

January 14, 1995 - Volume 32 - Number 18 - Edition 1044 - ISSN 899-9732

**NEW MEMBERS:** Richard Turner - No Dartmouth MA, Bill Leahy - Albuquerque NM. **REJOIN:** Dick Nelson - Simi Valley CA. **RENEWALS:** Gary Siegel - Toledo OH, John Sampson - Minneapolis MN, Peter Murphy - Bella Vista CA, Jonathan Ellis - Maple Grove MN, Thomas White - Wilmington NC, David Auld - Greymouth New Zealand. Welcome to new members Richard and Bill. Thank you all very much you keep it going.....

**IN THIS ISSUE:** DX Test....2, DX Worldwide West....3, Western DX Roundup....4, Central DX Roundup....7, Eastern DX Roundup....8, Western DX Forum....9 (this is the one that was lost in the mail), Western DX Forum....10, Verification Signers....11, Verifications from Eric Bueneman....12 (this is the last of Eric's veries), R390A Filter mod 2....15, R390A Filter mod 3....17.....

**IRCA ALMANAC UPDATERS:** Updaters 5.6 and 5.7 are available from the IRCA Bookstore 9705 Mary NW, Seattle WA 98117-2334. Updater 5.6 has the most complete listing of Travelers Information Stations (TIS) ever produced. The 32 - page listing includes every know TIS station in the US and Canada between 530 and 1710 kHz and even some on FM. Updater 5.6 also includes the FCC Allotment List for stations in the new expanded AM band. If you DX the band from 1600 - 1710 you will find this reference indispensable. Updater 5.7 features a complete 42 - page AM and FM station slogan list, plus current station lists for Tom Leykis, David Brenner, Pat Buchanan, and Larry King talk shows.

Special prices for these two updaters: \$3 each in the US, Canada and Mexico \$4 elsewhere. Please send the correct amount (in US funds) to the IRCA Bookstore 9705 Mary NW, Seattle WA 98117-2334. Thank You.....

**COMPUSERVE'S HAMNET:** Bill Hardy sends word that the HamNet forum added a new section devoted to AM - FM - TV DXing. CompuServe members can "Go HamNet" and browse Section 21, Broadcast/DX. If you have a computer and modem and you are not already a CompuServe member, you can get a free introductory membership. Call CompuServe at 1 - 800 - 848 - 8199. Ask for Representative 48 and request a stater kit which will include a free membership and a \$15 usage credit. Bill has been posting up - to - date DX tests each weekend on CompuServe and Prodigy (jump "Hobbies bb," topic "More Radio Hobbies"). Lynn Hollerman has been posting DX tests on America Online (keyword "Ham Radio," message center Short Wave Radio/AM - FM Radio DX'ing) and on FidoNet. For more information E - mail Bill at 73201.2263@CompuServe.com.

*The Soul of St. Louis*

# DX TEST BULLETIN

**\*\* DX TESTS ARRANGED BY IRCA & NRC \*\***

SUNDAY, JANUARY 15, 1995 - KUAU-1570, P.O. BOX 565, KUAU, MAUI, HI 96779 WILL CONDUCT A DX TEST BETWEEN 5:01 & 5:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. RICHARD MILLER - OWNER. NOTE: THIS TEST WILL BE REPEATED ON MONDAY, JANUARY 16, 1995. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 16, 1995 - WPWA-1590, 12 KENT ROAD, ASTON, PA 19014 WILL CONDUCT A DX TEST BETWEEN 12:00 & 12:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, AND WILL BE RUN AT 3,200 WATTS NONDIRECTIONAL. RECEPTION REPORTS MAY BE SENT TO: MR. LLOYD B. ROACH - PRESIDENT & CEO. NOTE: WPWA WILL SEND A SPECIAL QSL CERTIFICATE IN RESPONSE TO CORRECT REPORTS WHICH INCLUDE AN SASE. (ARRANGED BY THE NRC CPC)

MONDAY, JANUARY 16, 1995 - WVWI-1000, P.O. BOX 5678, CHARLOTTE AMALIE, ST. THOMAS, U.S. VIRGIN ISLANDS 00803-5678 WILL CONDUCT A DX TEST BETWEEN 2:00 & 3:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S & "EASILY IDENTIFIABLE MUSIC". RECEPTION REPORTS MAY BE SENT TO: MR. RICK RICARDO - DIRECTOR OF OPERATIONS. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 16, 1995 - KUAU-1570, P.O. BOX 565, KUAU, MAUI, HI 96779 WILL CONDUCT A DX TEST BETWEEN 5:01 & 5:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. RICHARD MILLER - OWNER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SATURDAY, JANUARY 21, 1995 - KICY-850, BOX 820, NOME, AK 99762 WILL CONDUCT A DX TEST BETWEEN 5:30 & 6:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. POWER WILL BE 10 KW USING A NON-DIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. TOM GUILLIAM - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 23, 1995 - WXRS-1590, P.O. BOX 1226, SWAINSBORO, GA 30401 WILL CONDUCT A DX TEST BETWEEN 12:00 & 12:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, AND "REGULAR PROGRAMMING", AND WILL BE RUN AT 2,500 WATTS. RECEPTION REPORTS MAY BE SENT TO: MR. JEFF WIGGINS. (ARRANGED BY THE NRC CPC)

MONDAY, JANUARY 23, 1995 - KSYG-1010, 2400 COTTONDALE LANE, LITTLE ROCK, AR 72202 WILL CONDUCT A DX TEST BETWEEN 3:15 & 3:30 AM EST. THE TEST WILL INCLUDE TEST TONES & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. NORM LARAMEE - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 30, 1995 - CFRY-920, 1500 SASKATCHEWAN AVENUE WEST, PORTAGE LA PRARIE, MB R1N 0N6, CANADA WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE COUNTRY MUSIC, VOICE ID'S & MORSE CODE ID'S. POWER WILL BE 25 KW USING THEIR DAYTIME ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. RED HUGHES - STATION MANAGER. NOTE: CFRY WILL KEEP A PLAYLIST OF SONGS PLAYED DURING THE TEST, SO REPORT ANY SONG TITLES YOU HEAR. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 30, 1995 - WAMR-1320, VENCIE, FL WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE BIG BAND MUSIC & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. LEE J. FRESHWATER (KE4QLK) - DIRECTOR OF ENGINEERING, c/o ASTERISK COMMUNICATIONS, 3357 SW 7TH STREET, OCALA, FL 34474. NOTE: MR. FRESHWATER IS A MEMBER OF IRCA. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 6, 1995 - KIYU-910, P.O. BOX 165, GALENA, AK 99741 WILL CONDUCT A DX TEST BETWEEN 5:00 & 5:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, & EASILY IDENTIFIABLE MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT C. SOMMER - GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SATURDAY, FEBRUARY 11, 1995 - WWOL-780, 1263 WEST MAIN, FOREST CITY, NC 28043 WILL CONDUCT A DX TEST BETWEEN 2:00 & 4:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, & MARCH MUSIC. POWER WILL BE 10 KW USING A NONDIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. JULIUS BLANTON ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SUNDAY, FEBRUARY 12, 1995 - KNZZ-1100, 1360 E. SHERWOOD DRIVE, GRAND JUNCTION, CO 81501 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. POWER WILL BE 10 KW USING A DAYTIME ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. DWIGHT MORGAN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 13, 1995 - KGYN-1210, P.O. BOX 130, GUYMON, OK 73942 WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S AND MORSE CODE ID'S. POWER WILL BE 10 KW. RECEPTION REPORTS MAY BE SENT TO: MR. BILL WELDON - PROGRAM DIRECTOR. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)



# DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINE: MONDAYS

FLASH TIP!!!-From DX AUSTRALIA and Chris Rogers comes information on the UNID Marshall Islands station on 1557 Khz. Chris has found out that the station is B7RR with 10KW. Station address: PO Box 1-Majuro 96960. The station manager is Mr. Arden Sorimle. Operating hours are 8:00 AM to 8:00 PM Monday thru Saturday and 8:00 AM to 3:00 PM, Sundays. Chris also goes on to mention that Radio Vanuatu is replacing their old 10KW MW TX on 1125 Khz (currently only running 3KW) with two 1KW TXers operating in parallel giving 2KW. The site is also changing from Malapoa to Emten Lagoon. There will also be another 2-1KW TXers installed at Santo on 1179 Khz carrying the National Program. Thanks for the information on this. Now on to reports. The above times for B7RR are Marshall Is. Time, UTC +12.

