

February 18, 1995 - Volume 32 - Number 23 - Edition 1049 - ISSN 899 - 9732  
 \*\*\*\*\*

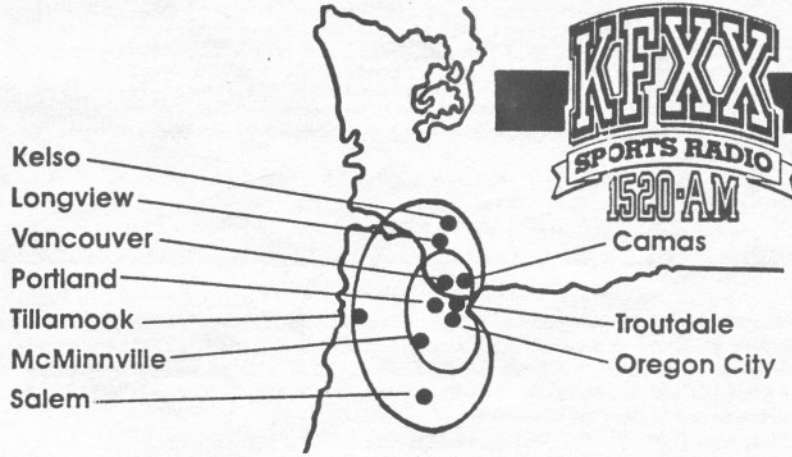
**NEW MEMBERS:** Lynn Simons - Birmingham AL. **RENEWALS:** Bill Nittler - Mancos CC, n Weislock - Spokane WA, Howard Schafer - Appleton WI, Richard Franey - Binghamton NY, Carl Huffaker - Hidalgo Mexico. Welcome to Lynn and thank you all very much.....

**IN THIS ISSUE:** DX Worldwide East.....2, Western DX Roundup.....3, Central DX Roundup.....6, Eastern DX Roundup.....8, Western DX Forum.....10, Verification Signers.....11, Eastern DX Forum.....12, Drake R8: More on improving the image rejection.....13, IRCA Mexican Log Ad.....15.....

**FLASH FLASH FLASH FLASH FLASH FLASH FLASH FLASH**  
 WDAB Digital USA moved from Cincinnati to Chicago and is testing on 1660. It is a experimental transmission and very late at night. From Patrick Martin.....

**RENEWALS: IF YOUR ADDRESS LABEL READS 32 - 23, 32 - 24, 32 - 25 IT IS TIME TO RENEW YOUR MEMBERSHIP. PLEASE RENEW EARLY**  
 \*\*\*\*\*

**FROM THE PUBLISHER:** Time to start listening for Senegal on 765 here in the West. When his sunrise is 0530 to 0630 UTC is a good time for me. I just turn on my Geoclock computer program and wait for the sunrise in Dakar. Give it a try. I have been getting a station on 520 not readable but sounds Mexican, do get some QRM from the beacon, also been getting some big hats in the evening on 885 and 1205, these are probably Montserrat and Cayman Islands. 73 Pub  
 \*\*\*\*\*





## DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINE: MONDAYS

A slow week this time around. Poor conditions apparently here in the West. Following are a few things I have heard this week.

### PAN-AMERICAN DX ROUNDUP

- 540 MEXICO, Monterrey-XEWA-very good in SS with pops and "X-E-W-A" IDs in SS at 0715 2/8. (PM-OR)  
1410 UNID, station in SS at 0810 2/8 u/o CFUN. At one point the ancr sounded like "X-E-?-?", too much QRM. (PM-OR)

