - WFSP." (LLH-DX)

TIS

1070 WIWS WV, BECKLEY 8/19 1850 in/out. "This is Visitor Information Radio." Designed to serve the southern half of the WV Turnpike. Airs spots for tourist attractions in WV, also wx. Loop repeats every hour. Carries disguised ads in the form of "Visit ---- on Rt. ---- in ----, WV for ??????" Also airs the same type of "ads" from the same "sponsors" as the PBS TV station in Beckley, so is this "public supported?" When I went to Ohio last year, I looked for a similar station serving the northern Turnpike, but found none. Really gets out to the south and east - a good bet for DXers in those directions. (LLH-DX)

TENTATIVES & unID's

1010 unID 8/19 2055-2102 someone w/TTs, strong, generally covering WKGK/WINS. A strange time to test??? (LLH-DX)

EDITOR'S DESK

Thanks to this issue's reporters. All IRCA DX TESTS are arranged by J.D. Stephens. All expenses are "out of pocket" for J.D. so cash or stamp donations sent to J.D. are sincerely appreciated. References used for EXDR are M Street Radio Directory (1991), NRC AM Radio Log (1992) and the IRCA AM-FM Almanac, 5th Edition (1991).

All loggings for Volume 30, #3 and thereafter should be forwarded to Leonard Hyde, 1805 Whipple Drive #26, Blacksburg, VA - 24060.

It's been a pleasure preparing EDXR for the IRCA, for all the membership and for Ralph Sanserino (whom I might add has done nothing less than a marvelous job resurrecting the IRCA and producing a very professional MONITOR for all to enjoy!) Thank you all for permitting me to enter your lives these past four years, and my friends, as always, CONTINUED GOOD DX AND 73 DE MR. B

FROM YE EDITOR: Well, this is the last column I'll be editing for the IRCA, completing 4 years as editor of EDXR. Leonard Hyde is taking over the role that I've enjoyed so much and I wish him good luck and success with this endeavor. I hope everyone will support Leonard as you've supported me. Now that I'll have some time to DX again I will be contributing to EDXR as often as possible. I must say that I'll miss receiving your loggings and kind words in the mail each week, and, if only my personal and business schedule permitted I'd continue until you threw me out - I've enjoyed it that much!

CONTINUED GOOD DX MY FRIENDS and as always, 73 de Mr. B



Western DX Forum

★ ★ ★ ★

REID WHEELER 5910 BOULEVARD LOOP SE OLYMPIA WA 98501

Deadline - Saturday 2 weeks before publication

Randy Stewart, 4225 W. La Casa, Springfield, MO 65802-5615

Greetings from that town in Missouri that's north of Branson, hi. The cover story of the 8/19 issue of the trade journal Radio World talks about New Orleans hosting the NAB Fall Radio Show in September; the head of the Greater New Orleans Broadcasters Assoc. says the city is enjoying "a resurgence of AM" -- WWL-870 is the No. 1 stn in the market, with WQUE-1350 and WBYU-1450 also successful. Other news: under pressure from Congress, the FCC has backed away from the ownership rules they adopted in March and reduced the 30 AM/30 FMs to 18 apiece; in 2 years it'll increase to 20. The latest on Digital Audio B/Cing (from Radio World and the Sept. issue of Stereophile, a high-end audio mag), looks promising: the "Project Acorn" in-band DAB system is moving along well. It involves bit-rate compression to squeeze the digital signal into a narrow bandwidth... Stereophile says the "digital codes would be buried under EXISTING signals in such a way that FCC authorization might not even be needed" (1). And it will apparently work for the 10 kHz AM bandwidth as well as the 200 kHz FM channels! Project Acorn uses 21 (yes, that's twenty-one) QPSK (quadra-phase shift-key) carriers, each 43 db below the FM carrier, with the dig. modulation distributed between them -- this minimizes QRM of the analog FM signal & makes the dig. signal multipath-resistant. But what about AM? Supposedly it can work on AM signals because diode AM detectors are "inherently insensitive" to freq.-mod. or phase-shift mod. (However, the new AMAX system uses phase modulation...) Anyway, should be interesting to see what develops -- the Acorn folks hope to make it a combined AM/FM proposal. Speaking of New Orleans, I spent the evening of Tues. 8/25 glued to WWL-870 & their coverage of Hurricane Andrew. (Florida stns are difficult logs here) WSMB-1350 was relaying them; they encouraged listeners to call in w/weather cx @ their QTH, or just to let relatives who might be listening know they were all right. 73.