## PAN-AMERICAN DX ROUNDUP

- 533 TURKS AND CAICOS, strong with Christmas mx at 0900, strong in SS on 12/26. (GJ-CA)
- 595 DOMINICA, weak Christmas mx at 0630, sounded like "JBS?" maybe it was DBS, very weak with deep fades, faded after 0730, no clear IDs. Ancers inaudible, but mx in the clear. Tent. report sent. If it was Dominica, first new country in almost a yr. 12/26. (GJ-CA)
- 885 MONSERRAT, 0940 w/Christmas mx until 1000, then faded and male and female ancens w/more Christmas mx, gone by 1020, New country if it was them. Tent. report sent. On all night for Christmas??? (GJ-CA)
- 1610 ANGUILLA, The Valley-strong w/rel programming 12/26 also at 0600 to 1000. (GJ-CA)

## TRANS-PACIFIC DX ROUNDUP

- 153 RUSSIA, Komsomolsk-12/25 1230 poor w/man and woman speaking in RR Also hrd 12/24 at 1209, poor to fair w/RR talk, sounded like Nx. Komsomolsk is on the Asian mainland West of Sakhalinsk Is. (JW-OR)
- 234 RUSSIA, Arman-12/25 1223. A fair het, very weak audio with RR speech. (JW-OR)
- 550 HAWAII, Wailuku-KMVI-12/29 at 1106. Fair with static crashes, CNN Nx with ID at 1106 (JW-OR)
- 620 HAWAII, Hilo-KIPA-fair 12/29 at 1135 w/Old Nos mx under KINK talk. (JW-OR)

## THANKS TO THESE REPORTERS

- GJ-CA GARY JACKSON-7735 CENTER PARKWAY-SACRAMENTO CA 95823  
JW-OR JACK WOODS-PO BOX 1003-WALDPORT, OR 97394  
Lowe HF-225E, ALN-1 Outdoor Untuned Loop

## IRCA Stationery

Black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$4.00.

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

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117.

## IRCA Reprints

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

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



# WESTERN DX ROUNDUP

Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520-4527

  
FMFT21B

Electronic Mail: 73201.2263@CompuServe.com, Prodigy FMFT21B, or  
NancyHardy@AOL.com. E-Mail deadline: 6pm Mondays.  
WDXR DEADLINES: Every Monday. Please use Eastern Time.

## REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704  
FRG-7, box loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843  
Drake R8, 2000' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (5P) Dale Park-P.O. Box 22778, Honolulu, HI 96823  
Sangean ATS-803A, Select-A-tenna, Honda car radio
- (MS) Mark Schiefelbein-16287 N. 29th Drive-Phoenix, Az 85023  
GE Superadio III
- (DS) Dan Sys-27423-32nd Avenue-Aldergrove, BC V4W 3J3  
GE Superadio II
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115  
(PT-WA) DX'ing in Tacoma, WA with ICF-2010 & modified Palomar loop
- (TW) Ted Wendland-#1406-700 Hamilton Street-New Westminster, BC V3M 2M6  
GE Superadio
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio II, GE long-range portable, SM-2

## OF SPECIAL INTEREST

- 590 KSZZ CA, San Bernardino 12/19 0938 loud in KUGN null with Spanish, ex-C&W.  
Numerous IDs "mas musica, caballeros, en la Super Zeta" ("more music, friends,  
on the super Z"). Ex-KHTX. (RW-CA)
- 1570 CKEG BC, Nanaimo 1/2 now here simulcasting 1350. CHUB was still here 1/2 0200 & is  
now CKWV 102.3. (TW-BC)
- 540 CBK SK, Regina 12/23 0200 s/off with callsign, power, etc. and "God Save the Queen."  
Good with XEWA nulled. (MS-AZ)
- 570 KLAC CA, Los Angeles 12/12 0636 in the clear with KQNG off, satellite adult standards,  
ID "5-70 KLAC." KQNG returned to the air at 0642 smashing KLAC. (5P-HI)
- 580 KUBC CO, Montrose 12/20 2115 with play-by-play of local girls basketball. Good over  
usual KMJ and others. (MS-AZ)
- KFXD ID, Nampa 12/19 0500 with For the People, legal ID sounded like "Talkradio 58  
KFXD Nampa-Boise." Fair under KMJ. (MS-AZ)
- 590 KHAR AK, Anchorage 12/23 weather out of news at 0305, mentioned 12 degrees in  
Anchorage. KUGN QRM. (PM-OR)
- 620 KIPA HI, Hilo 12/25 2245 previously logged these guys several months ago, but  
tonight's catch is worth mentioning as they were "blasting" in with no sign of  
KINK. ID as "Rainbow Radio KIPA 620," into adult standards. (DS-BC)
- 630 KHOW CO, Denver 12/21 2000 with continous news, IDs, promo "Thanks for making the  
switch away from KOA." (MS-AZ)
- 640 KYUK AK, Bethel 12/23 0325 fair under KFI, with Christmas music, KYUK mention. (PM)
- 650 ?KYAK? AK, Anchorage 12/23 0330 with C&W music under CISL, mention of something  
coming up in Anchorage (?). (PM-OR)
- 720 KUAI HI, Eleele 12/19 0400 strong way over WGN with nice Hawaiian music, then

- apparent s/off, nothing noted after 0403. (RW-CA)
- 730 CKDM MB, Dauphin 12/19 0352 faded up on fluke reception over CKLG/KSVN with KCBS-740 nulled. Nice ID "Your country favorites, on 730, CKDM," then "Country Music Radio" with DJ Bruce Williams, faded up, then back up at 0356 with weather for Dauphin, high of -10, country music, then gone for good. Right place at right time, new! (RW-CA)
- 820 KCBF AK, Fairbanks 12/23 0315 fair-good over/under KGNW with oldies rock, IDs as "820 KCBF." (PM-OR)
- 840 KSWB OR, Seaside 12/27 0915 fair signal, some CKMA-850 splatter, weather for Oregon Coast, ID "AM 840 KSWB," into adcon oldies music. (DS-BC)
- 880 CKKC BC, Nelson 12/12 2145 fair signal in KIXI null with "The World Tonight" (a syndicated show originating at CKNW-980). Local ads, ID as "KBS" (Kootenay Broadcasting System). (DS-BC)
- 900 CKBI SK, Prince Albert 12/14 0735 fair in CJVI null with agriculture report, ID "900 CKBI," weather (a balmy minus 23C in Prince Albert), into Christmas song. (DS)
- 930 KTKN AK, Ketchikan 12/23 0250 good on top with contest promo "on 930 KTKN." (PM)
- 950 KMTX MT, Helena 12/19 0105 poor signal under KJR with weather forecast for Helena, into adult standards music. (DS-BC)
- 960 KALE WA, Richland 12/27 1940 newstalk format noted here. Formerly oldies. ID as "News Plus 960." (DS-BC)
- 990 KATD CA, Pittsburg 12/25 1000 good signal, all alone with minor CKNW-980 and KOMO-1000 splatter. Legal ID heard, into Spanish. (DS-BC)
- KRKT OR, Albany 12/27 1045 fair signal with sports report, ad for Dick Mulligan (?) Auto in downtown Albany, into C&W music. Lost to the CKNW/KOMO stop. (DS-BC)
- 1030 KDUN OR, Reedsport 12/25 1940 fair signal over/under KMAS with ID, real estate ad, into Christmas programming. (DS-BC)
- 1060 KBGN ID, Caldwell 12/18 1100 fair signal under CKMX with tail end of newscast, ID "KBGN Caldwell-Boise", detailed weather, into religion. (DS-BC)
- 1120 KANN UT, Roy 12/23 0400 with religious programs, ID "Merry Christmas from your SOS station, KANN." Excellent, with KPNW just barely there. (MS-AZ)
- 1130 KSDO CA, San Diego now airs "The Tom Leykis Show" on tape delay 2300-0300 instead of live at 1800-2200 per caller to program. (SP-HI)
- CKWX BC, Vancouver noted 12/22 with talk program about "Jeannie Eller's Actiion Reading Program" & reference to CKWX as "Total Information Radio," 12/22 1245-1300. Four other tune-ins revealed C&W again. Tried to call station when I got home to SF but their voice mail precluded my talking with a human. An ill-advised short-term format change, perhaps? (PT-WA)
- 1210 KEBR CA, Rocklin-Sacramento 12/25 1849 noted with Christmas music //KARR-1460, with KBSG nulled. (PT-WA)
- 1230 KHSN OR, Coos Bay 12/26 0935 briefly on top of the mess with sports report & "1230 KHSN" ID. Lost to KKBK. (DS-BC)
- KSBN WA, Spokane 12/26 1200 fairly strong signal over KOZI with Satellite Business programming. ID as "KSBN 1230, the Sound of Business." (DS-BC)
- 1240 KSQR CA, Sacramento 12/19 1040 good over KNRY, thanks to tip from Rich Toebe. Back on air, ex-KSAC, with Spanish. ID as "La nueva super Q, doce cuarenta" (the new super Q, 12-40). (RW-CA)
- KELK NV, Elko 12/19 0908 good over KSUE with weather, ID "Currently 16 degrees here at KELK," looking for KJCY-ID. (RW-CA)
- KXLE WA, Ellensburg 12/26 1030 poor signal fighting it out with KEJO & KGY. Cascades mountain pass road report heard, ID as "Newstalk 1240 KXLE." (DS)
- 1250 KHOT CA, Madera 12/25 2200 surprisingly good signal over KCST with legal ID "KHOT Madera-Fresno," into Spanish. (DS-BC)
- KTMS CA, Santa Barbara 12/25 2205 briefly in under KHOT & KCST with ad for Santa Barbara newspapers mentioning KTMS call letters several times in the ad. Quickly faded out. (DS-BC)
- 1270 CHAT AB, Medicine Hat 12/15 0210 fair signal in CHWK null with C&W music. "New Country 1270 CHAT" jingle heard. (DS-BC)
- 1280 CHRB AB, High River 12/15 0130 good signal over/under KIT with satellite C&W. Local ID heard "CHRB 1280 serving the Alberta foothills." (DS-BC)