### TRANS-PACIFIC DX ROUNDUP

- 594 JAPAN, Tokyo-JOAK-fair w/man in JJ at 0910 2/7. (PM-OR)  
693 JAPAN, Tokyo-JOAB-weak w/man in JJ at 0916 2/7. (PM-OR)  
702 AUSTRALIA, Sydney-2BL-fair o/unid(R. Pacific?) with tele-talk at 0935 2/7. (PM-OR)  
747 WESTERN SAMOA, Apia-2AP-fair in KXL splat w/U.S. Pops and woman ansr in EE at 0730 2/7. (PM-OR)  
774 JAPAN/FIJI, a mix here w/JJ and Hindi talk(Fiji) at 0820 on 2/7. (PM-OR)  
828 JAPAN, Osaka-JOBB-fair in splat w/JJ talk //693 0917 2/7(PM-OR)  
891 FIJI, Lautoka-Radio Fiji 2 //774 w/Hindi talk 0821 2/7.(PM-OR)  
972 SOUTH KOREA, very poor w/woman in KK, 970/980 splat at 0945 on 2/7. (PM-OR)  
1017 TONGA, good w/Island mx and woman ancr presumed in Tongan at 0710 on 2/7. (PM-OR)  
1035 NEW ZEALAND, Wellington-2ZB-w/pop oldies and NZ ancr at 0938 on 2/7. (PM-OR)

### VERIFICATIONS

- 1570 HAWAII, Kuau-KUAU- rec. nice letter from Richard Miller-Owner for report on DX Test. Mentioned that my report was the only one he could verify from the mainland. I don't know if he only received my report and no others, or others received were not verifiable. He says, they operate with 100 foot tower, no he hasn't installed Ground Radials as yet! I guess I was lucky to catch this. Address: P.O. Box 565-Kuau HI 96779. (PM-OR)

### ONE LONE REPORTER

- PM-OR YOUR EDITOR  
Drake R8-Term. 200' LW-Ground system.

## Sunrise/Sunset Maps

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

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

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

# WESTERN DX ROUNDUP



Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520-4527

★ PRODIGY  
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.

Anniversary Issue Deadline: Monday, Feb. 27.

## REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704  
Modified Yaesu FRG-7, modified Radio Shack TRF, Sony SRF-42 AM stereo  
Walkman, 45' longwire N-S, 180' L-longwire, 4' box loop
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801  
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520-4527  
Yaesu FRG-7, Radio West loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823  
FRG 8800, KIWA loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843  
Drake R8, 2000' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (RM) Roy Miller-Marysville, WA 98271  
Sony SW-1 with Radio West ferrite bar, Yaesu FRG-7 with Space Magnet
- (RJO) Rod O'Connor-P.O. Box 3488-Kodiak, AK 99615-3488  
1983 GE Superadio and 4' loop
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707  
GE Superadio II
- (DS) Dan Sys-27423-32nd Avenue-Aldergrove, BC V4W 3J3  
GE Superadio II
- (TW) Ted Wendland-700 Hamilton St. #1406-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

- 620 KOTK OR, Portland 2/6 0800 call and format change, ex-KINK adult rock/jazz simulcast.  
Now all-talk "SuperTalk," many syndicated shows including Imus in the Morning.  
(PM-OR)
- 700 KVRG CA, Soledad 1/30 0900 good signal with KFAM nulled, ID on hour // KBRG-104.9  
as "KBRG-KVRG." Called KBRG, found out 700 changed over to KVRG-AM  
about 3 weeks ago. Call change, ex-KSUR. (RW-CA)
- 1550 KQFN ND, West Fargo 1/26 2300 heard using this call, not KQHK mentioned in 1/21/95  
DXM. Man said, "Sports radio 1550, the Fan, KQFN, West Fargo-Fargo-  
Moorehead." Then CNN News. Ex-KQWB. (LG-MT)
- 1580 KSSU CA, Sacramento 1/30 campus station noted moved here from 1620 kHz. Still 2  
watts. (GJ-CA)
- 530 KOD773 WA, Port Angeles 1/27 1215 female voice "Welcome to Olympic National Park...  
this is station KOD773." Included park hours, ski info, etc. New. (TW-BC)
- 610 KRTA OR, Medford 1/31 1500 with ID, ex-KYJC. (PM-OR)
- 620 KIGS CA, Hanford 1/23 2015 fair signal over/under KINK with Spanish talk and ads with  
numerous mentions of Fresno and Hanford. (DS-BC)

