

November 10, 2001 - Volume 39, Number 9 - Edition 1231 - ISSN 899-9733

### Publisher's Note

I'd like to take the opportunity to welcome new members to the club. These people have joined since I commenced publishing: Ole Alm, Harnosand Sweden ; Brian Avery, Kamloops BC (rejoin); Bogdan Chiochiu, Pierrefonds PQ; Bob Combs, Tome NM; Chris Cuff, Forestburg NY; Mark Gerwlvich, Unionville ON; Harry Helms, Ridgcrest CA (rejoin); Douglas Martin, Dayton OH; Keith McGinnis, Winthrop MA; Herbert Newberry, Jr., Newborn GA (rejoin); Randall Noguchi, Honolulu HI; David Shapiro, Little Rock AR; William Smith, Sachse TX; Jim Stately, Canyon Country CA; Michael Temme-Soifer, Egg Harbor NJ; and Dave Vollenweider, Cedar Falls IA. Glad to have you aboard, and hope to see your contributions in the DX Monitor! --RT

### 2002 IRCA Convention Bids

Anyone interested in hosting the 2002 IRCA convention, please contact IRCA President Lee Freshwater, 414 SE 3rd St, Ocala FL 34471. E-mail: [ENGWTRS@aol.com](mailto:ENGWTRS@aol.com).

### Editors Needed

The following columns need editors. If you would like to participate in YOUR club, contact Lee Freshwater at [engwtrs@aol.com](mailto:engwtrs@aol.com)  
 DX Worldwide - EAST                      Sports Information

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### DX Tests

Please remember, what's listed as being on, say, Monday \*may\* be what you think of as Sunday night! Even if you don't hear a test, be sure and drop a card, letter, or e-mail to the station personnel, thanking them for going to the trouble to run a test!

Sunday, December 2, 2001 - WPRI268 - 1620 am, Leominster, MA will conduct a DX test from Midnight - 1:00am Eastern Time. From its transmitting facilities in Lancaster, MA, you will hear test tones of varying frequency intermingled with Morse code ID's and an occasional Voice ID. QSL requests can be sent to [WPRI268@aol.com](mailto:WPRI268@aol.com) or by USPS to:

WPRI268  
 25 Blodgett Street  
 Orange, MA 01364

P.S. QSL Cards for WPRI268's response need to be sent to that address, please!  
 (Arranged by Blaine Thompson for the NRC.)

Also, if you hear a test, PLEASE, PLEASE let me know, via either e-mail or in rec.radio.shortwave! And if you send a reception report to a station, please remember to include return postage with your report...—Lynn Hollerman

### Web Sites for AM DX Stuff

IRCA member Tim Noonan maintains a site devoted to broadcasting on all bands in Wisconsin. Called "Radio/DX From Wisconsin", he regularly keeps it up to date. He keeps up with format and slogan info, station addresses, call changes and much more. It's a great

regional resource for anyone interested in Midwestern radio. Tim's site is at <http://www.angelfire.com/wi/dxing/index.html>.

Member Tim Hall has a site devoted to his logs from the San Diego area, and a vast collection of links, sorted by category. "Tim's Radio Page" comprehensively covers sports teams, talk shows, radio resources, help with UnIDs, and much more. Find his site at <http://www.inetworld.net/halls/dx/>

**BROADCASTING INFORMATION**

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**CALL CHANGES**

	OLD CALL	NEW
930	WCNR- BLOOMSBURG, PA	WHLM

**FORMAT CHANGES**

FREQ.	CALL – CITY	NEW INFO
800	KDDD- DUMAS, TX	REG. MEX.
900	WIDU- WISCONSIN DELLS, WI	AD. STNDS- JRN
930	WHLM- BLOOMSBURG, PA	CHRISTMAS MX
1080	KVNI- COEUR d'ALENE, WA	50/60 OLDIES
1230	WFOM- MARLETTA, GA	TLK-SPTS // WALR
1240	WHFA- POYNETTE, WI	SILENT
1260	WXCE- AMERY, WI	TALK
1400	WABY- ALBANY, NY	NWS-TLK/ROCK
1430	WXNT- INDIANAPOLIS, IN	TLK-SPTS 2
1460	KGMZ- HONOLULU, HI	KOREAN 1
	WNVI- NORTH VERNON, IN	ADLT STNDS 2
1570	WGSR- FERNANDINA BEACH, FL	BLK GSPL- URBAN
1580	WTTN- WATERTOWN, WI	NEWS-TALK
1590	KATJ- VICTORVILLE, CA	C&W // FM

**CONSTRUCTION PERMIT ACTIVITY**

1060	KKDS- SOUTH SALT LAKE, UT	DECREASES TO 149 WATTS NIGHTS NDA FROM DA-N CHANGES SITE TO 40-32-08 112-04-38
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**OTHER ITEMS OF INTEREST**

750 – WSB – Atlanta NRC log shows them carrying the Ken Hamblin show Tue-Fri 0200-0400. This has been dropped from their current schedule. 3

1- INFO FROM MIKE TUGGLE 2- INDIANA RADIO WATCH 3- Herb Newberry

As you can see we have "streamlined " the column a bit to save space. Please send your tips to the email or address above. - 73's and all the best.....fresh 11/04 0930

## WESTERN DX ROUNDUP

*Editor: Nancy Johnson -265 Waterton Way- Billings, MT 59102-7755*

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WDXR DEADLINES: Each Friday. Please use Eastern Time.

### REPORTERS FOR THIS ISSUE:

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Kenwood R-5000, 1000' southern Beverage
- (JW) John Wilkins-Wheat Ridge, CO peakbagger@juno.com  
Drake R-8, 4' box loop

### OF SPECIAL INTEREST

- 1200 KSRK CA, Soquel 10/24 1000 with latest call change. ID "KSRK 1200 and KYAA 540. Verified again 11/1 1900. Same ID. (DKK-CA)  
+ 10/25 heard with talk and ID at 2059:50, "You're listening to KSRK AM 1200 and KYAA AM 540." No cities listed with ID though, ex-KYAA, KOQI. (PM-OR)
- \*\*\*\*\*
- 570 KLAC CA, Los Angeles 10/29 0230 totally topping KVI, which is very rare, with weather for the Southland, mention of KLAC. Very auroral conditions. (PM-OR)
- 600 WREC TN, Memphis 10/30 2300 with legal ID, then Tennessee news. Fair signal in the group. (JW-CO)
- 620 KIGS CA, Hanford noted on 11/2 in KWAL null with ranchera music, then religious ad by woman. At 0902 I heard chimes and legal ID in English by man. Rare here. (LG-MT)
- 660 KZTU OR, Junction City was weak, mixing with others at 1000 10/29. I heard ID for "Newstalk 860, KPAM," which it relays. (LG-MT)
- 720 KUAI HI, Eleele 10/15 0335 again noted with KDWN off on MM. Hawaiian music mixing with WGN. Both weak. (DKK-CA)
- 800 KSOS UT, Brigham City ID'd and began Spanish program "El Rancho Grande" on 10/21 at 0859, I think this is a Sunday-only program. (LG-MT)
- XEROK CH, Ciudad Juarez ended a talk program and had quick "Radio Canon" jingle at 0900 on 10/24. Mexican national anthem followed. (LG-MT)
- 810 KSWV NM, Santa Fe was very strong at 0956 on 10/26, in Spanish, with two "Que Suave" ID's, way on top of KGO. (LG-MT)
- 860 KTRB CA, Modesto is no 50,000 watts as they are saying that they are now 50,000 watts. Can really notice the difference in listening. What a difference in signal. (GJ-CA)
- KARS NM, Belen 10/26 2303 with Belen H.S. football thriller, local spots. Pretty decent signal for 186 watts. (JW-CO)
- 870 KAIM HI, Honolulu 10/13 1010-1020 with Christian music, atop for about 7 minutes, fading down at 1017 gone by 1020. (DKK-CA)