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

(406) 721-5131

Greetings! I was glad to see the President's report in the last DXM. It was well-organized and informative. I like the idea of an information exchange with the NRC. Ray, thanks for your faithfulness; hopefully a successor editor will volunteer soon. Guy Atkins, welcome to the IRCA! I look forward to your contributions. All for now. 73.

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

(206) 786-1375

How nice it is that fall is in the air again and conditions here are finally beginning to improve. I spent most of Labor Day cleaning up the 'shack' and getting really organized for the DX season. To all WDXF contributors -- the DXM will be back on the weekly publishing schedule beginning with Vol 30 #3 which will carry an October 3rd date. Please remember that my cutoff day for all contributions is the Saturday 2 weeks before the publication date. I do appreciate the column support from all of you last season and hope it will continue with the same quality and quantity this season. Typewritten or word processing material is preferred (double space, please!!) but clear handwriting is ok, too. Good Hunting!

*** A DXers TECHNICAL GUIDE ***

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EASTERN

DX

FORUM

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

Deadlines: Saturdays

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

A.J. and I attended the REACT International convention in Anderson, IN week of July 19. Best listening on the drive up was Real Country WCKN-1430 (x-WXTZ) in Indy. Sister FM WFXF-103.3 The Fox ain't bad either with classic rock. Number one Anderson local is WHUT-1470 which I caught up with broadcasting live from the Madison County 4-H Fair. found WAXT-96.7 The Frog there too. It's AM brother is WHBU-1240. WHUT was WCBC and asking if anyone could identify the broadcaster in a 50 year old photo of the station broadcasting from the same fair. We also visited LeSez's shortwave station WHRI at Noblesville and their nearby WHMB-TV40. Only about 3 miles north of I-69 on State Road 238 and they welcome visitors. WERK-990 in Muncie simulcasts Oldies 105. Heard the Thru the Bible broadcast on WXLW-950, Indy, a few weeks ago offering their radio log/ I got a couple copies of this little booklet and sent one to Bill Hardy. Quite a long station listing, but I don't really know if anyone finds this sort of info to be useful. If you want a copy, write P.O.Box 7100, Pasadena, CA 91109-9833. Got a coverage map from WXLW and that's about it until I return from EDXC-92.

Keith Short, 3515 Medina Avenue, Columbus, Ohio 43224

Greetings to all! It won't be too long before it starts getting dark earliest and a new DX season for all to look forward to. The following has been reported in the Columbus Dispatch recently. WOSU-820 has reduced its 24 hour coverage. It now broadcasts 0500 to 2300 weekdays and 0600 to 2400 weekends. This is due to a funding crunch as the State of Ohio has reduced its monetary support for public broadcasting for the 1993 fiscal year. WOSU has also reduced its broadcast hours on the FM and TV side as well. WOSU officials are hoping for an increase in contributions and members during their next pledge drive and believe that the cuts in broadcast services will be temporary. So for now, the 820 frequency is free at late night to DX for other stations on that frequency. I am hearing everybody is talking about changes this year, so I guess this must be the year of changes. Nevertheless, two local stations have made format changes. WCOL-1230 has changed its format to talk and it no longer simulcasts WCOL-FM. WCOL's weekday talk lineup of syndicated shows includes Dr. Dean Edell at 0900; Dr. Joy Brown at 1000; Rush Limbaugh at noon; Alan Calmes at 1500; Barry Farber at 1700; Bruce Williams at 1900; and Myrna Lamb at 2200. Saturday's lineup include Plant Talk at 0900; Limbaugh reruns at 1000; Home Sense at 1300; and Money Talk at 1600. Sunday's lineup includes Limbaugh reruns at 1000; The Garden Hotline at 1300; Money Talk at 1600; Bruce Williams at 1900; and Dr. Harvey Ruben at 2200. Daytimer WLOH-1320 dropped their oldies format. WLOH now carries the audio portion of CNN Headline News all day long. It also carries the audio portion of WCMH-TV News 4 at 1800. I won't be able to go to any radio conventions this year as I hoped I would get to do as I am traveling to Kentucky on the weekends to check in on my seriously ill grandmother. Hopefully, I will get a chance to go in 1993. So good DX and 73.