- 630 KWRO OR, Coquille 1/28 0035 atop everything else on channel with Coquille Red Devils vs. Myrtle Point Bobcats basketball play-by-play. (TW-BC)
- 650 CKOM SK, Saskatoon 1/25 2245 surprisingly strong in CISM null with Saskatchewan lottery numbers, local ads, "65-CKOM" ID, into contemporary hits format. One of the few remaining original Top 40 "holdouts" on the AM band. (DS-BC)
- 690 KRCO OR, Prineville 1/28 1045 poor signal in CBU null with Central Oregon high school scores and local ads. (DS-BC)
- 700 ?KGRV? OR, Winston 1/29 0755-0803 in Spanish, when man ID'ed in English. Haven't heard it in Spanish before; change? (LG-MT) (Larry, Bill wonders if you really heard KVRG? See "Of Special Interest" above.—NH)
- 730 KBSU ID, Boise 1/30 0800 fair signal with legal ID (along with ID's for several other AM & FM stations). (LG-MT)
- 770 KKOB NM, Albuquerque 1/29 1000 under KATL. Man clearly said KOB; slip of the tongue? Stronger 1/30 0957 with ID as "Super Talk 770, KOB." (LG-MT)
- 830 KUYO WY, Evansville 2/1 0958 very strong with ID as "Christian Country, KUYO." Apparent same format as KPOZ-1590. (LG-MT)
- 840 WPRX988 CA, Belvedere new station is located at the police station, 450 San Rafael Avenue, Belvedere 94920. Just raised antenna to 40 feet so should get out even more. (GJ-CA) (Date/time??—NH)
- 890 \*KDXU\* UT, St. George 1/30 0347 off with OC. (RW-CA)
- 910 ?KECR? CA, El Cajon 1/30 0358 possibly the one under XEAO/KOXR with religious program from Family Bible Ministries, faded out before ID. Is this KECR's format, are they on at this time? (Bill says KECR carries the Family Radio religious feed.—NH)
- (KNEW) CA, Oakland 1/30 0340-0425 noted totally off again, didn't check last MM, maybe new weekly SP? (RW-CA)
- 920 KVEL UT, Vernal 1/30 0100 armchair level while listening for CFRY test. Had love songs dedication show with lady DJ. Numerous ID's and music by Looking Glass. KORK off?? (MS-CA)
- +1/30 0100 ABC Info news, then into local ads and MOR music. Most dominant station on frequency while looking for CFRY test. (FA-ID)
- CKCQ BC, Quesnel 1/28 1000 strong atop KXLY with local newscast narrated by Cindy White. No ID on the hour; I phoned station to confirm. (LG-MT)
- 1230 KDIX ND, Dickinson 1/27 2248 with preview of O.J. Simpson trial and mention of CBS News, call ID. (LG-MT)
- KSJK OR, Talent 1/26 2300 "McNeil-Leher News made available by a grant from .... on KSJK Talent and KAGI Grants Pass, Information Service of OSU," then lost in mix of stations and static. New. (TW-BC)
- CIYR AB, Hinton 1/21 0901 ID nicely atop in network. Net ID included another on 1230, CKYR1; that one is listed as 50 watts, so guess I'll settle for CIYR! (RM-WA)
- +1/25 0745 strong signal on top of frequency with ad for "Happy Hour" at the Hinton Hotel, ID "Good Time Oldies on YR Radio," into satellite oldies. (DS-BC)
- 1240 K SMA CA, Santa Maria 1/30 1017 way on top with weather for Santa Maria. (RW-CA)
- 1290 KZBQ ID, Pocatello 1/30 0500 C&W music, ID "This is KZBQ AM & FM, Pocatello, Idaho Falls, Blackfoot." Weak to fair. (PM-OR)
- 1340 KIHR OR, Hood River 1/29 1000 faint ID heard under KLKI, "KIHR Hood River, affiliated with Mutual and Westwood One." (DS-BC)
- 1400 CIOR BC, Princeton 1/27 0350 Good Time Oldies "on OR rad o." A rare moment with no CFUN-1410 splatter! New. (TW-BC)
- 1420 KITI WA, Centralia-Chehalis 1/28 0145 local spots, "Twin Cities weather," into Foreigner song. Haven't heard these guys in years. (TW-BC)
- 1450 KAYO WA, Aberdeen 1/26 2345 promo for KAYO bumper stickers, "win prizes from KAYO AM & FM." New. (TW-BC)
- 1480 KBMS WA, Vancouver 1/26 2340 a brief moment of no slop from CJVB-1470 with PSA that included call letters, then local spots. New. (TW-BC)
- 1490 KWAC CA, Bakersfield 2/1 0200 top-of-hour ID by female, "This is KWAC Bakersfield, California." Faded up over KRKC and others briefly. (MS-CA)
- KEYG WA, Grand Coulee 1/24 2000 good signal mixing with KENE, C&W music, legal ID, into NBC News. (DS-BC)