- WWL LA, New Orleans 10/18 0350-0400 atop nicely with talk & KRLA looped out. (DKK-CA)
- 890 KFLD WA, Pasco 10/20 0600 with ID after ESPN Radio. (DKK-CA)
- KDXU UT, St. George 10/29 0915 "Newstalk 8-90 KDXU," local time check, and sports news, fair/good. (AB-CA)
- 920 KXLY WA, Spokane 10/24 2105 ID after ABC news. Atop nicely with minimal KNEW-910 splatter. (DKK-CA)
- 940 KNNZ UT, Cedar City 10/31 1940-2030+ mixing with KWRU & KICE. C&W music. Local show. News & weather 2000-2005 & forecast for Cedar City. Supposed to cut power at 2000 but apparently didn't. Utah stations are good at that. (DKK-CA)
- 960 KIXW CA, Apple Valley 10/26 0859 with legal ID "High Desert Talk unrestricted is KIXW-AM Apple Valley and Victorville, a Clear Channel radio station." USA news was followed by a syndicated talk program at 0906. Fair signal, supposed to be a daytimer. New here, CA #104. (JW-CO)
- CFAC AB, Calgary 10/25 0255 under KABL with "Sports Radio" and ID. (DKK-CA)
- 970 KZTK CA, Bakersfield 10/29 0333 briefly on top with ID "on Newstalk 970, KZTK." (PM-OR)
- 980 CKCK SK, Regina 10/16 2149 with ID atop QRM. Is this CKCK or still CKRM? ID was for CKRM-620. C&W music, ads after ID. ID's noted 2157 and TOH 2200:30. All for CKRM-620. Was there an actual call change? (DKK-CA) (CKCK & CKRM were supposed to switch call letters in September. When I put 620 on today I heard many mentions of "CKRM," and "CKRM 620."--NJ)
- 1070 KFTI KS, Wichita 10/26 heard briefly on top of KNX with older C&W music and weather for Wichita at 2315, "KFTI Weather," ended with "AM 10670, KFTI." Into Coat of Many Colors by Dolly Parton. (PM-OR)
- 1090 KYCW WA, Seattle 10/18 0405 with "Sporting News Radio" then ID. Mixing with KBOZ in XEPRS null. Both just ending news. (DKK-CA)
- 1100 KAFY CA, Bakersfield a surprise, in Spanish and all alone, on car radio at 2012 on 10/29. I heard a local commercial and several ID's as "La Favorita," the slogan mentioned in 3/27/01 DXM. I phoned station to confirm slogan. I think they were tardy powering down after the time change 10/28. --New. (LG-MT)
- 1170 KCBQ CA, San Diego ended the religious program "Healthy, Wealthy and Wise" at 0857 on 10/29 and ID'd. Apparently KJJD-CO hadn't yet s/on for some reason; it was dominant in Spanish an hour later. (LG-MT)
- KVOO OK, Tulsa 10/25 0245 ID "KVOO Weather Channel" coming in right through KLOK. Heard 10/29 also. (DKK-CA)
- 1190 KMYL AZ, Tolleson very strong and dominant at 1000 on 10/24 with oldies and farfare with ID as "The new talk 1190, KMYL, Tolleson-Phoenix." (LG-MT)
- ?KXKS? NM, Albuquerque probably the one in Spanish, on top, with MDT time check at 0953 on 10/26. KSWV-810 was very strong a few minutes later. Unusual to hear it so late. (LG-MT)
- 1200 KOQI CA, Soquel 10/13 1000 on regular schedule (finally) with Animal Planet Radio and Biz radio shows 0930-1000, ID 1000 was "KSRK & KSRK-FM Carmel Valley, The Shark." (DKK-CA)
- KYAA CA, Soquel 10/19 0200 TOH ID "KRSK 540 Carmel Valley and KYAA 1200 Soquel." Talk programs and into CBS news after ID. Business Talk Radio. (DKK-CA)
- 1220 KSFJ CA, Palo Alto 10/25 0920 "More Than Talk" promo & ad for church in Cupertino. (BN-CO)
- 1230 KAAA AZ, Kingman was on top the heap at 2300 on 10/22 with ID as "K-Triple-A...all talk from A to Z," then ABC news. New. (LG-MT)
- KKPC CO, Pueblo 10/23 2100 presumed the one with ID as "Colorado Public Radio," hear through an unID Spanish language station. (NP-AB)

- 1290 KAZA CA, Gilroy finally after years of trying to log this with old SS romantic ballads and man announcer mentioned "Kaa-Zaa" at 2140 10/28., soon lost to KPAY as 88 watts at night directional south, so not much signal this way. (PM-OR)
- 1360 KRKK WY, Rock Springs 10/16 2225 atop with local ads, over KKMO. (DKK-CA)
- 1400 KWNA NV, Winnemucca 10/23 2051 oldies music, ad for a car dealership mentioning "Here in Winnemucca." (NP-AB)
- 1420 KITI WA, Centralia 10/16 2234 with ID atop. Oldies format. (DKK-CA)
- 1450 KGIW CO, Alamosa 10/23 2100 ID heard under KVSI "KGIW, Alamosa, all oldies, all the time." (NP-AB)
- 1480 KHQN UT, Spanish Fork 10/31 0857 area ads, all in Spanish, legal ID at 0900, then back to Radio Unica. Fair in the group. Last heard when they had the Hare Krishna format many moons ago. (JW-CO)
- 1540 KMPC CA, Los Angeles was strong at 0755 on 10/28 with "only on KMPC 1540, Sporting News Radio." QRM from a Spanish-speaker, probably KXPA. (LG-MT)
- KEDA TX, San Antonio 10/25 0838 with XE tunes, man with "Radio Jalapeno" slogans. Briefly fair over other Spanish on the channel. Haven't heard this one for a while. (JW-CO)
- 1570 KCVR CA, Lodi gave quick legal ID in English, then "En la Valle Central, 1570 AM" in Spanish at 1000 on 10/31. It was quite weak but uncontested. (LG-MT)
- CKMW MB, Winkler 10/25 0852 good over puny KHPN with Centigrade weather, call ID's, ads; at 0855 guy said "Good Times and Great Country Favorites, Country 1570 CKMW" and into, what else, a C&W tune. KHPN must have forgotten to power up, making for one of the many times they "forgot" to power down. (JW-CO)
- 1580 KWYD CO, Colorado Springs now Radio Colorado // KLMO/KSKE/KDMN, heard under XEDM 1800 on 10/27. (BN-CO)
- 1680 KYEA LA, Monroe weak, mixing with KAVT, at 0752 on 10/26. Man said "in Monroe" during local show. (LG-MT)

#### UNIDS

- 1470 10/13 0312 Spanish language format with "Radio Unica" ID noted. IS this KUTY? (DKK-CA)

Thanks to all who reported to WDXR this week!  
2100

Nancy 11/2/01

### CENTRAL DX ROUNDUP

*Editor: John C. Johnson*

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JohnJRieger@webtv.net  
<http://DX-midAmerica.com>  
Icom IC-R75, Kiwa loop, GE Superadio III, Terk AM 1000 loop.