- KUDY WA, Spokane 12/17 0930 poor under KIT. ID heard "Information & Inspiration AM 1280 KUDY." (DS-BC)
- 1300 KYNO CA, Fresno 12/19 0914 noted still with oldies, hasn't become SEN sports yet as I reported in my column. (RW-CA)
- 1340 KLKI WA, Anacortes 12/5 adds Westwood One's "The Tom Leykis Show" per caller to program. (5P-HI)
- 1370 KWNC WA, Quincy 12/26 1805 fair signal over KXTL with "year end" message from GM thanking listeners for making the C&W format such a success on KWNC. Into C&W music. (DS-BC)
- 1400 KJDY OR, John Day 12/14 2030 briefly faded in with ad for a jewelry store in the John Day Mini Mall followed by a KJDY jingle. Lost to the mess. (DS-BC)
- 1410 KBNP OR, Portland 12/27 1100 good signal in CFUN null with Satellite Business programming. ID "Portland Business Radio KBNP, 1410" into news. (DS-BC)
- 1500 KSTP MN, St. Paul 12/21 0800 fair in CKAY null with ad for Office Depot, ID, into ABC news. Yet another "elusive" ex-clear channel station enters the logbook. (DS)
- 1570 CHUB BC, Nanaimo 12/19 0918 good over KTGE et al with ID "1570 CHUB, it's 6:18," then Central Island weather. Hasn't moved to FM yet (CKEG-1350 moving to 1570, CHUB moving to FM). (RW-CA)
- 1600 KCRG IA, Cedar Rapids 12/18 0815 surprisingly good signal with the "Sunday Morning Polka Show." Thanks to Ted Wendland for the tip on this one. (DS-BC)
- KATZ MO, St. Louis 12/23 0405 this is sure a regular anymore, noted with "1600 KATZ" ID. (PM-OR)

#### LOCAL NEWS

- 760 KGU HI, Honolulu 12/20 running Talk America Radio network's "We the People With Jerry Brown" while usual local program "Inside Politics with Bob Rees" is on hiatus. Brown airs live here 2100-2300 (except during Monday Night Football). Incidentally, show marketer told me via phone 11/18 that Brown and TARN were still on the air even though the net lost hometown affiliate WSSH-1510, now religious per Billboard. (5P-HI)

#### DX TESTS

- 580 WIBW KS, Topeka 12/19 0200-0230 heard clearly code ID at 0205 using FRG-7 and box loop, KFXD nulled with about 90% signal gone, not bad considering I can see their towers from my roof! (FA-ID)
- (WIBW)+12/19 0220-0225 DX test tried, not heard under KMJ. (RW-CA)
- 1300 WNQM TN, Nashville 12/26 noted at 0408, 0415 & 0421 with Morse code, in well at times. Was a surprise with KMPS/CJME QRM. Called station to verify. Report sent. New. (PM-OR)
- ?WNQM?+12/26 0400-0430 tent. heard at about 0420 & 0430 bits of code under KMPS. Will send tent. taped report. (FA-ID)
- (WNQM)+12/26 0400-0415 DX test tried, not heard, only KYNO/KMPS mix as usual. Weak jumble underneath, but nothing discernible. (RW-CA)

#### UNIDS

- 1100 12/18 0013 listening KFAX, I noticed another station with talk underneath, a woman talking to a male on phone. Audible until 0017 when KFAX totally swamped it like a tsunami. Probably not WWWE since it runs ESPN at this time. Maybe KNZZ? (5P-HI)
- 1190 12/19 0812 unID good in KEX null with ID "La Super X." Suspect XEMBC Mexicali, but possibly Anaheim? (RW-CA)
- 1230 12/26 0056 reference to "KMBZ" and an ID of "KMBZ-FM" at 0100. (PT-WA)
- 1230 12/26 five time pips going in 0100. (PT-WA)
- 1260 12/27 2000 Spanish station blasting in with female DJ. The song abruptly ended at the top of the hour and they went into a newscast already in progress. No ID at all. (DS-BC)
- 1280 12/25 2230 Spanish station noted here. What are KJAX & KKAL doing these days? (DS)
- 1610 NM? 12/23 0130 TIS station with holiday greetings, mentions of tourist attractions in Sandia. My atlas shows a Sandia Park in NM. Fair, mixing with Caribbean beacon. Also heard 12/24 0200. (MS-AZ) (Probably KOP20, Sandia Peak, NM.--NH)

Welcome to Mark, our new reporter in Arizona. We hope that you will report often!

# Central DX Roundup



Editor: John C. Johnson



## FOR THE RECORD

ADDRESS YOUR REPORTS TO:

E-MAIL: JOHNJ53816@AOL.COM

SNAIL-MAIL: 979 NEPTUNE BLVD., BILLINGS, MT 59105-2129

AMERICA ON LINE: JOHNJ53816

COMPUSEVE: 74444,3075

PRODIGY: MPNN49A

REPORT ALL TIMES AS EASTERN.

DEADLINE: SATURDAYS.

## RIDING GAIN

- [TMJ-IL] **Tom Jasinski**, 419 North Raven, Shorewood, Illinois 60435-9640  
FRG-7 with Quantum loop, R390A with 2½ foot loop, Sharp QT50.
- [PAL-MN] **Paul A. LaFreniere**, P.O. Box 606, Grand Marais, MN 55604  
Zenith Transoceanic, McKay-Dymek DA-5.
- [JcJ-MT] Your editor using an Icom IC-R71A with a Radio West loop.

## DOWN THE DIAL

- 600 **WCHT** MI, Escanaba. 12/26 poor w/slop from WJMS, KDAL. 1347 with holiday greetings from various firms into Ruch Limbaugh program. [PAL-MN]
- 760 **KCCV** KS, Overland Park. 12/21 good o/WJR. 1750 with "In Touch" program the a traffic report and spot for a Chrysler dealer. [PAL-MN]
- 860 **CJBC** ON, Toronto. 12/26, KKOW dominant. 0440-0530 either off the air or running with low power (or someone else here with weak symphony music.) [TMJ-IL]
- 900 **KTIS** MN, Minneapolis. TENTATIVE. 12/22 very weak with severe splash from WLS. 1925-1931 with Christmas music then detailed weather for MN. The 1930 ID was washed out by WLS. [TMJ-IL]
- 970 **KJLT** NE, North Platte. 12/21 good. 1758-1802. Caught end of Moody Bible Institute program, then ID on the hour. Note at same time KRVN-880 and KWPN-930 were coming in. [TMJ-IL]
- 1000 **WMVP** IL, Chicago. 12/26. 0410-0445 with OC during regular MM maintenance period. A couple of weak Latins coming in. Hope they plan on being off on 1/16 for the upcoming WWVI DX Test! [TMJ-IL]
- 1010 **KSIR** CO, Brush. 12/26 fair. 0950 with CO weather and mention of current temp. at KSIR studios. [PAL-MN]
- 1040 **WHO** IA, Des Moines. 12/25. 0120-0215 with a live church service broadcast. The preaching audio was OK, but they had severe distortion when music was played. I was almost tempted to call them to get the problem corrected. [TMJ-IL]
- 1160 **WPIE** NY, Trumansburg. 12/20 good, dominating 1160. 1735 with "Blue Raider basketball on WPIE. Now more good hot country hits." [PAL-MN]
- 1240 **WCBY** MI, Cheboygan. 12/20 poor. 1500 broke through mess with ID "12-40 WCBY Cheboygan." [PAL-MN]
- 1340 **WLEW** MI, Bad Axe. 12/20 fair. 1520 with spot for Budweiser and Smith Distributing followed by a Morman PSA message. Sung ID. [PAL-MN]
- 1440 **KMED** OR, Medford. 12/27 good. 1828 with rock oldies, spot cluster. [JcJ-MT]
- 1450 **CHUC** ON, Cobourg. 12/20 fair. 1538 with outro "Richie And The Commodores on CHUC." [PAL-MN]
- KVCK** MT, Wolf Point. 12/27 on top 1450. 1835 with country music. Promo for local Athlete of Week feature and sponsor. Numerous "KVCK" mentions. Slogan "Voice Of North East Montana." [JcJ-MT]
- 1530 **WMBE** WI, Chilton. 12/26 fair. 1355 with "More Christmas music on WMBE." Spots for Chilton firms. [PAL-MN]

CDXR Continued....