Leonard Hyde, 1805 Whipple Drive, #26, Blacksburg, Virginia 24060

MORE QRN? As I type this, a spot on the nightly news tells of a revolutionary new light bulb that operates using radio waves. The NAB protests, saying that use of such bulbs will produce interference that may render radio listening impossible. Just what we needed, right? Thanks, rce, for setting me straight on the use of ELT as opposed to UTC. I should have realized that a standard that has been in use since DX clubs began would have some compelling reason for its continued use. As usual, I was the first to open my mouth and stick my foot in it! Hi! (Actually, Leonard, it's a subject that comes up every few years, and needed to be dealt with. I didn't want to offend you but I felt the

comments had to be said at that point and place--rce) Regarding computers - is anyone still running CP/M (the standard before DOS) or am I the only guy still using a system with "tail fins". I would love to communicate with any CP/M users. Thanks to Carl Huffaker for his help in IDing XESFT-780. Carl, Blacksburg is in SW VA 30 miles south of Roanoke, and is the home of Virginia Tech. I don't think I need to send you the tape, since you described "La Bronca Nortena" very accurately. Here's a good one I heard somewhere - DX: Everything I haven't heard yet. PEST: Everything I have HEARD. Well, there are some exceptions. A tip to all who submit masters to Ralph - for some reason, print or type that looks great to the eye can appear translucent to a copier. Why this is, I don't know, but dot matrix printers seem to be especially prone to this problem. After sending Ralph a master that looked fine to me, and having it come out perfectly awful in DXM, I began the custom of testing the master on a copier before sending it. Now, I double or triple print all my masters (hard, but worth the effort). Hope everyone is enjoying themselves this summer, and kudos to all who make this club and publication possible, especially those who contribute by sending in reports. No reports, no columns. No columns, no DXM. No DXM, no club. 73 de LLH.

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221

It's been an interesting month since I last typed the column. Back on 8/21, I was driving home from work (only two miles) and put the radio on seek. Result was CKIS-990 for a new station. Since then, I've tried a few more times on the HQ-100 at home and been rewarded with 7 more new stations by the end of August. I started putting together a target list of DX stations and I've heard 4 of them already. On 8/28, I picked off WKMI-1360 the rocker I grew up with in the 50's and 60's back in Michigan, only to find out they are now 24-hour talk! While I am typing this column, I've been checking the dial, and found WK20-590 carrying Larry King. Report out to WKMI. The young kid at work was surprised to find out that I could listen to the Tigers BB games over WJR, so I didn't bother to tell him that the weekend before I had listened to the Milwaukee/Boston game over the Red Sox network station in Hartford, Conn. I heard part of the American Legion world series game Sunday night on KQWB-1550 in West Fargo, ND, so it's been an interesting couple of weeks for hearing sports. The Conn. and ND stations were new stations at this location for 34 states now. I've got my DX records for Milwaukee in the computer now and it's been fun playing with it. I put in a "sequence" number so I can keep the loggings in the order I heard them. I've noticed the computer has trouble putting dates in the correct order. Being American, I tend to put the year in last and so the computer sorts by month first. I solved the problem with my database on overall catches (across five listening locations) by putting the year first, such as "92.08.23" to indicate Aug. 23, 1992. I don't care for it, but I don't have much choice. I can sort by sequence number for the first location but not if sorting the stations for the other locations. For interest's sake, ELT was not the time standard used for radio clubs when they started. EST year around was the standard for a long time until about 1970 when most of the country started going on daylight time at a uniform time. ELT takes into account the time switch in April, so from one month to another, you can count on a program being at the same time, whereas with EST (or UT) one has to switch an hour to allow for the hour difference in time between daylight and standard. It's probably only us old folks who can remember when there was no uniformity in who went DLT and who did not. You might find a county seat in rural areas going "fast time" while the rest of that county did not. Or, perhaps one would switch in early April, while the other went in late May. The Federal government finally had to step in with the Uniform Time Act. Got to type a report to KQWB before going to bed. See you in two weeks. 73.