#### DOWN THE DIAL

- 580 WTCM MI, Traverse City. 10-28 poor, alone, clear. 04:30 with Dr. Laura promo ".  
"On news talk 5-80 WTCM." Seems no one dominates 580 here. [JJR-WI]

620 CKRM SK, Regina. EX-CKCK. 11-3 strong. 16:22 with country, ID, jingle. "The home of country music, Regina's 6-20 CKRM" into song. [NJ-MT]

900 KFAL MO, Fulton. 10-27 fair, steady, CHML nulled. 19:45 with "Big 900 KFAL..." Old country format. [JJR-WI]

910 WFVA GA, Valdosta. 10-29 fair, clear, in null of others. 19:30 with "Florida Travel Information Network" spots, jingle. NEW! [JJR-WI]

960 CFFX ON, Kingston. 10-28 fair, No WSBT. 04:33 with oldies, calls. [JJR-WI]  
 KZIM MO, Cape Girardeau. 10-28 poor in WSBT nulle. 07:21 with calls into talk show. [JJR-WI]

980 WITY IL, Danville. 10-28 poor in WCUB OC due to satellite misfire. 07:11 with local spots. [JJR-WI]

1010 WFGW NC, Black Mountain. 10-29 poor, alone. 07:38 with calls. [JJR-WI]

1130 KWKH LA, Shreveport. 10-28 very good in local WISN null. 06:00 with Truckin Bozo promo, ID into public affairs program. [JJR-WI]

1140 WKWM MI, Kentwood. 10-28 good. 18:15 with "Groovin' Oldies 11-40 WKWM." All alone, maybe someone forgot to flip the switch? [JJR-WI]

1160 WKCM KY, Hawesville. 10-28 poor, clear, no WYLL. 04:00 with legal ID. New!! [JJR-WI]

1170 WLBH IL, Mattoon. 10-29 poor, WWVA nulled. 19:19 with calls at end of song. [JJR-WI]

1260 WEKZ WI, Monroe. 10-29 fair. 06:08 with "The Big E-Z 93-7." Only 19W, never heard at night here. [JJR-WI]

1270 CJTN ON, Trenton. 10-28 poor, clear, alone, no WKBF. 05:18 with "12-70 CJTN" and promo for a midday show. AdCon format. New! 1270#12. [JJR-WI]  
 WKZT KY, Fulton. 10-29 fair over others. 19:37 with long detailed weather forecast, calls. Country format. NEW! [JJR-WI]

1320 WMSR TN, Manchester. 10-27 fair until WILS fade in. 19:19 with "Cruzin 13-20" slogan, local spots. [JJR-WI]

1330 WNTA IL, Rockford. 10-28 fair, alone. 18:44 with "Groovin' Hits 13-30. The Rhythm of Rockford." Oldies R&B. [JJR-WI]

1360 KTOF IA, Cedar Rapids. 10-29 fair. 19:03 with "KW ? ? And KTOF" Weather, Contemporary Christian music. [JJR-WI]  
 WGFA IL, Watseka. 10-29 poor in with WGEE. 07:07 with "Stardust 13-60 WGFA." NOS format. [JJR-WI]

1370 KWRT MO, Boonville. 10-29 fair over others. 21:20 with calls, country. [JJR-WI]  
 WGHN MI, Grand Haven. 10-27 poor, no usual WSPD, WCCN. 19:07 with calls. Soft AC format. [JJR-WI]  
 WLLM IL, Lincoln. 10-29 poor, alone. 19:32 with calls, NOS format. Good for only 35W. [JJR-WI]

1450 WAOV IN, Vincennes. 10-29 poor though clear. 20:04 with weather, "News talk 14-50 WAOV" ID and web address www.waovam.com [JJR-WI]  
 WCPZ OH, Sandusky. 10-28 poor in mess. 03:09 with jingle. [JJR-WI]  
 WHRY WI, Hurley. 10-27 poor to fair in fade up. 22:42 with jingle, oldies. In well over 90 minutes tonight. [JJR-WI]  
 WHTC MI, Holland. 10-27 poor, popped in and out. 23:01 with baseball. [JJR-WI]

1550 KAPE MO, Cape Girardeau. 10-29 fair, dominating. 07:22 with "Cape Radio" slogan, NOS format. [JJR-WI]

1620 WTAW TX, College Station. 10-28 good in WHLY fade out. 06:59 with promo, ID. [JJR-WI]

1660 KXTR KS, Kansas City. 10-29 fair. 21:00 finally got an ID on this one. "For 40 years, Classical 16-60 KXTR Kansas City." NEW! [JJR-WI]

**UNIDs**

1090 unID 10-27 unID station very poor in KAAV null. 1923-1938 with Hot/AC format. Who has this format on 1090? [JJR-WI]

1310 unID 10-29 fair to good at times. 21:21 to 21:45 with absolutely beautiful music. Mostly instrumentals. No talking ever. Faded away. Ideas? [JJR-WI]

### 25 YEARS AGO

November 13, 1976 issue of IRCA's "DX Monitor" ... Mark Connelly of Arlington, MA told about borrowing a Space Magnet from Gordon Nelson and the improvement in reception ... Bill Harang of San Jose, CA told of his vacation to southern CA and reception of stations ... Jon Orren of Seattle, WA received a verie from WCBS ... Randy Tomer of Arcata, CA told about playing a tape of JOUB's ID amidst other Oriental speech for others to enjoy ... Steve Collins of Jacksonville, AR said he was 28 and a research analyst and speech writer for the Arkansas Legislative Council.