1600 **WWRL** NY, New York. 12/25. 2355-0000. Good ID on the hour, also mentioned (?) **WLBQ**. As others have reported this one is getting out well. 1600 sounds like a GY, but **WWRL** came in on top! I haven't heard them in about 10 years. Hope they verify this time as they never verified my reports years ago. [TMJ-IL]

### DX TESTS

580(**WIBW**) KS, Topeka. 12/19 DX Test not heard. Spot checked 0200-0230 for the test, nothing recognizable heard. [TMJ-IL]

1300 **WNQM** TN, Nashville. 12/26 DX Test very good. 0400-0432 with sign on, talk, ID, address, gospel music, several code messages, and a sign off. Very dynamic announcer. This last DX test of the year was very well organized. Now will they verify as efficiently as they ran this test? Hope so! [TMJ-IL]

1590 **WGYJ** AL, Atmore. 12/13 DX Test poor to very good w/**WAKR**, **WONX**, and others. 0157 tune in until 04:03 tune out. Numerous code messages which included call, frequency, and city repeated over and over. This was a no-show on 12/10 and never saw a listing for this test. Stumbled onto it by accident. Unless someone else was up at this hour and also scanning the dial, I may have been the only person to hear this test! I tried to call the station using the number in the NRC log, but it's not a working number. [TMJ-IL]

### unIDs

890 unID 12/24 in **WLS** null. 1815 for first time ever had another station w/**WLS**. [TMJ-IL]

900 unID 12/22 good signal. 1855-1910 with Pete Rose Sports Show. Any ideas? [TMJ-IL]

1040 unID 12/25 unID in **WHO** null. 0120-0215 and again 0650-0710. Christmas music being played. The only ID was "This is I B S. The Independent Broadcasting Service." Too weak at top of hour for any ID. [TMJ-IL]

### 25 YEARS AGO

January 17, 1970 issue of **IRCA's "DX Monitor"**....Reid Wheeler of Aberdeen, WA mentioned he was in his 2nd year with the **IRCA** as was 27. He verified **WHAS** for state #25....Dan Sys of Vancouver, BC heard his most wanted station, **KWYZ-1230**....Don J. Kenney of Santa Monica, CA mentioned his 1954 verie from **KHVI-550** says "Territory of Hawaifi."....Marv Garber of Lincoln, NE verified state #42, HI, with two veries in the same envelope: **KIKI** and **KORL**.

### OPEN MIKE

Charm is a way of getting a "yes" without having asked any clear question. Thanks to Paul and Tom we have a Mid-January column! Tom also mentioned the **HCJB** DX Test didn't make it to **Shorewood**. 73, John.



# Eastern DX Roundup

Editor: Mark McMillan  
91 Hollis Avenue #2  
North Quincy, MA 02171

### RADIO ACTIVE INPUT

(MB-ON) Mike Booker, 99 Wychrest Ave., Toronto, ON M6G 3X8  
Panasonic RF-2200; Panasonix RFB-45

(DLR-KY) David Reitz Louisville, KY R-1000 RadioWest loop, GE SuperadioIII

### IN THE LOG

580 **WFOE** TN Rockwood 12/10 1940 C&W/Gospel mx, ID "Gospel Mx for Rockwood and surrounding counties 580 W-O-F-E" into more mx (DLR-KY)  
930 **KWOC** MO, PoplarBluff 12/10 1835 ID, wx forecast into C&W mx (DLR-KY)  
940 **WNRG** VA, Grundy 12/16 0705 gd o/nullled **CBM** w/CNN Headline Sports, ID as "The music connection for all seasons, **WNRG** Grundy" into C&W Christmas song. (MB-ON)

6



- 950 **WROL MA**, Boston 12/17 1610 gd o/WWJ w/local wx, ad for Jim Kelly's Travel Professionals (promoting travel to Ireland), ID anct: "A merry Irish Christmas from the staff and management of WROL AM 950", into White Christmas. WWJ is now the dominate pest here with CKBB gone. (MB-ON)
- 950 **WXGI VA**, Richmond 12/10 1704 briefly topped WWJ/WPEN w/end of unidentified network nx, then anct "49" in Richmond, now on AM 950 WXGI here's Merle Haggard", into C&W song. (MB-ON)
- 1070 **WIWS WV**, Beckley 12/10 1650 info on WV glass making factories, local spot for Edelbrights Bed and Breakfast in Berkley, WV tourist info no ID (DLR-KY)
- 1140 **KPWB MO**, Piedmont 12/11 1930 Gospel/C&W mx ID "1140 KPWB Piedmont" Local spots fair o/u WRVA (DLR-KY)
- 1290 **WFYN VA**, Rockymount 12/9 2040 Franklin county HS BB, local spots ID "Cable Channel 12 W-K-Y-N Sports" DairyQueen Player of the game ID w/s/off anmts (DLR-KY)
- 1360 **WHBG VA**, Harrisonburg 12/3 0758 fr o/WIXZ w/you are My Special Angel by Bobby Helms, 0800 ID as "The best oldies on AM Stereo 1360, WHBG Harrisonburg", into CNN nx. (MB-ON)
- 1370 **WLTC NC**, Lincolnton 12/10 0625 local spots WX forecast, currently 47° in Lincolnton, 46° in Gastonia into gospel mx noID. (DLR-KY)
- 1390 **WEEB NC**, Rocky Mount 12/11 1755 Caught me totally off guard w/ spanish Rancho mx, Spanish tlks. English/Spanish ID's, "AM 1390 W-E-E-B Rocky Mount NC " What gives?? Heard w/gospel/C&W mx just days ago (DLR-KY)
- 1430 **WRTH MO**, St Louis 12/11 1740 local spots wx forecast, ID "W-R-T-H Worth Radio" into Nos mx (DLR-KY)
- 1570 **WZCC IN**, New Albany 12/8 1734 fr w/ad for Christian Brothers Auto Repair at the Valley Station Shopping Center, into promo for Focus on the Family program, heard Monday-Friday at 8 AM and 10 PM on "Inspiration Radio WZCC, New Albany-Louisville". Heard as WOBS in 1989. (MB-ON)
- 1590 **WIFN MI**, Marine City 12/3 0752 fr o/WAKR & WGGO w/promo for Main Street Holiday Celebrations in downtown Port Huron, sponsored by WIFN. Heard at various times during the 80's as WSMA. (MB-ON)
- \*\*\*\*\*  
 Thanks to David and Mike for the reports. I hope the New Year brings lots of DX and good luck to all 73's from Mark N7EIJ.



## Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

### Gary Larson, 2805 Lincoln, Burbank CA 91504

Hello. This will make it after Christmas but to all of you a Merry one was hopefully had. Also to those celebrating Hanukkah, I hope you all had a very nice one. On 21 Nov, per GM KGRB-900 in a phone call, they changed to full service adult comtemp., not just big bands. Also a new console in control room was installed. Sometime back they were off for at least a day as it was put into service. The format does sound good, done live but late evenings is carrying some network feeds. Also ID's as AM-90 NBC and only does legal on the hour. Maybe some new call is to be used. I'm sure the GM would like reports esp. if far off. The number I called to talk to him is 213-686-0300. Local W Covina # is used on feeds, etc. so guess no one answers it. Mine by the way is now 818-845-8222. Thank you very much Mike Sanburn for aircheck cassette + letter! Have a great '95. 73

### Frank Aden, 4096 Marcia Place, Boise ID 83704

Have gotten some good news from the Owyhee Plaza Hotel, 1995 IRCA Convention site, they are going to make available to us 14 rooms at the special rate of only \$50 single, \$60 double. These are pool side rooms. Anyone planning to attend and wants one of these lower price rooms please make reservations as soon as possible as I suspect they will go fast (1-800-233-4611). KBSU 730 should be on their 15kw day, 500w night power by now and in AM Stereo. Please remember I have copies of the IRCA 1994 Convention Video for \$22.00. If anyone else wishes to obtain a copy please let me know as soon as possible so I can tell how many copies to make. 73



# 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

[12/13] First of all, holiday greetings and good wishes for the new year to all IRCA members. The ever-interesting industry trade paper Radio World has been buzzing lately with comments pro and con about the WOWO/WLIB situation (WLIB's owners want to purchase WOWO and trash the latter's nighttime coverage so WLIB can go full-time). Most of the "cons" have come from readers; Radio World itself is all in favor of the sale. In the 11/30 issue Editor Lucia Cobo says "forget passion for history and think about the present and the future." She feels clear-channel protection is an outdated concept, since the clears, "like most stations, make the bulk of their revenue during the day... it's not like they'll be losing money if they have to power down at night..." Allowing clear-channel stations protection at the expense of local stations, says Cobo, denies "the local station a chance to serve its community and make money also. If serving rural areas [the original idea behind powerful clear-channels] remains an important part of radio's charter, then it can best be served by letting local stations -- not the distant clear channels -- operate in their own community... a more equitable distribution of scarce spectrum to serve a larger number of people. Isn't localism what radio is all about?" Perhaps... but as Peter George of the WOWO Listeners Guild says, the more local stations go full time, the more QRM they'll create: "Nobody will listen to a station in his or her own backyard that is laced with heterodynes in the program material [well, you know what he means, hi]." By the way, the address of the WOWO Listeners Guild is: P.O.Box 1183, Randolph MA 02368-1183; e-mail: pgeorge@lucy.wellesley.edu. 73 from the Ozarks.