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Verification Signers

Phil Bytheway
9705 Mary NW
Seattle WA 98117

Hello and welcome to the "Verification Signers" column. I've decided to do this column on a temporary basis... IRCA is still looking for a permanent editor (contact me if you're interested). Initially, I'll be using a format similar to Tim Hall's. Suggestions are always welcome. Deadline - Last Saturday of the month.

Contributer :

JDS - JD Stephens - PO Box 605 - Huntsville AL 35804

FREQ	CALL	SIGNER'S NAME-TITLE	ADDRESS	WHAT	WHEN	WHO
600	WOKV	Jeff Dorf - VP/GM	6869 Lenox Ave Jacksonville FL 32205	LM	7fff	JDS
610	KONA	Art Blum - CE	PO Box 2623 Tri-Cities WA 99302	QL	7	JDS
630	WVVW	Robert Eddy - GM	PO Box 374 St Marys WV 26170	L	11	JDS
650	KMTI	Douglas Barton - GM	PO Box K Manti UT 84642	LM	13	JDS
720	KUAI	Michael Friedlander - Chief Operator	PO Box 720 Eleele HI 96705	LB	11	JDS
740	CBX	John Parker - Regional Engineer	PO Box 555 Edmonton AB T5J 2P4	L	341	JDS
770	KPBC	WC Alexander - Dir of Eng	PO Box 561307 Dallas TX 75356-1307	LMB	6	JDS
880	KHAC	Bill Hurne - CE	PO Box F Window Rock AZ 86515	L	4	JDS
920	WKVA	John Dillon - CE	One Juniata St Lewistown PA 17044	L	11f	JDS
960	KNEB	Robert Wilson - Pres Les Proctor - CE	PO Box 239 Scottsbluff NE 69363-0239	LB	13	JDS
970	WDAY	Marty Berlinger - CE	PO Box 2466 Fargo ND 58108	LB	9	JDS
980	KOKA	Diane Camp	PO Box 103 Shreveport LA 71161	LMB	5	JDS
	WYFM	Jeff Ward - Mgr	1940 Neely's Bend Rd Madison TN 37115	LB+	6	JDS
1020	WRIX	John Woodson - PD	Watson Village Anderson SC 29624	LMB+	119	JDS
1050	KMIS	Danny Ramsey - GM	PO Box 250 Portageville MO 63873	LMB+	10f	JDS
1060	KPAY	Dan Butner - CE	2654 Cramer Ln Chico CA 95928	Q	34	JDS
1150	WDEL	William Blatz - ACE	2727 Shipley Rd PO Box 7492 Wilmington DE 19803	LMB	25	JDS
1180	WLDS	Kevin Potter - CE	PO Box 1180 Jacksonville IL 62651	LB	5	JDS
1210	WOGI	Sam A Virgillo - Tech	City Line & Monument Rd Philadelphia PA 19131	QL+	10	JDS
1230	KBTM	Alan Patteson Jr - Pres	PO Box 9375 Jonesboro AR 72403	L+	4	JDS
1250	WTMA	Bruce Roberts - CE	PO Box 30909 Charleston SC 29417	L+	19	JDS
	WKBL	Royce Wilson - Own/Mgr	PO Box 674 Covington TN 38019	LMB	6	JDS
1270	WYYN (now WNOL)	David A Lowe - GM	325 John Knox Rd Tallahassee FL 32503	L	7	JDS
	WJJC	William Carson - CE	PO Box 379 Commerce GA 30529	LMB	25	JDS
1300	KFLO	Dan Perkins	PO Box 7277 Shreveport LA 71137	LB+	14f	JDS
1330	KVOL	Scott Seagraves - Op Mgr	123 E Main St Lafayette LA 70501	LB	10	JDS
1360	KRYS	Kent A Cooper - VP/GM	702 McBride Ln Corpus Christi TX 78408	L	6fff	JDS