### OPEN MIKE

Wonder how many people in Kansas City believe 1660 KXTR has been on the air for 40 years? Who writes these promos anyway? This column was typed 11-03-01. 73, John

## EASTERN DX ROUNDUP

*Editor: Lee J. Freshwater - 414 SE 3rd St. - Ocala, FL 34471*

E-mail: ENGWTRS@aol.com

Deadlines are 8 AM SUNDAYS

### STARS OF THE WEEK

(WM-MD)	William McGuire	2412 59th Place, Cheverly MD DX-398
(MH-NC)	Michael Hardester	3118 Gateway Dr, Jacksonville, NC 2001 Toyota 4 Runner w/fender ant.
(HN-GA)	Herb Newberry	405 JH Whittaker Rd, Newborn, GA 30056-3033 Kenwood R-5000,150' lw N-S/ 150' lw E-W

### LOGGINGS

610	FL	WIOD	Miami 10/26 1906 After the news, several net. Ads, then "news talk 610, WIOD", back to syndicated talk show. Even with co-channel WPLO. Best on E-W wire (HN-GA)
640	TN	WCRV	Collierville 10/15 2115 Rel. Prgm hrd; ID (WM-MD)
	TN	WCRV	Collierville 10/26 1915 Rel. Talkshow in progress with WGST in Background. WCRV better on N-S wire, WGST on E-W (HN-GA)
710	FL	WAQI	Miami 10/26 1926 SS male speaker, mentions of Miami and South Beach. Difficult to hear w/ WOR at about even strength. WAQI Even with WOR on E-W, WOR dominant on N-S wire (HN-GA)
	GA	WUFF	Eastman 10/7 2200 C&W mx o/WOR; "The Country Giant"; "The Wold"; ID (WM-MD)
720	PA	WWII	Shiremanstown 10/08 1835 Promo for local event; GSPL mx hrd; ID; "The Rock" (WM-MD)
800	SC	WPJM	Greer 10/26 1945 HS FB on "Power 800 WPJM"; Local mentions Een on both wires, on top of slop (HN-GA)
820	NY	WWLZ	Horseheads 10/15 2100 Laura Inghram show hrd; ID; then into ABC hourly news (WM-MD)
830	NC	WTRV	Kernersville 10/26 1957 End of "Turning Point" pgm, Legal ID at TOH. Into network news. Best on E-W wire. No sign of WCCO At 2004, ID out pf news; "WTRV-The Truth" (HN-GA)
850	NY	WYLF	Penn Yan 10/15 1900 After Crystal Gayle song, ID then news. (WM-MD)
860	ON	CJBC	Toronto 10/26 2009 Jazz selections and mention of Toronto in French. Best on E-W wire with deep fades of 3-4 min. (HN-GA)

910 GA WFVR Valdosta 10/26 2020 Legal ID; Format is TIR "Florida Vacation Radio" Mentions of FL attractions. Equal on both wires, about 10 Over S-9 with occ. Fades. Good sig. (HN-GA)  
(Herb says the NRC log show the city of license to be Gainesville, FL ??? Can't be correct. Valdosta is a good 90 minute drive up I-75 !! - ed)

930 MS WSLI Jackson 10/26 2030 HS FB. Good signal, even on both wires. Night power listed as 3.6 KW (HN-GA)

950 GA WGOV Valdosta 10/26 2042 HS FB game. Good signal, must be running daytime power for games ??? (Oh they would never do something as illegal as that - ed) (HN-GA)

960 VA WFIR Roanoke 10/26 2047 "Continuing coverage on the War on Terrorism on Newstalk 960- WFIR". WRFC, Athens fading in O/WFIR then fade out back to WFIR. WRFC tending to dominate The channel. Even on both wires. (HN-GA)

1080 NC WKGX Lenoir 10/24 0640-0645 C&W mx hrd; Accented female hrd mentioning local businesses. (WM-MD)

PA WWNL Pittsburgh 10/11 1845 REL MX hrd; "New Life Road"; ID full sign off (WM-MD)

1110 VA WCKO Norfolk 10/09 1835-1840 "The Best Gospel of all time"; ID; BLK Gspl mx; gone at 1840 (WM-MD)

1130 LA KWKH Shreveport 10/16 0705 Mention of Shreveport hrd; "Sports Radio 1130- The Fan" (WM-MD)

1150 ON CKOC Hamilton 10/15 1920 "Good Times, Great Oldies"; ID (WM-MD)

1160 VA WODY Fieldale 10/23 2025 End of relig. Pgm; "Your home for Southern Gospel Music"; ID (WM-MD)

1170 NC WCLN t Clinton 1/24 1850 Tentative with Oldies (WM-MD)

1200 NC WSML Graham 10/24 1845 Ad; "You're listening to the Triad News and Information station " // WSJS (WM-MD)

1370 NC WLTC Gastonia 10/24 2000 BLK GSPL mx hrd; "Rejoice 1370"; ID // WGCD (WM-MD)

1480 GA WRDW Augusta 10/23 2200 Sporting News Radio Network; ID; ABC hourly news. (WM-MD)

1550 SC WBSC Bennettsville 10/24 1930 Oldies music hrd; ID; Promo for GSPL Music event (WM-MD)

1550 VA WKBA Vinton 10/08 1845 ID hrd in mess (WM-MD)

1620 TX WTAW College Station 10/26 2123 Local ads. Texas A&M football talk show. Slight flutter. Better on N-S wire. 10 o/s-9 (HN-GA)

1630 IA KCJJ Iowa City 10/26 2218 Break in HS FB; local ads. Dominant on E-W wire. WTEL Augusta on N-S wire. Some flutter, but good 10 O/S-9 signal. Some type of data signal in background. (HN-GA)

1640 WI WKSH t Sussex 10/16 0110 Presumed w/ Rel. MX (WM-MD)

WI WKSH Sussex 10/26 2230 Local church PSA. At 2231 male annrc. "1640 WKSH"; Back to rel. Pgm. Slow fade in and out into slop. Best On E-W wire (HN-GA)

1650 VA WHKT Portsmouth 10/26 2240. Sudden appearance of female annrc "1650-WHKT"; then NOS music. Signal in slop on E-W wire, popped in about S-9 to 10 O/s9 on N-S wire. UNIDen station in background with Sportstalk. Suspect KDNZ-IA (HN-GA)

1660 FL WMIB Marco Island 10/26 2250 Heard weather for "Alligator Alley and adj. Areas of S. Florida"; Faded in and out, giving WQSN and KRZX a "run for the money" 2255 more news items. NRC has them As NOS- have they gone Nws-Tlk?? S-9 level, best on N-S wire. (I still have them as Adlt Strnds- ed) (HN-GA)

MI WQSN Kalamazoo 10/26 2246 Heard a "WQ.." in heavy slop, Football game in progress. Good on N-S wire. S-9 level (HN-GA)



	TX	KRZX	Waco 10/26 2251 Hrd HS football game mentioning Waco. Poor Signal in back of WMIB and WQSN, a S-9 level of slop on the Channel. Better on N-S wire (HN-GA)
1670	GA	WRNC	Warner Robbins 10/26 2300 Doing a good job with slop in background Signal has that "SW fade type audio". Sounds like it's in a coffee can. // FM 96.5. Sound effect ID, a growling wildcat. 10 over S-9 at peak. Best on E-W wire. Some slop from 1680 WTIR (HN-GA)
1680	FL	WTIR	Winter Haven 10/26 2304 TIR format, tourist info. 20 over S-9 even on both wires. Suspect KRJO in background. (HN-GA)
1690	MD	WPTX	Lexington Park 10/26 2309 Sports Talk show. Better on E-W wire. 10 o/S-9, but with some deep fades. A weak signal in background. (HN-GA)
1700	TX	KTBK	Sherman 10/26 2315 Sporting News Net. Best on N-S wire with fades of 3-4 minutes. Battling it out with WEUV. S-9 level at peaks (HN-GA)
	AL	WEUV	Huntsville 10/26 2315 Gospel Music program, best on E-W wire But not as dominant as KTBK. S-7 or so at best. (HN-GA)