## Mike Sanburn, PO Box 1256, Bellflower CA 90707

Hello, I hope everyone has had an excellent holiday season. There's nothing like driving around Lakewood and Naples looking at Christmas lights while listening to old Pams Radio Jingles! The biggest news around here is the rumored call change to KNBC from KGRB-900. They are currently IDing as AM 90 NBC with KGRB legal ID at top of hour. I certainly hope they can keep their excellent nostalgia format. This is the station that Johnny Carson used to praise on the Tonight Show. The last thing we need here is yet another Spanish speaking outlet. KHTX-590 in San Bernardino has just jumped on that bandwagon by becoming KSZZ... (on the FM dial, we're losing KNAC as well.) One good point, local KXED-1540 sent me a verification letter for their DX test last January. I was able to log the WIBW-580 DX test here through the hideous QRM from KLAB and KMJ. I think that's only Kansas #3 for me. I'll be listening for WREN-1250 also. I would have suggested them for a test myself but couldn't find their address in the '94 Broadcast Yearbook. They were somewhat of a regular here a couple of decades ago. I have ordered the new NRC Log so I'll be looking forward to that as well as the IRCA Almanac. Regarding the TIS/HAR on 620, I saw their road sign on the Golden State Freeway near Glendale - clicked on the radio and heard nothing there, so I'll keep checking. Congrats to Pat Martin on his logging of WWRL-1600, and to Karl Jeter for CKWX-1130. Both excellent coast to coast catches! Curtis McMenamin's fantastic WRIB-1220 catch makes me wonder if that tone I heard there might have been them after all? (who couldn't use Rhode Island? How about a re-test, hi.) Per Tim Hall's tip I did hear the Mexican on 1290 sign off at 7 pm PST (thanks). Lots of QRM from KMEN and KHSL there. I notice KMEN, now all oldies, is using select jingles from the 1972 Pams solid-rock series. Sounds great! Just like when I first heard them. I remember a contest promo called the Missing N that had them IDing as KME. I wonder if they ever got in trouble for that? Still trying to memorize those expanded band stations. I'll echo the sentiment of others who say "Why is KFRE opting to move and reduce power?" I ran a little classified ad for IRCA in the Los Angeles Radio Guide Volume 4 - I'd like to know if any other markets have such a publication. If there's one in your area, please let me know the name and address so I can spread the word. Good DX to all. BOISE in July - the month I first logged KBO! 73.

-32-18-



SOLAR BROADCASTING CO., INC.

WSTH FM / WSTH AM

PO BOX 1640

COLUMBUS, GA 31902-1640

10



QSL

VERIFICATION  
SIGNERS

Stephen S. Howe  
9 Warner Drive  
St. Albans, VT 05478-1575  
showe@moose.uvm.edu

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

Contributors:

EB Eric Bueneman, 631 Coachway Lane, Hazelwood, MO 63042-1347  
 GVJ Gary V Jackson, 7735 Center Parkway, Sacramento CA 95823  
 FM Patrick Martin, P O Box 843, Seaside OR 97138-0843  
 TJR Thomas J Reiser, 9506 S Winchester, Apt 205, Chicago IL 60643-1109; reisert@aol.com

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
530	TIS	Penny Shelley, ExecDir	Washington Co. Travel & Coven Bur 425 South 700 East St George UT 84770	L	10	GVJ
540	WYLO		3540-D North 126th St Brookfield WI 53005	LMB		EB
558		Md. Ramizuddin Bhuiya, SeniorEng	Radio Bangladesh NBA House, Research Wing Shahabag Ave Dhaka, Bangladesh	Q	95	FM
590	KGLE	Jim McBride, GM	P O Box 931 Glendive MT 59330	L+	10	FM
600	KSJB	Harvey Van Erem	212 First Ave Jamestown ND 58402	Q		EB
620	WJDS*		P O Box 31999 Jackson MS 39286	Q		EB
675		Liang Yan	People's Broadcasting Station 19 Xing Hua Ave Huhhot, Inner Mongolia, China	L+	65	FM
760	KTLK**	Bill Harris, Eng	Entertainment & Broadcasting Svc 2950 S Birch St Denver CO 80222-6711	L	28	FM
800	PJB	Virginia Pent	Trans World Radio Bonaire, Netherlands Antilles	Q++	35	TJR
820	KORC	Matt Jarvis, Mgr	P O Box 1419 Waldport OR 97394	P	4f	FM
936	4PB	D McArdle	Australian Broadcasting G P O Box 9994 Brisbane Qnsld 4001 Australia	Q	56	FM
980	CKRM	M David Ellis, CE	2060 Halifax St Regina SK S4P 1T7	LBbc	21	TJR
1010	KDLA	Steve Donaldson, CE	P O Box 1088 DeRidder LA 70634	P	45f	FM
1090	CKRX	Tyler Everitt, CE	401 Mayor Magrath Dr, P O Box 1090 Lethbridge AB T1J 4A3	L	25f	FM
1120	KMOX	Paul J Grundhauser, Mgr, TechOps	1 Memorial Dr St Louis MO 63102-2498	LB	90	TJR
1180	KOIL	Allen Sherrill, CE	1001 Farnam-on-the-Mall Omaha NE 68102	L		EB
1200	WGNY	Shawn C McGrath, OpsMgr	P O Box 2307 Newburgh NY 12550	LB+	r	EB
	WBZY	Bill King	1906 Wilmington Rd New Castle PA 16105	Q		EB
	CFGO	Marc Germain, CE	1575 Carling Ave Ottawa ON K1Z 7M3	L		EB
1210	WILY	Eric Decker, ProdMgr		Mbc	14	TJR
1220	WRIB	Craig Healy, Eng	200 Water St East Providence RI 02914	L		EB
1290	KKAR	Allen Sherrill, CE		LB	60	TJR

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1340	KTIK	Kip Guth	5257 Fairview Ave Boise ID 83706	P	4	PM
1370	KKSJ	Steve Snell, GM	P O Box 6616 San Jose CA 95150	P	6f	PM
1490	KYCA	Al Hartzell, CE	P O Box 1631 Prescott AZ 86302	L		EB
1580	WKVO	John Marachi, CE	4401 Carriage Hill Ln Columbus OH	L+	14	TJR
1590	WAKR	Glenn Foldessy, CE	1735 S Hawkins Rd Akron OH 44320	Q	25	PM
1600	WLLS	Lloyd Spivey, Jr, GM/CE	Spinks Shopping Center Highway 231 South Hartford KY 42347	Rbc	7	TJR
1610		Marcy Bishop, Outdoor Recreation Planner	National Bison Range 132 Bison Range Rd Moiese MT 59824	LM+	6	GVJ
1620	KSSU	David Levine, AsstPD	The Apex, Calif State Univ ASI Business Off, 6000 J St Sacramento CA 95819	L	15	PM
	WPAM217	David Harpole, PublicAffairs	Lyondell Petrochemical One Houston Center 1221 McKinney St, #1600, Box 3646 Houston TX 77253-3646	L++	41	PM

WHAT was received:	L = Letter; Q = QSL card; P = Prepared card supplied by DXer; R = DXer's letter returned with statement; F = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies
WHEN the reply came:	Number of days elapsed; f = Follow-up; n = Return postage <u>not</u> used; r = Return postage returned
NOTES:	* [for this report] = See comment below; ** [for this report] = See comment below

Eric wrote that his card from WJDS-620 had the WJDX call crossed out and the WJDS call typed in [the WJDX call was transferred to 96.3 MHz, ex-WSLI-FM]. The former owner's name, New Market Communications, was also crossed out and the current owner's name, SFX Communications, typed in. Eric didn't see any mention of the call change on 620 in Robert Wien's column. Eric also notes that Craig Healy, the signer for WRIB-1220, edited a utility column, called "Top End," in the NRC's DX News in the early 1980s. It included harmonics of AM stations heard between 1600 and 1800 kHz. Patrick indicates that future reception reports to KTLK-760 should be sent to Jan Chadwell, CE, 1380 Lawrence St, Denver CO 80236. As usual, he's received veries for some amazing catches, including Bangladesh, Inner Mongolia, and the WPAM217 with 10 watts, at 1900 miles his best TIS! Thanks for the card, Patrick! I hope your shack isn't under water with all of the rain you've had! This column was prepared on 12/31/94. 73, SSH.