	WGEE	Stephen Konopka - CE	PO Box 23333 Green Bay WI 54305-3333	L	37	JDS
1390	WKIC	Ernest Sparkman - Pres	PO Drawer 7898 Hazard KY 41701	L	15fff	JDS
1410	KCUL	HA Bridge Jr - VP	PO Box 1326 Marshall TX 75670	LMB+	8fff	JDS
1420	WIMS	Robert Schilling - CE	685 E 1675 N Michigan City IN 46360	QMB+	27	JDS
1530	KXTD	Tony Sellars - Ops Mgr	4000 W Indian Hills Rd Norman OK 73072	LMB+	10	JDS
1550	WBSC	(NOTE: This address and v/s Ken Harmon - GM	normal for WWLS-640 also) Broadcast House One Radio Rd Bennettsville SC 29512	LB	6	JDS
1560	KKID	Cliff Casteel - PD	PO Box 666 Sallisaw OK 74955	L	62	JDS
1570	KBRI	John E Harper - GM	PO Box 44 Brinkley AR 72021	L	6	JDS
	WBEE	Charles R Sherell II - Pres	15700 Campbell Ave Harvey IL 60426	LMB	11	JDS
	WOBS (now WZCC)	Richard Johnson - VP of Operations	220 Potter's Ln Jeffersonville IN 47129	L	13f	JDS
	WQTW	Joey Kaye - CE	Box 208 Latrobe PA 15650	LB	17	JDS
1580	KCWV	Robert VanBuhler - CE	PO Box 3174 Tempe AZ 85280	LB	84ff	JDS
1590	WARV	Lincoln Hubbard - CE	52 Park View Ave Warwick RI 02888	LB+	7	JDS

(NOTE: Address used for WARV is Mr Hubbard's business address)

 WHAT was received: Q = QSL card; L = letter; Lr = DXer's letter returned w/statment;
 B = Bumper/other sticker; P = Prepared card supplied by DXer;
 M = Coverage map; + = even more stuff!

WHEN the reply came: Number of days elapsed; f = follow-up (report/phone call/visit).

Keep DXing, keep writing and keep sending those verie signers to me....pb



Geomagnetic Indices

+ high point
 - low point
 GEO geomagnetic activity
 maf major flare

mas major storm
 mif minor flare
 mis minor storm
 pca polar cap absorption

SA solar activity
 spe satellite proton event
 ss severe storm

Geomagnetic Summary July 30 1992 through August 25 1992

Date	FLUX	A	K	SA	GEO	ETC
7/30	- 97	6	2	low	quiet	-
7/31	103	13	3	low	quiet-active	-
8/ 1	110	8	1	low	quiet	-
2	125	3	1	moderate	quiet	-
3	131	3	2	moderate	quiet	-
4	-	-	-	-	-	-
5	131	34	2	low	unsettled-mis	-
6	138	16	3	low	quiet-active	-
7	141	20	2	low	quiet-mis	-
8	144	20	3	low	unsettled-active	-
9	137	12	4	low	quiet-active	-
10	133	11	2	low	quiet-unsettled	-
11	130	11	3	moderate	quiet-unsettled	-
12	128	12	0	low	quiet-unsettled	-
13	129	6	2	low	quiet	-
14	129	12	2	low	unsettled	-
15	131	7	2	low	quiet-unsettled	-
16	137	8	2	low	quiet	-
17	134	- 2	0	low	quiet	-
18	130	4	0	low	quiet	-
19	135	5	2	low	quiet	-
20	+156	13	2	high	quiet-mis	-
21	125	9	1e	moderate	unsettled	-
22	122	15e	6	low	quiet-storm	-
23	111	+40	2	low	unsettled-mis	mis
24	102	6	2	low	quiet	-
8/25	98	4	4	low	quiet	-