### HAR-TIS

A brief weekend visit to see the baby DXer to be (he doesn't know it yet!) netted a new TIS in the Raleigh area

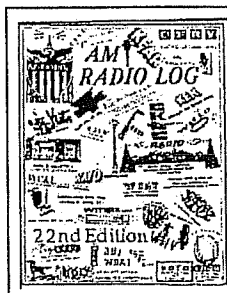
1630 WQO684 NC Raleigh area. Noted a TIS on 10/28 at 1500 along I-40 East near the Raleigh-Durham Intl Airport. Male announcer with promos for the Hurricanes and NC State Wolfpack. Mention of WRAL (Raleigh area TV stn), and a phone number of 861-CARE (presumably a Raleigh Exchange). Stations refers to itself as "Entertainment and Sports Network.." Road signs for the station noted on both I-40 East and West. Good level. (MH-NC)

Couple of general notes. First, does anyone have the current e-mail address for Bill Harms? Recent e-mail to him is bouncing back. Also, my local HARs (530, 1550, and 1610) noted today just outside Trenton, NC (where I work). About 20 air miles at 0930. Fair level. At Maysville (about 8-10 air miles) at a good lvl. Appears that power may well be 10 watts as I have been suspecting.

Note TIS info below from FCC Website

WPRS255 CENTENNIAL AUTHORITY PW  
 CCURTIS WILLIAMS EXECUTIVE DIR 9198298132  
 1400 EDWARDS MILL RD RALEIGH NC 27607

Thats a wrap for this week. Thanks to William and Mike, and Herb ... Lets hear from the rest of you !!!!!!! 73s and all the best....G.B.A. ....fresh 11/04/00....0900



### The NRC AM Radio Log, 22<sup>nd</sup> Edition

Including cross-referenced listings from 530-1700 kHz, is compiled from both listeners' reports and official sources, making it the most accurate listing of U.S. and Canadian stations available. Unbound, three-hole punched for standard binders. \$19.95 to U.S. NRC/IRCA members; \$25.95 to U.S. non-members, \$23.00 to Canadian NRC/IRCA members; \$29.00 to non-members. Airmail to NRC/IRCA members in western Europe (except Italy) and Australia, New Zealand and Japan: \$29.00. All others contact us for exact prices. Order from **NRC Publications, Box 164, Mannsville, NY 13661.** New York residents, please add sales tax.

## DX WORLDWIDE – WEST / TROPICAL BAND DX

*Editor: Patrick Martin – P.O. Box 843 – Seaside OR 97138*

E-mail: mwdxer@webtv.net

I received an e mail from Larry Godwin this week that those were mistakes for the 760/1000 XEs we reported. The calls have not changed. See below.

### PAN-AMERICAN DX ROUNDUP

- 760 MEXICO, Mexico DF, XEABC was very strong at 1201 10/4 with ID "XEABC, ABC Radio" (LG-MT)
- 1000 MEXICO, Mexico DF, XEOY had a good signal 10/15 0245-0252 with "Radio Mil" jingle. (LG-MT) (*Thanks. PM*)
- 1510 MEXICO, Monterrey, XEQI? probably the one with long periods of talking and Ranchera mx. Mention of "Cultural" and "Sistema" and "Mexicana". Extreme TVI for some reason. Unusual for here with cable and utes underground. Very AU CX tonight, maybe explains the noise level from 0235 -0305 UTC 11/6. This is listed as a 0200 s/off thought, but listed //to FM. No KGA at all tonight. (PM-OR)

### TRANS-PACIFIC DX ROUNDUP

- 153 RUSSIA, Radio Rossii here quite decent for a time at 1259.50 "Radio Rossii" ID, 5 time pips to the hour, 4 short 1 long. News at 1300, ment. of Afghanistan & Bin Laden. 11/3 (PM-OR)
- 180 RUSSIA, Radio Rossii // to 153 1306 11/3. (PM-OR)
- 234 RUSSIA, Radio Rossii // 180, 153 11/3 at 1304 (PM-OR)
- 279 RUSSIA, Radio Rossii // 153, 180, 234 1305 11/3. It is good to hear several of these Siberians back on the air again. Several have been silent for a while. I did not hear 189 or 243 though. (PM-OR)
- 531 JAPAN, Morioka JOQG fair on top with JJ talk at 1307 11/3. (PM-OR)
- 558 JAPAN, Kobe JOCR good with woman in JJ laughing and talking at 1322 11/3. (PM-OR)
- 567 JAPAN, Sapporo JOIK, weak JJ talk at 1245 11/3. (PM-OR)
- 594 JAPAN, Tokyo JOAK, good with man in JJ all night 11/3. Noted strongly at 0930 and then again at 1244. (PM-OR)
- 657 D.R. KOREA, fair to good with KK talk 1307 11/3 (PM-OR)
- 693 JAPAN, Tokyo JOAB, sounded like CC lang. lessons at 1240 11/3, weaker than 594. (PM-OR)
- 693 JAPAN JOAB Tokyo, 11/3 1119 - Male ancr in JJ with NHK2 programming, parallel 747 JOIB Sapporo. Very good signal on peaks. (GA-WA)
- 729 JAPAN, Nagoya JOCK weak with man in JJ talk at 1250 11/3 (PM-OR)
- 738 TAHITI RFO Papeete, 11/4 0718 - Fade-up from het on western Beverages to male and female announcers in FR. Fair at best. (GA-WA)
- 738 TAIWAN, BEL2 fair o/u JJ talk with woman in Taiwanese and Standard CC at 1512 11/3. (PM-OR)
- 747 JAPAN, Sapporo JOIB, very good at 1412 11/3. (PM-OR)
- 774 JAPAN, Akita JOUB, weakly than // 747 at 1414 11/3, QRM from an off channel station (het), maybe a filipino. (PM-OR)
- 792 AUSTRALIA, Brisbane 4RN good at 1530 at fade out, peaking nicely with Jazz type mx and woman ancr. (PM-OR)
- 801 TAIWAN or CHINA, CC talk in splash at 1334 11/3. (PM-OR)
- 828 JAPAN, Osaka JOBB, tuned by just in time at 1459.45 UTC 11/3, to hear "NHK..... J-O-B-B", then into NA at 1500, chimes at 1501. (PM-OR)
- 936 AUSTRALIA, Brisbane 4PB good with nx at 1403 11/3.(PM-OR)
- 954 JAPAN, Tokyo JOKR, very good with JJ pops and man in JJ at 1516 11/3 (PM-OR)
- 963 CHINA, CRI with usual RR service at 1445 11/3. Weaker than usual. (PM-OR)
- 972 REP. OF KOREA, good here at 1452 11/3 with KK talk (PM-OR)