**VERIFICATIONS** from Eric Bueneman continued. A note from the Publisher. The verification from Eric were sent to me by Stephen Howe to use when I had some extra room. Someone had raised a question about them.....Thanks..Pub.

- 580 **CKY Winnipeg, MB:** Verification letter, signed by Sandy Tolman, Executive Secretary. Bumper sticker also enclosed. Address is Polo Park, Winnipeg, MB R3G 0L7.
- 580 **CKPR Thunder Bay, ON:** Verification letter, signed by Manfred Volbracht, Director of Engineering. 1994 calendar also enclosed. Address is 87 North Hill St., Thunder Bay, ON P7A 5V6.
- 590 **WOW Omaha, NE:** QSL card, signature illegible. Address is 615 North 90th St., Omaha, NE 68114.
- 600 **WMT Cedar Rapids, IA:** QSL card, verification letter, signed by Rick Sellers, V.P., Operations and Programming. Addresses are P.O. Box 2147, Cedar Rapids, IA 52406 and 600 North Marion Road N.E., Cedar Rapids, IA 52406.

## A DXers TECHNICAL GUIDE

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

- 1300 WOOD Grand Rapids, MI: Verification letter, signed by Donald Missad, Chief Engineer. Also sent a coverage map and program schedule. Address is 180 North Division, Grand Rapids, MI 49503-3186.
- 1320 WDMJ Marquette, MI: Verification letter, signed by Clifford J. Groth, V.P., Engineering. Dial card also sent. Address is 845 West Washington, Marquette, MI 49855.
- 1340 KNHN Kansas City, KS/KPHN Pittsburg, KS/Amoret, MO synchro: Verification letter, signed by Ed Treese, Chief Engineer. Addresses are 4121 Minnesota Ave, Kansas City, KS 66102 and 126 East Third St., Suite 1, Pittsburg, KS 66762. (Verie through Kansas City address.)
- 1340 KXEO Mexico, MO: Prepared form letter, signed by Gary Leonard, General Manager/Chief Engineer. Address is 1705 East Liberty, Mexico, MO 65265.
- 1340 KXXY Oklahoma City, OK: Two-page verification letter, signed by Britt Lockhart-N5RHD, Chief Engineer. Bumper sticker also sent. Address is 101 N.E. 28th, Oklahoma City, OK 73105.
- 1350 KRNT Des Moines, IA: QSL card, unsigned. Address is 1416 Locust St., Des Moines, IA 50309.
- 1400 KFRU Columbia, MO: Verification letter, signed by Al Germond, President. Address is 503 Old 63 North, Columbia, MO 65201.
- 1410 WIZM La Crosse, WI: Verification letter, signed by Richard Egan, Chief Engineer. Address is 432 Cass St., La Crosse, WI 54602.
- 1420 WOC Davenport, IA: Verification letter, signed by Jon Book, Chief Engineer. Also sent a "Rush Is Right" bumper sticker. Address is 3535 East Kimberly Rd., Davenport, IA 52807.
- 1440 KVON Napa, CA: QSL card and verification letter, signed by Michael Martindale-KB6RQH, Director of Engineering. Additional information also enclosed. Address is 1124 Foster Rd., Napa, CA 94558.
- 1440 WAJR Morgantown, WV: Verification letter, signed by James R. Murphy, Director of Engineering. Address is 1251 Earl L. Core Rd., Morgantown, WV 26505.
- 1450 KVOW Riverton, WY: Verification letter, signed by Lonny A. Fairfield. Address is P.O. Box 393, Riverton, WY 82501.
- 1460 WCEI Easton, MD: Verification certificate, signed by David W. Schmidt, Chief Engineer/Operator. Address is 306 Port St., Easton, MD 21601.
- 1470 WMBD Peoria, IL: Verification letter, signed by Sonya Hougham, Radio Programming. The same letter also verifies reception of WMXP-93.3. Address is 3131 North University St., Peoria, IL 61604.
- 1480 WDAS Philadelphia, PA: Verification letter and certificate, signed by William R. Sullivan-N3QMH, Chief Engineer. Keyring also sent. Address is Belmont Avenue and Edgely Drive, Philadelphia, PA 19131 (not far from WGMP/WOGL!)
- 1490 KTTR Rolla, MO: Reception report sent as the QSL, signed by Hal Seel, V.P. and General Manager. Address is P.O. Box 727, Rolla, MO 65401.
- 1500 WTOP Washington, DC: QSL card signed by Granville Klink, Jr., Engineering Consultant. Address is 3400 Idaho Avenue, N.W., Washington, DC 20016.

- 1500 **KSTP St. Paul, MN:** Verification letter signed by Norm Paetznick, Chief Engineer. Address is 2792 Maplewood Dr., St. Paul, MN 55109.
- 1510 **WJIC Salem, NJ:** Verification letter signed by Ben Ferguson, Vice President. Coverage map also sent. Address is P.O. Box 132, Salem, NJ 08079.
- 1520 **KOMA Oklahoma City, OK:** QSL card signed by Dennis K. Pharr, Chief Engineer. Address is P.O. Box 6000, Oklahoma City, OK 73153.
- 1560 **WAGL Lancaster, SC:** Verification letter signed by B. Len Phillips, Jr., General Manager. A map pointing where all the reception reports came from, station information and a copy of Paul Ormandy's report also sent. Address is P.O. Box 28, Lancaster, SC 29720.
- 1570 **WBGZ Alton, IL:** Verification letter signed by Samuel M. Stemm, General Manager. Address is 1900 Homer Adams Parkway, Alton, IL 62002.
- 1580 **WEAM Columbus, GA:** Verification letter signed by Jo Ann Buchanan, Office Manager. Address is 1714 East 280 Bypass, Phenix City, AL 36867.
- 1620 **KA2XAU Richland, PA:** Verification letter signed by Craig Baker. Address is P.O. Box 500, Richland, PA 17087.

You wouldn't believe I'd receive all these veries in such a short span of time (if you want to call 13 months short!). Next report will be much, much shorter!

73 from Eric-N0UIH

## IRCA AM-FM ALMANAC, 5th Edition. 1991 - (Reprint)

This 240 page book is a **must have cross reference** for the serious AM DXer. Within it you will find the current frequency check list, affiliates for news and talk show networks, syndicated music and religious programs, AM-FM simulcasts, station slogans, broadcasting in Canada, AM stereo, sports networks, utility stations and many articles on AM broadcasting. In addition, the fifth edition contains a section focusing on AM band foreign DXing (including a compressed IRCA Foreign DX Reference). Each list is in frequency order and many include the FM frequencies as well as the AM (great for FM DXers).

IRCA AM-FM Almanac is available loose leaf or comb bound (please specify). Prices are:

IRCA/NRC member:	US - \$13.00	Canada - \$14.00	Overseas Sea Mail - \$14.00	Overseas Air-Mail - \$17.00
non-members:	US - \$15.00	Canada - \$16.00	Overseas Sea Mail - \$16.00	Overseas Air-Mail - \$19.00

IRCA AM-FM Almanac, 5th Edition 1991 Updaters are also available from the IRCA Bookstore!

Updater 5.1 - Almanac index, AM slogans. Updater 5.2 - Satellite Music Network, Unistar/Transtar, talk updates, BRN, 1991 Baseball. Updater 5.3 - updated NFL and college football, NHL Hockey, 530/1610 TIS/Highway Radio update, Rush Limbaugh. Updater 5.4 - updated NBA and college basketball, ABC-AP-UPI-USA network lists, ESPN-SEN sports talk lists, Canadian Music networks and more. Updater 5.5 - 1992 baseball, Spanish networks, Interstate Radio Network and AM Slogan list updates.

Each IRCA AM-FM Almanac, 5th Edition 1991 Updater is 20 pages. Price \$2.00 US and Canada, \$3.00 elsewhere.

(NOTE: IRCA Almanac (third and fourth editions) are still available for \$5.00 (overseas airmail add \$2.50))

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

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117.