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DX TECHNIQUES

Leonard Hyde
1805 Whipple Dr #26
Blacksburg VA 24060

HINTS AND KINKS FOR GY DXers

Unfortunately, there were no reports for this topic. Therefore, we will carry it over to the next column. The new deadline will be Oct.3. I know SOMEONE out there DX's the "graves," so why not share your tips and experiences with the membership? This is an area where I am sadly lacking, so I need some help, too.

DX QSL ASSOCIATES - 434 Blair Road NW - Vienna, VA 22180

This company has a number of items of interest to the BCB DXer who DX's foreign stations. They sell mint stamps from many countries, also envelopes for the large QSLs many European stations favor. (Sending the proper size envelope with a mint stamp can't HURT your return percentage, hi.) Price list free with an SASE.

THE PUBLISHER DELETED THIS ITEM. IT WAS ABOUT DAJJA ENTERPRISES. DAJJA AND THE NATIONAL RADIO CLUB HAVE A DISAGREEMENT, AND THE NATIONAL RADIO CLUB ASK THE IRCA NOT TO PUBLISH ANY OF DAJJA'S MATERIAL. I TALKED WITH PHIL AND WE AGREED NOT TO PUBLISH ANY DAJJA MATERIAL AS LONG AS THE TWO WERE HAVING THIS DISAGREEMENT.....RALPH SANSERINO IRCA PUBLISHER.....

Here's something I unearthed that may be of interest to any lowfers, very or otherwise. The magazine "Radio-Electronics" had some excellent articles on LF and VLF equipment and techniques during the 1980s. An article in the September 1989 issue featured plans for one of the best longwave converters I have ever seen. The converter tunes 0 - 530 kHz, and translates the band to 1000 - 1530 kHz on your very own BCB DX receiver. For those of us who can't go below 150 kHz (me!) this is just the ticket. In February - June 1983, a series of articles and projects on longwave active antennas, tuners & loops appeared. (This may seem a little off the track for DX Techniques, but I think it's still in the ball park. Out in left field, maybe???)

I thought IC circuitry was fairly new, until I saw an article in the Nov 1966 "Electronics World" on "The World's First All Integrated Circuit Radio." It was a GE clock radio, and consisted of one IC, with tuner, transformers, and volume control on a small circuit board. The IC was a modern flatpack with 14 pins and the designation "IC 166." It contained RF, IF and AF amps, as well as oscillator and detector. This radio is a collector's item, so if you have one, keep it! (I always thought the "op amps" of the early 70's were the first true modern ICs.)

In the December 12 issue, we will cover "Using The Computer In DX-ing." That will be a good one, so I thought I'd give advance notice.

TOPICS WANTED! Do you have an idea for a topic you would like to see covered in DX Techniques? Send your ideas to me. Any topic relating to the methods and techniques of DXing is fine. This would include record keeping, planning, QSLs, reporting to the DXM columns, etc.

OCTOBER 17: TOPIC: Hints & Kinks for GY DXers. DEADLINE: October 3

NOVEMBER 14: DXing With A Winning Gameplan (con't)