- KTEL WA, Walla Walla 1/28 0900 briefly on top of frequency with C&W music and legal ID. This is the 16th station I have logged on 1490 since Sept. 1994. (DS-BC)
- CJPR AB, Crowsnest Pass 1/28 2300 strong signal with play-by-play of Lethbridge Hurricanes-Red Deer Rebels hockey, // CJOC-1220. New. (TW-BC)
- 1560 WPAD KY, Paducah 2/2 0700 totally dominant with WPAD News. (PM-OR)
- 1570 CKTA AB, Taber 1/28 0140 strong atop CKEG with promo for CKTA Community Events Cruiser, "Today's Best Country, 1570 CKTA." (TW-BC)  
+1/28 1500 running local news, fantastic signal for the afternoon! (FA-ID)
- 1580 CBPK BC, Revelstoke 1/28 2225 alone on channel with weather for Rogers Pass, Calgary and Southern BC. (TW-BC)
- 1590 WAKR OH, Akron 2/1 0615 good on top with "1590 WAKR" news, no sign of KPOZ. (PM)
- KYOK TX, Houston 2/2 0434 logged poorly in mess with spots and "KYOK" mention. Taped and reported. (PM-OR)
- KPOZ WA, Seattle 1/31 1400 weak but readable signal, not bad for afternoon reception. "The New 1590," country. (FA-ID)
- 1600 KNWA AR, Bellfonte 2/2 0705 fair on top of channel with ID and Arkansas Radio Network. New. (PM-OR)
- WWRL NY, New York 2/1 0512 fair over others briefly with "16-WWRL," into Black Gospel. (PM-OR)
- 1700 TIS CA, San Diego 1/30 0802 weak but all alone with promo. Announcer said to contact station at (I believe) 619-525-3282, or at San Diego address. (LG-MT)
- 1760 KTMT OR, Phoenix 2/3 0445 second harmonic of 880 heard fair with all-news. (PM-OR)

#### LOCAL NEWS

- 1320 KXRO WA, Aberdeen 2/1 added slogan, "Grays Harbor's Radio Original." (BH-WA)

#### DX TESTS

- 920 CFRY MB, Portage La Prairie 1/30 0109:30 caught Morse Code repeated several times. Very poor eastern conditions. Taped report sent. New. (PM-OR)  
+1/30 0120 much to my surprise this DX test made it loud and clear with no sign of KXLY or CKCQ. Female DJ said "It's 22 minutes after midnight, this is a special broadcast going out to the IRCA," Morse Code, into C&W, voice ID at 0130 followed by more Morse Code and C&W. (DS-BC)  
+1/30 0131 absolutely alone with closing announcement of IRCA test, and code. Where were they earlier, and where was KXLY? Not complaining; glad to hear my 2nd test of season. CFRY verified years ago on 1570 kHz. (RM-WA)
- ?CFRY?+1/30 0100-0130 may have heard some code but unable to ID in mess. I would have thought this would have been an easy one. (FA-ID)
- (CFRY) +1/30 0100-0130 DX test did not make it here, much to my surprise and disappointment. I thought they would have been an easy catch. (RJO-AK)  
+1/30 0100-0130 DX test not heard. (MS-CA)  
+1/30 0110-0130 DX test tried, not heard, too much KLOC/KQLO/KXLY on frequency with KNEW-910 nulled. (RW-CA)
- 1320 ?WAMR? FL, Venice 1/30 0155-0200 may have been the tones heard. Phoned station, chief engineer running test. Said it may have been them, so I sent a tape. I'm keeping my fingers crossed. (PM-OR)  
(W:AMR)+1/30 0130-0200 nothing heard. (FA-ID)

#### UNIDs

- 950 1/28 0930 very strong signal in KJR null with automated C&W. Had them in for a good half hour and all they would say is "Country 95" and "The New 95." No ads, no talk, no clues!! Possibly CFAM? (DS-BC)
- 1580 2/1 0715 station mixing with KCWW, sounded all news. Off east Beverage. KRZI? They've been heard here in the past. (PM-OR)
- 1580 2/1 0720 Black Gospel station mixing with others, way under KCWW, etc. (PM-OR)
- 1580 2/1 0725 southern Gospel music station mixing with others. (PM-OR)

Don't forget to make reservations for the Boise convention July 14-15-16. We will be there, and hope that you can make it too.