- 1008 JAPAN, Osaka JONR, weak with woman w/JJ talk at 1433 11/3 (PM-OR)
- 1026 UNIDs, several garbled signals. Someone off channel and messing up the freq. Maybe a Filipino? at 1518 11/3 (PM-OR)
- 1035 SOLOMON ISLANDS R. Hapi Isles, Honiara, 11/4 0839 - Island drumming at tune-in; male ancr in unid. lang (Pidgin?) at 0840. Back into the noise by 0841. (GA-WA)
- 1062 PHILIPPINES, Metro Manila DZEC heard weakly with usual man talking on phone to listeners at 1520 11/3. (PM-OR)
- 1098 MARSHALL ISLANDS V7AD Majuro, 11/4 0832 - Island vocals and male ancr in pres. Marshallese between long fades into the background. Poor-fair. (GA-WA)
- 1134 JAPAN, Tokyo JOQR, fair with JJ talk at 1511 11/3 (PM-OR)
- 1134 JAPAN JOQR Tokyo, 11/3 1147 - Male ancr in JJ taking phone calls from listeners. Mentions of Tokyo noted. Good signal; weak co-channel orchestral music noted in background (possible Korea or China?). Also heard 11/4 with excellent signal at 1421. (GA-WA)
- 1143 TAIWAN, BEL3 //738 at 1512 11/3. Woman in Tawanese at this time. (PM-OR)
- 1188 SOUTH KOREA HLKX Inchon, 11/3 1152 - Bouncy female ancr in KR and orchestral KR music. Fair, with long fades. Co-channel CC lang. station hrd faintly in background. (GA-WA)
- 1278 JAPAN JOFR Fukuoka, 11/4 1437 - Strong signal of JJ female vocals and flute with orchestral accompaniment. Male and female JJ talk or advertisement 1439. (GA-WA)
- 1287 JAPAN JOHR Hokkaido, 11/3 1202 - Enthusiastic JJ ancres with play-by-play of sporting event between Hokkaido and another team. Numerous excited mentions of 'Hokkaido, Hokkaido!' Good level but with typical fades to inaudibility. Also heard 11/4 at 1445 with excellent level; presumed PBS China in background. (GA-WA)
- 1332 JAPAN JOSF Nagoya, 11/4 1449 - Excellent signal of JJ bubblegum pops and bubbly female announcers in JJ. Heavy metal JJ rock 1458, then 2+1 TPs at 1500. Possible 'Tokai Hoso' network ID 1501 during a fade in signal. (GA-WA)
- 1422 JAPAN JORF Yokohama, Nov 4 1510 - JJ rock singer with a Bob Dylan-like voice; female ancr at 1512, followed by more JJ music in a folk-rock style. Fair level, with typical fades. (GA-WA)
- 1548 AUSTRALIA 4QD Emerald, Nov 4 1519 - Two male ancres in Aussie-accented EE at tune-in; novelty pop music 1521. Mentions of the 'Australian Local Commission' 1523 as part of an ad or PSA. Anne Murray version of Beatles' 'Here Comes The Sun' at 1524. Fair-good. (GA-WA)
- 1575 THAILAND VOA Bangkok, Nov 3 1214 - Two male ancres in EG discussing economic impacts of Sept. 11th attacks, including the zero-percent financing offers from US automakers. Fair with frequent fades. (GA-WA)
- 1593 CHINA CNR1, Nov 4 1528 - CC talk by male and female announcers; brief bits of music. Noted parallel 6030 shortwave. Poor, but fair on peaks. (GA-WA)
- 1593.4 UNIDENTIFIED , Nov 4 0751 - Moderate het found here, best on SW Beverage. Who?. (GA-WA)

#### THANKS TO THESE REPORTERS

- GA-WA GUY ATKINS, Bonney Lake WA; DXing from Grayland, WA  
[dx@guyatkins.com](mailto:dx@guyatkins.com)  
 AOR AR7030 mod. w/ERGO control; JPS NIR-12  
 SW, W, and NW dual-wire Beverages at 1000 ft.
- LG-MT LARRY GODWIN, 2390 Clydes Dale Lane, Missoula MT 59804  
[lbg@selway.umt.edu](mailto:lbg@selway.umt.edu)  
 DXing with Hammarlund HQ-150 with Sanserino air-core box loop+ KIWA loop
- PM-OR PATRICK MARTIN, PO Box 843, Seaside OR 97138-0843  
[mwdxer@webtv.net](mailto:mwdxer@webtv.net)  
 DXing with Drake R8, Modified Kenwood R-1000, EWE & K9AY antennas

## DX WORLDWIDE – EAST

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E-mail: phil@radiodx.com

Deadlines are Mondays. ALL TIMES IN UTC. Thank you Mark.

### TRANS ATLANTIC

- 567 IRELAND RTE R.1, Tullamore, OCT 20 0427 - uptempo Irish show band music; good. [Connelly-MA]
- 621 CANARY ISLANDS // SPAIN RNE R.1 synchros, Santa Cruz de Tenerife et al., OCT 13 0340 - "Imagine" by John Lennon, then man with Spanish talk; fair.  
+ OCT 24 0338 - man in Spanish, then pop music; best TA during tonight's moderate aurora. [Connelly-MA]
- 1089 UNITED KINGDOM Talk Sport synchros, OCT 20 0419 - teletalk mentioned being a winner; poor. [Connelly-MA]
- 1206 FRANCE France Bleu, Bordeaux, OCT 14 0332 - "Upside Down" by Diana Ross; good. [Connelly-MA]
- 1215 SPAIN COPE synchros, OCT 15 0358 - echoey Spanish talk. [Connelly-MA]
- 1377 FRANCE France Bleu, Lille, OCT 20 0408 - 1974 disco hit "Boogie Down" by Eddie Kendricks; fair. [Connelly-MA]
- 1521 SAUDI ARABIA BSKSA, Duba, OCT 14 0335 - female Arabic vocal & violins; excellent. [Connelly-MA]
- 1530 SAO TOME E PRINCIPE VOA Relay, Pinheira, OCT 20 0350 - // 7290 with VOA news interview; poor to fair in WSAI null. [Connelly-MA]