DECEMBER 12: TOPIC: Using The Computer in DXing DEADLINE: November 28

73 and good DX de LLH

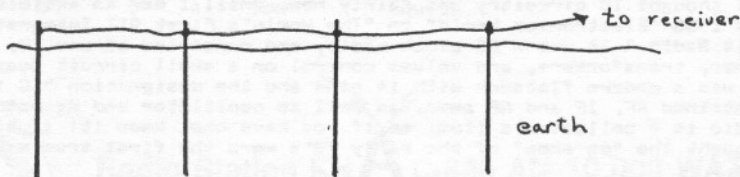


IMPROVED RECEIVER GROUNDS

Most of us have a mental picture of a "ground" as a long copper rod or water pipe in soil and clamped to a wire leading to a receiver. More generally, a ground is a point of zero potential, or a reference point. For example, the chassis of a receiver is regarded as a ground by the circuits of the receiver, while the zero reference point for the "live" side of the AC powerline is the earth itself. An external ground is an attempt to place a body of metal (the pipe or rod), and the receiver chassis to which it is connected, at the same potential as the earth itself.

It's usually recommended that a receiver be attached to a "good ground" (one which is closest to earth potential) in order to reduce electrical noise, prevent electric shock, and to improve signal strength. Ideally, the resistance between a ground rod and the earth as well as the ground rod and the receiver should be zero. It should be easy to keep resistance low between receiver and rod...just use very thick wire. Actually, copper braid or tubing presents a lower resistance (impedance is a better term) to RF at medium and higher frequencies. Also, one should keep the physical length between receiver and grounding clamp to a small fraction of a wavelength; at 1600 kHz, this should be well under 50 feet, and less yet at higher frequencies. Clean, bright metal on the rod, cable and clamp where they touch each other goes without saying.

Resistance from a ground rod to earth itself is most dependent upon the electrical conductivity of the soil and to the length (rather than the diameter) of the ground rod. Six feet or longer is usually recommended. Use copper clad steel rods unless your local soil is very soft, as copper pipe will bend when stressed. Still lower resistance may be obtained by connecting several ground rods together in series, with at least 6 feet separation between each rod. See below:



Soil conductivity is better in damp clay or muck soils, worse in dry sandy soils. One can't do much about the soil type at a site, but moisture can be added out to a foot radius around a rod. Further than that doesn't improve conductivity much except in very sandy soils. Conductivity is further enhanced by the addition of rock salt or Epsom salts to the area, though these may damage nearby plants, and could encourage rod corrosion. In areas of heavy rainfall, salt will have to be renewed every year or two.

The above paragraphs describe a good conventional ground. In fact, it would be a good ground for connection to the point where your AC powerline enters the house. However, it's often observed that hooking up an external ground to a receiver can actually make local noise worse due to ground loop currents, and that signal strength does not improve when using a random wire antenna. (Note that an external ground is not

likely to improve signal strength when using a dipole or loop antenna.) Yet Patrick Martin observed that signal strength on the Australian stations he was receiving with his 200 foot random wire improved as he added more rods to his system at six foot intervals.

Patrick's case points out a sad truth...to get a ground to improve signal strength or to reduce noise, it must be an excellent ground, not just a good one. Most of us don't have the conductivity of the Oregon shore groundwater to help us, even if we have a store of ground rods.

DO WE REALLY NEED AN EXTERNAL GROUND?

Although AC powerline ground may make reception noisy, for many listeners it appears to be at least as good a receiver ground as a single ground rod. This is probably due to either capacitive coupling from powerline to receiver chassis, or to direct connection to chassis from the third pin of the AC plug. In some receivers (older ones with inductive coupling from the antenna to the rest of the receiver), powerline ground may also provide a bleed-off path for precipitation static built up on a random wire.

However, AC ground (or any easily constructed ground) will not provide protection from direct or nearby lightning strikes. The best and easiest protection for the listening post is to configure the antenna lead-in so that it can be easily disconnected where it enters the building. When lightning threatens, the antenna lead-in may be grounded externally to the building or it may be left hanging. In addition, pulling out the AC power plugs to your equipment is also advisable.

What about the safety net that an external ground may provide? You don't want to get a lethal shock from a receiver front panel if something goes wrong internally. Newer receivers should have passed various underwriters' safety tests to be allowed on the market; if a safety ground is required, it will be provided via a 3-pin power plug. Older receivers should be assessed on a unit by unit basis before external grounds are connected; there may be a potential difference between chassis and earth even when the receiver is operating correctly.