# 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

COMPU SERVE: 74444,3075

PRODIGY: MPNN49A

REPORT ALL TIMES AS EASTERN.

DEADLINE: SATURDAYS.

ANNIVERSARY ISSUE DEADLINE: NEXT SATURDAY, FEBRUARY 25TH!

## RIDING GAIN

- [SA-MB] **Shawn Axelrod**, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9  
Icom IC-R70 w/PLAM board & 4kHz filter, 4-foot box loop, Quantum loop, 100' wire.
- [JE-MN] **Jon Ellis**, Maple Grove, MN  
GE Superadio III+, Select-A-Tenna.  
E-Mail: Prodigy: JSPT27B Internet: JSPT27B@prodigy.com
- [TJR-IL] **Thomas J. Reiser**, Box 5203, Chicago, IL 60680-5203  
E-Mail: Internet: reiser@firefly.prairienet.org America On Line: ReiserT  
Sony ICF-2003 with built-in antenna.
- [JJR-WI] **John J. Rieger**, 801 Sherman Avenue, South Milwaukee, WI 53172  
Drake SW8 with Kiwa Loop. Kenwood R-1000, Icom IC-R70 with Kowolski Loops.  
Panasonic RF2900 w/Radio West Loop. RF2200, Realistic DX 380, GE Superadio.

## SPECIAL INTEREST

- 1550 KQFN **ND**, West Fargo. **EX-KQWB**. 1/29 good. 1649 with weather for the Fargo, Morhead area. Polka music and CNN News. Several IDs as "15-50 Stereo KQFN Sports Radio" or just "KQFN." This seems to be a call change different than that listed both in IRCA and NRC publications as KQHK. [SA-MB]  
{Shawn, Larry Godwin-MT said he heard this as KQFN, your report of KQFM might be in error? KQFM is 99.3 Hermiston, OR. John}

## DOWN THE DIAL

- 710 KEEL **LA**, Shreveport. 2/1. 1939 with talk, ID "7-10 Keel." Promo for The Simpsons "...on FOX 33." (Channel 33 in Shreveport.) [JE-MN]
- 710 KDWN **NV**, Las Vegas. 2/1 good o/WGN. 1947 with talk format, "You're on the air at KDWN." New for me, NV#1! [JE-MN]
- 750 KJEL **MO**, Lebanon. 2/1 fair to good. 1801 with country, dual legal ID for "KJEL" and "KIRK 103.7." Local news. [JE-MN]
- 920 CKNX **ON**, Wingham. 1/28 poor but clear w/WOKY nulled. 2235 with PSA, weather, and "9-20 CKNX" slogans. [JJR-WI]
- 990 WCMF **NY**, Rochester. **EX-WNYR**. 1/29 fair and steady o/u/CKIS. 0900 with sports talk, full ID into news. [JJR-WI]
- 1100 KLLL **MO**, Webb City. 2/1 weak to fair. No sign of WWWWE. 1829 with preaching followed by a spot and ID. [JE-MN]
- 1160 WBND **KY**, Florence. 1/28 fair and clear. WJJD nulled. 2304 with full ID following song in satellite fed NOS format. New for me. [JJR-WI]
- WOBM** **NJ**, Lakewood Township. 1/29 clear but poor o/u/others w/WJJD nulled. 0036 with "WOBM AM" IDs and satellite NOS. New for me. [JJR-WI]
- WPIE** **NY**, Trumansburg. 2/1 with KSL and WJJD. 2029 with JSN country format. ID "We're hot, we're fresh, we're Pie." This one has been widely heard lately. Are they "forgetting" to power down? [JE-MN]

CDXR Continued.....