### PAN AMERICAN

- 530 TURKS & CAICOS R. Vision Cristiana Internacional, South Caicos, OCT 27 0403 - loud with reverberated Spanish ads for a church in New York City. [Connelly-MA]
- 555 ST. KITTS & NEVIS R. ZIZ, Basseterre, OCT 24 0344 - calypso / reggae male vocal and rhythm section; to fair peak. [Connelly-MA]
- 640 CUBA R. Progreso, Guanabacoa / Las Tunas, OCT 27 0359 - R. Progreso ID, Spanish talk, and bits of classical music. [Connelly-MA]
- 720 VENEZUELA R. Oriente, YVQE, Porlamar, OCT 27 0356 - Venezuelan anthem including a children's chorus; atop CHTN. [Connelly-MA]
- 750 VENEZUELA RCR, YVKS, Caracas, OCT 24 0336 - RCR ID, talk about "beisbol"; fair to good, dominant. [Connelly-MA]
- 780 VENEZUELA R. Coro, YVMN, Coro, OCT 23 0305 - R. Coro ID, excited talk; only S-5 but over aurorally-weakened CFDR/WBBM. This station routinely hits S9+20 on Cape Cod, so the extra 90 miles up Route 3 equates to about 40 dB of attenuation ! [Connelly-MA]
- 820 ST. KITTS & NEVIS Trinity Broadcast Network, Charlestown, OCT 23 0308 - fervent preaching clearly // 7510. Was over/under WNYC. The move to 820 from 830 improves audibility of this in the metro-Boston area since, at least during aurora, interference from WNYC-820 is nowhere near as tough as that from WCRN-830. With the new arrangement, the slop from local WEEL-850 is also less of a problem. [Connelly-MA]
- 1110 VENEZUELA R. Carupano, YVQT, Carupano, OCT 25 0202 - sports coverage, advertising for local Porlamar businesses; loud, over WBT. [Connelly-MA]
- 1375.02 ST. PIERRE ET MIQUELON RFO, St. Pierre, OCT 20 0410 - emotional female vocal; excellent. [Connelly-MA]

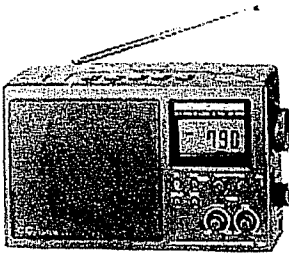
### CONTRIBUTORS

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## IRCA TECHNICAL COLUMN

Nick Hall-Patch - 1538 Amphion St. - Victoria, BC V8R 4Z6 CANADA

E-mail: nhp@ieee.org



The CCRadio has been on the market for some while now, and has been reviewed in DX Monitor by Steve Hawkins in the Nov 27, 1999 issue, by Gerry Thomas in the Dec 11, 1999 issue and Kevin Redding in the June 2, 2001 issue. There is now a more recent version of this radio, the CCRadio *plus* and the company web site (<http://www.ccrane.com/ccradio.asp>) tells us that some improvements have been made to audio quality, a signal strength meter has been added, as have audio in/out jacks, etc. Gerry Thomas and Harry Helms have sent in articles about optimizing the original model of this radio,

but if anybody has the recent model, a review would be appreciated.

### CCRadio Tune-UP

Gerry Thomas

I've been reading with interest over the past many months the complaints of some DXers regarding the CCRadio. Reports of worse than expected sensitivity, mediocre selectivity, poor strong signal handling, images of strong locals on adjacent channels, etc. have all shown up in the DX press. Every time I read one of these complaints, I think to myself, "Unless Sangean and C.Crane have made some circuit changes, that guy's radio is out of whack." I've had my CCRadio for going on two years now and, as it turns out, the CCRadio does need "tweaking" from time to time.

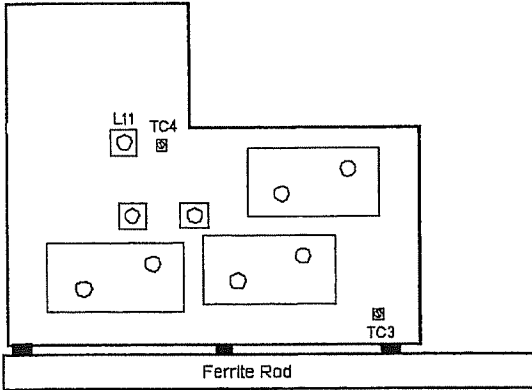
The critical adjustment components in the CCRadio aren't cemented in place with wax or Lock-tite so either through rough handling (during ownership or shipping), or perhaps just over time, there are a couple of adjustments that need to be made every so often. So after the last time I dropped the radio (that "handle" needs some work!), I decided to take some notes on what has become a relatively routine maintenance procedure I follow to keep my CCRadio operating in top form.

As it turns out, the CCRadio is quite easy to get back into alignment; much easier than earlier technology radios that required oscillator tracking adjustments and multi-stage IF tweaking. In fact, there is only one RF adjustment to make and two IF adjustments. All you'll need to do the tune-up is a Phillips head screw driver (to remove the cabinet and PCB screws) and an alignment tool (an insulated-handle jewelers flat-blade screwdriver will do).

#### The Tune-up

1. Remove back of cabinet --- Six screws (four on the corners and one each in the battery compartment and handle crease). With the radio face-down and the base towards you, carefully lift the back and rotate the top towards you, being careful not to rip out the wires attached to the back...there should be just enough slack so that you can lay the back down.
2. Unscrew main circuit board --- You should now be looking down into the guts of the radio. Locate the two screws holding down the main board (the one nearest you) and remove the screws.
3. Remove the volume control knob --- Pull straight off the knob that controls the volume.
4. Lift out main circuit board --- Carefully lift the main circuit board up and out of the cabinet (don't forget about the volume control shaft!) gently rotating the top of the board towards you. There are a slew of wires attached to the board, but you'll find that you can get the board component-side up with a little care.

What you should now be looking at is something like the following illustration:



5. Locate TC3, TC4, and L11 (they are labeled on the PCB) --- Trimmer capacitor 3 (TC3) tweaks the RF input section, and trimmer capacitor 4 (TC4) and inductor 11 (L11) centers and “shapes” the IF passband (at least that’s what they appear to do; I don’t have a schematic).

6. Plug AC cord into AC jack --- Be careful not to mess around the AC side of the radio. That is, stay away from the jack and the transformer circuitry...you know why.

7. Turn on the radio and tune to a weak to medium strength station on the low end of the band and let the radio warm up for about 10 minutes.

8. Peak TC3 --- Using your alignment tool or insulated mini-screwdriver, slowly rotate TC3 back and forth a few degrees listening for an increase in signal strength. Set TC3 to the point of greatest signal strength. Repeat the process on a high-end station to verify setting. You’re now done with the RF tune-up.

9. Center the IF passband --- Tune back to a weak to medium strength station below about 600 kHz and first adjust L11 for maximum signal, then adjust TC4 for maximum signal. (L11 and TC4 (along with a varactor diode) tune the IF stage and they interact so you have to go back and forth between them; you might want to mark or make a mental note of the original settings so that you can always return to them if you screw up.) Both of these adjustments are MINOR (<45 degrees). If your radio is working at all, you shouldn’t have to adjust these components more than 20-30 degrees---don’t over-adjust. Repeat the procedure on a station above 1500 kHz. Re-check the low-end station. Repeat the process until you get the best signal on both ends of the band (actually, where on the band you adjust shouldn’t matter; this just gives you two spots to tweak and some compromise is generally required). Note that you will hear a “darkening” of the signal as you move the IF passband across the stations’ center frequency...this is good, you want “dark and strong.”