So, does this mean that one shouldn't bother with an external ground if using a newer receiver? If one listens only above 5 MHz, that may be true, but for medium wave listening there are approaches which will make an external ground beneficial.

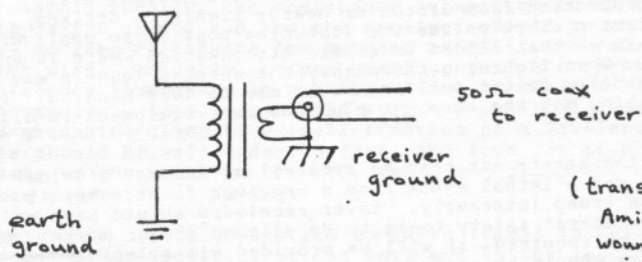
First of all, your AC powerline ground may not be that good an RF ground; it may be a good fraction of a wavelength away from the receiver for example. A single or multiple ground rod system may provide signal improvement and improved noise response in such a case.

For example, my antenna is a horizontal loop about 130' circumference at 15' high (using a 15' download). For frequencies up to a few MHz, this corresponds to a short vertical with a sizeable capacity hat. Using a ground system of four series connected 6 foot long ground rods each separated by about 6 feet gave up to 12 dB gain over powerline ground alone and up to 5 dB gain over a single ground rod. Less electrical noise was received as well over either powerline ground or the single rod. These observations seem to verify conventional wisdom, i.e. the ground with the lowest resistance to earth (the collection of 6' ground rods), delivered the better signal strength with the lowest electrical noise, at least through 2500 kHz. Above 2500 kHz, that ground quickly lost its advantage over a single rod or over the powerline ground.

However, Bill Bowers in Oklahoma apparently has a good powerline ground, as he noted no improvement when using a more elaborate ground system than mine. Unfortunately, building a multiple rod system only to find it doesn't improve matters could be mightily aggravating. Is there a better approach?

Yes, there is, and it has already been mentioned several times in DX Monitor. Graham Maynard in the Technical Column of August 8, 1987, Denzil Wraight's "Interference Reducing Antennas for BCB" (July 25, 1991, reprint A107) and Dallas Lankford's "Inverted L Noise Reducing MF/VLF antenna (August 17, 1991, reprint A108) all showed that to reject electrical noise, it was important to isolate RF ground from chassis ground. This was done using a broadband matching transformer with the external ground connected to one winding and chassis ground connected to the other.

However, I've now found that when a matching transformer is used with my antenna and a single ground rod (still isolated from the receiver chassis; see illustration below), that I got at least as good signal strength (still with less noise) than with the antenna and the four-rod ground system connected directly to the receiver. Below 1 MHz, gains of 4 to 8 dB were common, and remember that the elaborate ground system was already providing substantial gain over the powerline ground alone. The effect was most spectacular when receivers with 50 ohm input impedances were used; receivers with higher input impedances such as many tube receivers, would not show as radical an improvement, but there's a lot less work in one ground rod than in four of them.



(transformer is Amidon FT50-43 Core Wound with 35-turn primary (minimum) and 11-turn secondary. Also try MCL T9-1 as suggested by Connelly)

CONCLUSIONS

- a) The traditional emphasis in ground system design has been to get as low a resistance to earth as possible, implying deeply driven multiple ground rods. Although AC powerline grounds, lightning protection systems and some transmitting grounds require a low resistance to earth, it is only essential for improved radio reception if one is listening below 3 MHz with a low impedance input receiver and the ground system connected directly to the receiver chassis.
- b) Using a matching transformer and isolating the earth ground on the antenna side of the transformer from chassis ground on the receiver side will meet most low band DXers' requirements for improved reception with low response to electrical noise, even when using a "poor" ground. In addition, precipitation static charges will be bled off to ground.

(A much more detailed version of the above article will appear in Proceedings 1992 to be published by fine tuning later this year)



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