- 1340 **WLDY** WJ, Ladysmith. 1/27 poor in mess. 0920 with morning news and local sports news. Very very localized. Most wanted, new logging for me. [JJR-WI]  
1370 **KWRT** MQ, Boonville. 1/28 fair, rare here. 0800 with oldies music, full ID, news. [JJR-WI]  
1440 **KMAJ** KS, Topeka. 1/30 with local KQRS nulled. 1956 with ID "This is AM 14-40 KMAJ" into Talknet. [JE-MN]  
1550 **WHIT** WJ, Madison. 1/30 good w/KFST. 0858 IDing as "The team sports radio AM 15-50 WHIT." Seem to be all sports these days. [SA-MB]  
1590 **WAKR** QH, Akron. 1/23 fair with WONX. 0000 with legal ID into news. [TJR-IL]

#### DX TESTS

- 920 **CFRY** MB, Portage La Prairie. 1/30 DX Test. 0100 with code and voided IDs. Country music selections. [TJR-IL]  
+1/30 DX Test excellent here. Code IDs at 0100, 0108, 0115, 0122, and 0130. Lots of country music between. At 0052 they announced that there would be a special test for the IRCA. I suppose to keep the loyal listeners from wondering what was going on. The host was "Rosa." [SA-MB]  
1010 **KSYG** AR, Little Rock. 1/13 DX Test came in good and on top. 0315-0330 with voice and code IDs. [JE-MN]  
1320(WAMR) FL, Venice. 1/30 DX Test not heard, blocked here by WLLS and WKAN. WKAN is a regular daytime signal here. [TJR-IL]  
+1/30 DX Test not heard, only KELO and KOZY. Both playing oldies. [SA-MB]  
1590(WXRS) GA, Swainsboro. 1/23 DX Test not heard here. [TJR-IL]  
+1/23 DX Test not heard, only KWBG and KVGB. Still no test on 1590 heard here this year! [SA-MB]

#### 25 YEARS AGO

February 21, 1970 issue of IRCA's DX Monitor....New member Stephen Howe of Great Neck, NY said he was 15 and had logged 21 states....New Member Gary Hamer of Waterloo, IA said he was 15 and had logged 32 states....Kevin L. Slater of Salem, OR told of his visits to 4 Portland, OR stations on 2/12... Reid Wheeler of Aberdeen, WA logged state #26 with KMOX.

#### OPEN MIKE

The truth is more important than the facts. John Rieger says his new Kiwa loop is really something else. He logged 7 new stations in his first two sessions. Meanwhile, Jon Ellis logged a new state, and he said he logged his first South Americans on 1/30. Nice work! 73, John-John.

*Classic Gold ♦ Great Oldies*

# 65 GKOM

**PROUD  
TO SERVE  
SASKATCHEWAN'S  
LARGEST LISTENING  
AUDIENCE!**



# Eastern DX Roundup

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

## RADIO ACTIVE INPUT

- (MB-ON) Mike Brooker, 99 Wychrest Ave., Tronto, Ont M6G 3X8  
Panasonic RF-2200; Panasonic RPB-45
- (BC-NH) Bruce Conti Nashua, NH ICF-2010 w/Kiwi filters, MWDX-5, 30m 1w  
23m SE sloper (bc@lexicon.com)
- (LF-FL) Lee J Freshwater, KE4QLK 414 S.E. 3RD ST Ocala, FL 34471  
Hammarlund HQ-145A Patomic FIM-41, 100'1w, NS, IRCA loop.
- (LH-AL) Lynn Hollerman 514 Carrsbrook RD Huntsville AL 35803  
GE Superadio III, DX-440 w/ MFJ-956 tuner and 70'1w
- (DR-KY) David Reitz Louisville, KY R-1000 Palomar loop
- (JD-AL) JD Stephens 1155 Old Monrovia, #3E Huntsville, AL 35806-3510
- (WPT-DC) William Townshend Apt 901 4500 Conn Ave NW, Wash, DC 20008-4326  
Sony ICF 2010
- (WW-MA) William Wyllie 95 Peck St Franklin Ma 02038-2217, DX390, indoorant
- (KZ-NY) Karl J Zuk 154 OLD Post RD North, Croton-on-Hudson, NY 10520-1932  
GE 400"all american five " Delco car Radio.