## IRCA Reprints

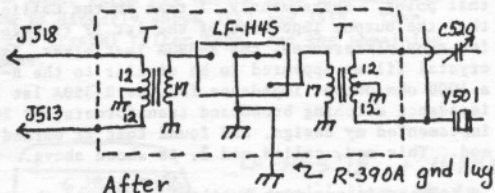
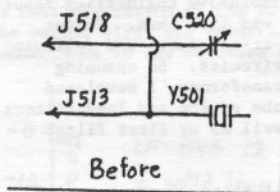
The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations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

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

## A DXers TECHNICAL GUIDE

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

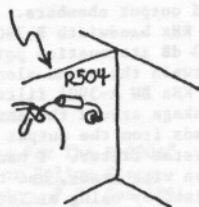
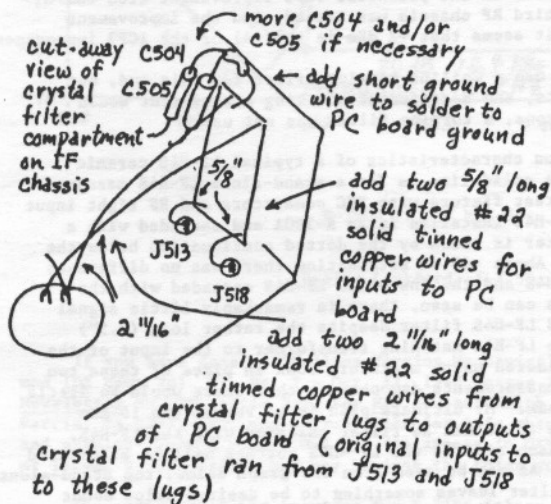
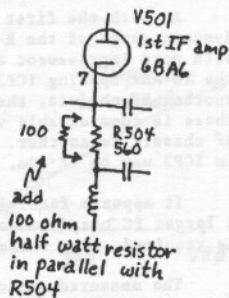
Dallas Lankford  
12 I 94, rev. 18 I 94



PC Board Layout  
(bottom view)



T = 24 turns, center tapped, and 17 turns, #26 enameled copper wire, on Amidon FT-50A-75, toroid wrapped with Teflon tape



LF-H45 ceramic filters are available from Kiwa Electronics, Attn. Craig Siegenthaler, 612 South 14th Avenue, Yakima, WA 98902, (509)-453-5492 for about \$15.

Several things caused me to rethink my R-390A torsion filter mod. First, I never liked the idea of modifying the RF chassis because any repairs or adjustments to the mod require removal of the RF chassis, a time consuming process. Second, any changes to the mod, such as developing a noise blander, would be difficult for the same reason. And third, trouble-shooting the RF chassis could require removal of the mod, which, again, would be difficult.

A much better place for adding such filters is at J518 and J513, where the 455 KHz output of the 1st IF transformer (on the RF chassis, following the last mixer) enters the IF chassis. But when I did the first filter mod, I did not know the output impedance of the 1st IF transformer, so I could not develop suitable impedance matching for filters which might be installed at that point. Subsequently, I read in the Collins R-389/R-390 Engineering Report that the output impedance of the 1st IF transformer was 1000 ohms. Except for tube differences, the R-390A last mixer, 1st IF transformer, and following crystal filter appeared to be similar to the R-390 circuits. So assuming a 1000 ohm output impedance for the R-390A 1st IF transformer, I developed impedance matching broadband transformers for 2000 ohm source and load filters, implemented my design, and found that it worked as well as my first filter mod. This mod, called mod 2, is shown above.

There is not much available space in the crystal filter compartment of the IF chassis, so I decided to use a tiny LF-H4S ceramic filter. The total number of parts required was four: the filter, two broadband matching transformers, and a PC board. Everything fit neatly on the tiny 5/8 by 1 9/16 inch PC board. As with the first mod, there is considerable loss with this mod. And like the first mod, signal loss was restored by adding a 100 ohm half watt resistor in parallel with R504 to increase the gain of the 1st IF amp.

As with the first mod, and for the same reasons, close-in (within  $\pm 100$  KHz) dynamic range of the R-390A is improved for non-crystal filter bandwidths, with more improvement as signal spacing becomes closer. For one RF chassis, the 20 KHz spacing ICP3 at 1.6 MHz was improved from -12 dBm to +2 dBm. For another RF chassis, the improvement was even greater, to +10 dBm. Apparently there is considerable variation in the potential ICP3 improvement from one RF chassis to another. A third RF chassis was tested, and the improvement in ICP3 was to +2 dBm. So it seems that +2 dBm is typical of the ICP3 improvement.

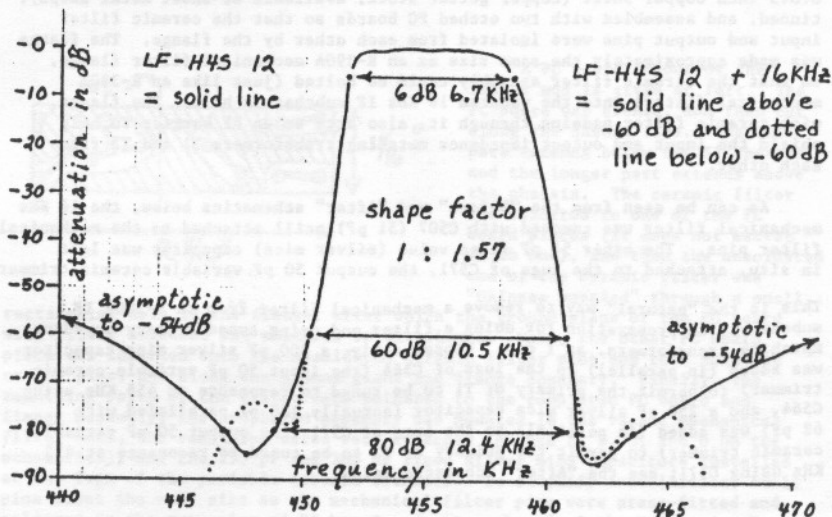
It appears feasible to use a Collins torsion filter for this mod, but a larger PC board, more parts, and a different mounting arrangement would be required. For these reasons, a torsion filter was not used.

The measured attenuation characteristics of a typical LF-H4S ceramic filter are shown below. The solid line is for a stand-alone LF-H4S measured in a carefully constructed test fixture with BNC connectors and RF tight input and output chambers. An LF-H4S installed in an R-390A and cascaded with a 16 KHz bandwidth R-390A filter is shown by the dotted continuation below the -60 dB attenuation points. Above -60 dB attenuation there was no difference between the stand-alone LF-H4S and the installed LF-H4S cascaded with the 16 KHz BW R-390A filter. As can be seen, there is remarkably little signal leakage around the installed LF-H4S filter despite the rather long (2.5") leads from the output of the LF-H4S matching transformer to the input of the crystal filter. I had considered using miniature coax in place of these two open wire leads, but these measurements demonstrate that there would be little gained by using miniature coax. My ultimate plan is to remove the 16 KHz BW filter anyway, and to use the 8 KHz BW filter cascaded with the LF-H4S, in which case the humps on each side of the LF-H4S notches will be eliminated by the 8 KHz filter skirts. As can be seen from the graph below, the stand-alone attenuation of the LF-H4S filter leaves something to be desired below about 447 KHz and above about 462 KHz, namely, the attenuation comes back up from deep notches to about -54 dB. However, when cascaded with other filters, as is done in this R-390A mod, the attenuation characteristics of the LF-H4S below about 450 KHz and about about 460 KHz are of little concern because the following filter takes over. When you use the 8 KHz R-390A BW in combination with the LF-H4S you get an outstanding 6 KHz nominal BW. Gone are the annoying 5 KHz hets which you normally get with the R-390A 8 KHz BW when tuning the SW bands. The 4 KHz and 2 KHz R-390A BWs perform about the same as before. In every way this mod is as good as the previous mod using the 6 KHz Collins torsion mechanical filters. Actually, it is better, because it is simpler to implement, and no alignment is required other than adjusting the R-390A 1st IF transformer for maximum signal with a stable signal tuned to the center of the LF-H4S passband.

The toroids must be mounted upright (as opposed to flat) on the PC board; otherwise the finished PC board will not fit into the available space. The transformer lead lengths should be kept as short as possible to minimize signal leakage by reradiation. The 5/8 inch length of the wires from J513 and J518



to the PC board and the 2 11/16 length of the wires from the PC board to the crystal filter are the lengths of the insulation, not counting additional wire length for making connections to lugs and the PC board. The input wires should be soldered to J513 and J518 first, then the PC board slipped onto those two wires and soldered. The input wires are curved into a semicircle so that the bottom of the PC board is directly above J513 and J518. Then the output wires are soldered to the crystal filter lugs, and the remaining connections to the PC board are made.



R-390A Filter Mod 3

Dallas Lankford, 1 I 95

If you have done my "Collins Torsion Mechanical Filter For The R-390A" mod (DX News Vol. 61, No. 2 - Oct. 11, 1993, pages 23-27; or Hollow State Newsletter No. 30, pages 2-8, for HSN contact Ralph Sanserino, P.O. Box 1831, Ferris, CA 92572-1831 and include SASE for info sheet), or have done my improved and simpler "R-390A Filter Mod 2," (to appear in DXN, DXM, and HSN), then my latest R-390A filter mod may be just the thing you have been waiting for.

The purposes of the previous two R-390A filter mods were to establish a 6 KHz BW as the widest BW for the R-390A and at the same time to provide a 6 KHz bandwidth for the R-390A, to increase the R-390A close-in 3rd order intercepts for all non-crystal filter bandwidths, and to protect the R-390A mechanical filters from excessive RF levels due to very strong nearby signals.