10. Check for passband symmetry --- With the settings for TC4 and L11 you arrived at in Step 9, check a number of stations throughout the band for passband symmetry. Do this by tuning to the (center) frequency of a station, rotate the tuning knob 1 kHz above and below the center frequency listening for a slight “brightening” (a faint “hiss”) as you tune a kHz or two above and below the station’s true frequency (the station’s center frequency should be the least bright). Ideally, this “brightening” should be about the same on either side of the center frequency. Further verify passband symmetry by continuing to tune away from the station’s frequency until you lose intelligibility; it should be about the same distance (in frequency; about 5 kHz or less, depending on signal strength) above and below the station’s center frequency. If you are real lucky, things will be fine and you’ll be finished. I generally have to go back and forth between Steps 9 and 10 until I get the passband as close to perfect as I can. With a single-tuned LC circuit, you will never have perfect symmetry but do the best you can.

11. Re-install the main circuit board (don’t forget about the volume control shaft).

12. Re-assemble cabinet.

Note: When you re-check your work the next day (or after a cold start-up), realize that it takes a few minutes for the circuit to warm up...don’t panic (or swear) if the passband isn’t perfect on start-up.

There you have it. After I perform the preceding tune-up, my CCRadio is really a world-class performer. I generally do the tune-up twice a year (more often when I drop it, hi) and it always comes back a great performer. My benchmark for when to perform the tune-up is a check on channels next to my super-pest, WRNE-980, a 10 kW'er directly across the bay from me that puts a S-9+50 dB signal into my Drake R-8. In the daytime, when my CCRadio needs a tune-up, I can't DX closer than 30 kHz away from 980. After a tune-up, 960 and 1000 kHz are easy and 970 and 990 kHz are audible between the rap songs. The CCRadio is a hot little radio (yeah, a bit overpriced) that is great for domestic DX; split frequency performance would benefit greatly by a narrow filter option. If your CCRadio isn't as hot as you feel it should be, try the preceding tune-up, you might be surprised.

**One other tip** --- If your display starts acting up and the reset button won't fix it completely, remove all power to the radio for a day or two and try the reset again. This has always worked for me.

Questions are welcomed at either:  
radioplus@pcola.gulf.net or via my website at <http://www.dx-tools.com> 73...GT

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## Review of Kiwa's 3.7 kHz Filter for the CC Radio

by Harry Helms

The C. Crane Radio (CC Radio) manufactured by Sangean and offered for sale by C. Crane and other dealers is a controversial receiver among DXers because of its high unit-to-unit quality variability. Some DXers have reported such problems as 49-meter shortwave signals on their CC Radios, for example. Other DXers, such as myself, are very pleased with the CC Radio's performance as a domestic DX receiver. In side-by-side tests with an unmodified Sony ICF-2010, I have found the CC Radio to be more sensitive and have superior audio (thanks to its larger speaker and variable bass/treble controls) than the ICF-2010 and to be as selective as the ICF-2010 in the "wide" selectivity mode. If I had to use just one for domestic DX, I would chose the C. Crane.

Gerry Thomas has sent an advance copy of an upcoming article on proper alignment of the CC Radio, which should remedy many of the image problems associated with it. However, the relatively wide 6.2 kHz bandwidth of the CC Radio makes it unsuitable for DXing splits and can make listening to frequencies adjacent to your local 50 KW powerhouse an "adventure" in the worst sense of the word!

Recently, Craig Siegenthaler of Kiwa Electronics announced a new 3.7 kHz filter and preamp board for the CC Radio. This modification includes a push button switch, installed on the left side of the radio (as seen from the front), to select between the stock 6.2 kHz and new 3.7 kHz bandwidth. The preamp board supplies extra gain to compensate for filter insertion loss. Unlike the relatively simple ICF-2010 filter modification offered by Kiwa, the CC Radio modification requires drilling of holes for the push button and to mount the preamp board (Kiwa includes a drilling template) as well as more soldering. Since I'm no good working in the cramped spaces of today's solid-stage gear (that's what happens when you learn to solder on vacuum tube Heathkits!), I took advantage of the optional installation offered by Kiwa.

The modified CC Radio is at first glance almost indistinguishable from a stock unit; the push button and preamp mounting screws barely protrude from the top left of the radio. In fact, my biggest objection to the modification is how small the push button is—it took me a little while to get used to it. However, the button and board mounting both seem to be rugged and up to the jolts and bumps encountered when using this radio as a portable.

So how does it work? The preamp really does cancel out the insertion loss normally encountered when going to a narrow filter. I made no measurements, but to my ears there was no perceptible loss when using the narrow filter. By cutting the bass and boosting the treble, the audio in the narrow mode could be restored to almost the same quality as the stock bandwidth.

A good test of receiver selectivity during evenings in southern California is 680/690, where KNBR and XETRA take turns QRming each other's sports talk formats. Another good test is how clean 630 and 650 are from KFI-640 splash. In side-by-side tests with the ICF-2010, the modified CC Radio was superior in both the wide and narrow modes. This is to be expected, since the modified CC Radio gives bandwidths of 6.2/3.7 kHz compared to the 10.4/4.3 kHz bandwidths of an unmodified ICF-2010. However, these raw numbers don't give the full story, as the superior audio and variable tone controls of the CC Radio mean it is easier to recover intelligible audio, especially in noisy conditions.

The bottom line? I think a CC Radio with the Kiwa 3.7 kHz filter is a better AM DX receiver than a stock ICF-2010. The cost of a new CC Radio and the Kiwa filter modification is less than the cost of a new ICF-2010, and would represent a better dollar value if AM DX is your main interest. As mentioned earlier, Kiwa also offers narrow filters for the ICF-2010, and I suspect they would greatly narrow, or possibly eliminate, the performance advantage of the modified CC Radio. At any rate, I consider the addition of the Kiwa filter to my CC Radio to have been well worth the money; my modified CC Radio is now my primary AM receiver for portable use. I was also pleased with Kiwa's service and turn-around time on the installation work.

The 3.7 kHz filter, preamp board, push button, and mounting hardware is \$70; installation by Kiwa is \$50. Kiwa's web site is [www.kiwa.com](http://www.kiwa.com) and their mailing address is 612 South 14th Avenue, Yakima, WA, 98902, USA.

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The articles, with graphics, are posted at <http://www3.telus.net/7dx/ircatech/ccradios.pdf>

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**THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)**  
**P.O. Box 60241, Lafayette LA 70596**

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). DX Monitor, the official publication of the IRCA, is published in "soft" form 40 times a year (weekly from September to April, twice monthly from May to August) and in printed form 35 times a year (weekly September to April, monthly 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.

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**MEMBERSHIP DUES (DXM=printed DX Monitor, SDXM=soft e-mailed version)**

Destination	SDXM	DXM	DXM+SDXM
USA	\$10	\$25	\$30
Canada & Mexico (group 2)	\$10	\$31	\$36
Western Europe (group 3)	\$10	\$45	\$50
Australia/NZ/Japan (group 4)	\$10	\$46	\$51
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