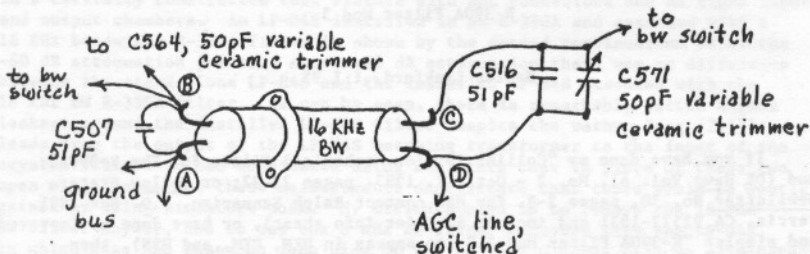
The disadvantage of those mods is that the 8 KHz and 16 KHz BW positions of the front panel BW switch provide the same 6 KHz BW. Wouldn't it be nice, I thought, if the 16 KHz mechanical filter were replaced with a 3 KHz BW filter? That would provide 2, 3, 4, and 6 KHz bandwidths for such a modified R-390A, which would be as many bandwidths as a DXer could reasonably wish for. The down side here is that the bandwidths would not be in sequential order, but I just wasn't up to the task of shifting the 8 KHz mechanical filter to the 16 KHz position, the 4 KHz filter to the 8 KHz position, and then installing the 3 KHz filter in the newly vacated 4 KHz position. Anyone who has fiddled around with the R-390A mechanical filters in the IF subchassis knows that such a project would not be a weekend project.

For a 3 KHz filter, I decided to use one of Kiwa Electronics (Craig Siegenthaler, 612 South 14th Avenue, Yakima, WA 98902, phone (509) 453-5492) CLF-D2-K filters. Putting this 3 KHz ceramic filter into an R-390A IF subchassis in place of the 16 KHz mechanical filter turned out to be a toughie. Two problems were encountered: reducing signal levels into the ceramic filter (the ceramic filter has much less loss than R-390A mechanical filters when properly impedance matched), and signal leakage. To equalize signal throughput, a resistor divider network was used ahead of the ceramic filter; see the "After" schematic below. To eliminate signal leakage, a flange was fabricated from 0.015 inch copper sheet (copper gutter stock, available at sheet metal shops), tinned, and assembled with two etched PC boards so that the ceramic filter input and output pins were isolated from each other by the flange. The flange was made approximately the same size as an R-390A mechanical filter flange, so that the ceramic filter assembly could be bolted (just like an R-390A mechanical filter) into the vacated 16 KHz IF subchassis hole. The flange, with ceramic filter passing through it, also acts as an RF barrier to help shield the input and output impedance matching transformers T1 and T2 from each other.

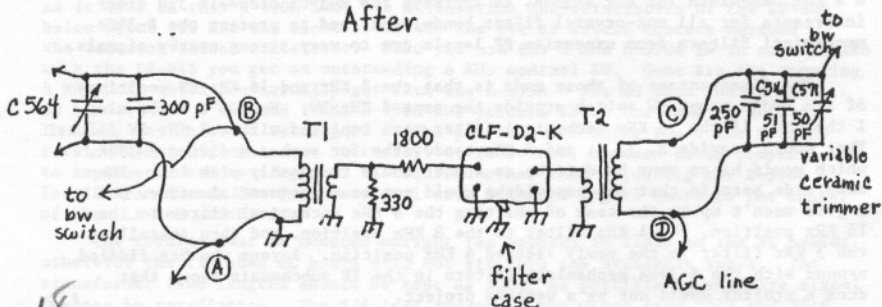
As can be seen from the "Before" and "After" schematics below, the 16 KHz mechanical filter was removed with C507 (51 pF) still attached to the mechanical filter pins. The other 51 pF fixed value (silver mica) capacitor was left in situ, attached to the lugs of C571, the output 50 pF variable ceramic trimmer.

This is the "natural" way to remove a mechanical filter from an R-390A IF subchassis in preparation for doing a filter mod using tuned silver impedance matching transformers, as I did. Consequently, a 300 pF silver mica capacitor was added (in parallel) to the lugs of C564 (the input 50 pF variable ceramic trimmer) to permit the primary of T1 to be tuned to resonance at 455 KHz using C564, and a 250 pF silver mica capacitor (actually 180 pF paralleled with 62 pF) was added (in parallel) to the lugs of C571 (the output 50 pF variable ceramic trimmer) to permit the primary of T2 to be tuned to resonance at 455 KHz using C571; see the "After" schematic below.

### Before

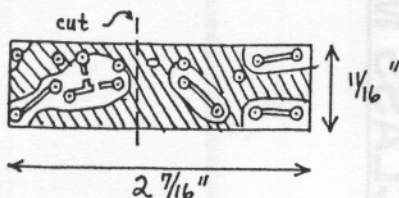


### After



T1 =  $64\frac{3}{4}$  :  $3\frac{3}{4}$  turns # 26 enameled copper wire  
on Amidon FT-50-61

T2 =  $64\frac{3}{4}$  :  $8\frac{3}{4}$  turns # 26 enameled copper wire  
on Amidon FT-50-61



A PC board layout of the filter mod is given at left. The PC board was etched, and then cut along the dashed line. The short part extends below the IF chassis, and the longer part extends above the chassis. The ceramic filter was soldered to one of the PC board pieces (it does not matter which one), and then the unsoldered end of the ceramic filter was "Chinese puzzled" through a small

rectangular hole in the flange, after which the ground plane of the PC board with filter attached was soldered to the flange. Next, the other PC board piece was inserted onto the unsoldered ceramic filter pins and then soldered at the pins, and along the ground plane and flange boundary. Finally, the remaining parts of the filter were soldered to the completed PC board and flange assembly, the completed assembly was mounted in the vacant mechanical filter hole, the remaining wires were attached (points A, B, C, and D on the schematics), and the 250 pF and 300 pF fixed silver mica capacitors installed at the lugs of the variable ceramic trimmers. To simplify installation, small pins about the same size as the mechanical filter pins were press-fitted and soldered to the two pairs of PC board pads at each end of the PC board. To conserve space, 330 ohm and 1800 ohm surface mount resistors were used (the PC board is laid out for surface mount resistors).

To align the ceramic filter input and output transformers, the variable ceramic trimmers C564 and C571 must be adjusted. Set the bandwidth shaft to the 16 KHz position, remove the mechanical filter cover (if not already removed), and with the R390A tuned to a steady signal (one of the 100 KHz calibration points will suffice), adjust C571 (the top trimmer) for maximum signal. To adjust C564 (the side trimmer), tilt the IF subchassis so that C564 is accessible through one of the circular cutouts in the side panel.

During testing of the filter mod, it was observed that signal levels through the ceramic filter slowly decreased for about an hour or so while the R-390A came up to operating temperature. This problem was traced to a "drifty" C516 (the 51 pF silver mica capacitor across the pins of the variable ceramic trimmer C571). Replacement of C516 cured this problem.

The inductance of  $64\frac{3}{4}$  turns of # 26 enameled copper wire can vary considerably from one Amidon FT-50-61 toroid to another, so it may be necessary for you to vary the value of the 250 pF or 300 pF capacitor (or both) to permit T1 and T2 to be tuned to resonance at 455 KHz. If you do not get two peaks for two different settings of the variable ceramic trimmers C564 and C571 when you adjust them, that is an indication of failure to achieve resonance, in which case you will have to tinker with the value of the 250 pF or 300 pF capacitor (or both).

Is this filter mod worth the effort? Probably not. In fact, this mod is very close to, if not, an "emperor's new clothes" mod because I have yet to find a listening situation where the 2 KHz or 4 KHz BW does not work about equally well. At best, I would not expect to find more than one or two DX situations per month where this mod makes any observable difference. And as for making something hearable that was not hearable before, it'll never happen.

FIRST CLASS  
U.S. POSTAGE  
PAID  
PERRIS CA  
PERMIT NO. 120



**FIRST CLASS MAIL**

32-34  
LEE FRESHWATER  
414 SE 3rd ST  
OCALA FL 34471  
USA

**THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)**  
**PO Box 1831 Perris CA 92572-1831**

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1720 khz). **DX Monitor**, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

**CLUB ADDRESSES AND OFFICERS**

President: Bill Hardy, 2301 Pacific Ave, Aberdeen WA 98520 (206) 532-6827 (proposals)  
Secretary-Treasurer: Ralph Sanserino, PO Box 1831, Perris, CA 92572-1831 (dues/address changes)  
Board of Directors: Shawn M Axelrod, Richard Evans, Larry Godwin, Michael S Hardester, John C Johnson (chairman), Patrick Martin and Robert Wien  
Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 1831, Perris, CA 92572-1831  
Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

**MEMBERSHIP DUES**

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 (Europe, North Africa, Middle East), \$41.00 (rest of the world). Trial Membership - \$9.50 (10 issues of **DX Monitor** and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of 1/2 dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, PO Box 1831, Perris, CA 92572-1831. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of **DX Monitor** are 29¢ (40¢ to Canada) and two International Reply Coupons each and are available from: IRCA, PO Box 1831, Perris, CA 92572-1831.

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