## IN THE LOG

- 540 CBEF ON, Windsor. 1/27 1800-1820 Fair at times w/ff prog, news and  
commentary. Lots of "ICI Radio Canada" ID's. (JD-AL)
- 540 CBGA1 PQ, New Carlisle 1/30 2105 good, CBC-French net pgm, noticeable  
echo caused by delay mixing with CBEF on the same network. (BC-NH)
- 54C WADK GA, Columbus 1/22 2145 w/Talk show u/WGTO (interesting pgm w/bobby  
Darin's son) Good ID at 2200" This is the Best Talk, the legend  
WDAK" Tough for me due to WGTO-Pine hills. (LF-LF)
- 570 KLIX TX, Dallas 2329-2332 1/16 Talknet, ads, ID 2332, back to Talknet.  
Is this ex-KLIF?. (LH-AL)
- 590 WVLK KY, Lexington 1/17 1741 Wx from TV-7 into Paul Harvey, good sig  
for about 5 min then gone. (LF-FL)
- 610 WTVN OH, Columbus 1/22 2127 w/wx "Here on news radio 610 WTVN" Hvy  
QRM.. possibly into TalkNet. (LF-FL)
- 630 CHLT PQ, Sherbrooke. 1/26 1715 o/u WPRO, In FF Good. (KZ-NY)
- 680 WPTF NC, Raleigh 1/26 1728 Caught briefly, them lost at pattern change  
Exelant. (KZ-NY)
- 690 WTIX LA, New Orleans 2230-2245 1/14 Talk show, ads for business in  
Kenner. Good sig (LH-AL)
- 740 CBX AB, Edmonton 1/14 2336-2328 Blues show. Fair sig. (LH-AL)
- 740 KRTH TX, Houston 1/14 2329-2332 "America's positive radio show" and  
"Dieter's dictionary" ad. (LH-AL)
- 760 WJR MI, Detroit 1/14 2336-2345 "Cowboy Corner" ads. WJR ID 2345,  
back to Cowboy Corner. (LH-AL)
- 740 WINZ FL, Miami 1/9 2125 Big Band song, ID by M. Fair u/CBL. (WPT-DC)
- 790 WGRA GA, Ciro 1/23 1935 w/gos mx to s/off at 2000 readable sig. New  
"M" street says day time only and 2000 hrs is very late for  
GA s/off. Should be at 1900 at the latest. Do they have nighttime?  
or do they "Fudge" a bit around the edge??? (LF-FL)
- 810 WMTS TN, Murpheysboro 1/16 1732 w/wx & news "810 WMTS Murpheysboro's  
radio station.." (LF-FL)
- 830 WCCO MN, Minneapolis 1/14 2347-2352 Call in show, "Casper the Friendly  
Ghost" tune, piano mx, ID 2352, back to the "Music Challenge Show"  
Lots of QRM. (LH-AL)
- 830 CFJR ON, Brockville 1/29 1615 in every SSS, heard strong with promo  
for Morning show w/Ben and Bill. Strong, then gone. (KZ-NY)
- 860 CJBC ON, Toronto 1/21 0530 Really strong w/ff vocal, talk. (LH-AL)
- 880 WRFD OH, Columbus 1/1 1713 WOW-never thought anything could penetrate  
super powerful WCBS, but phasing them out, heard WRFD loud and



clear for several minutes with local rel show. Awesome-dude!!

(KZ-NY)

- 950 WBBF NY, Rochester 1/9 1648 wiping out usually-dom WWJ w/promo for mornig trivia program at 8:45 on "950 AM WBBF, the memory stn". into traffic report. (MB-ON)
- 950 KOEL IA, Oelwein 1/15 0241 pr thru WWJ null w/ID as "Your good time oldies on KOEL radio 95", into Scott McKenzie's "San Francisco". (MB-ON)
- 1000 WMVP IL, Chicago 1/9 2116 Sports Tlk.Xlnt (EX-WCFL). (WPT-DC)
- 1040 WSKE PA, Everett. 1/15 2015 o/u WHO w/C&W mx SID"W-S-K-E" lcl spots wx updates on EBS?? (DLR-KY)
- 1160 WOBN NJ,Lakewood 1/7 1747 ID by M Fair-good(EX-WHLW,WOBE) (WPT-DC)
- 1200 WSML NC,Burlington 1/7 1737 ID by M Fair o/u WAGE(WPT-DC)
- 1310 KBMV MO, Birch Tree. 1/16 0130-0147 Strong at times w/ southern Gos, spot for a DR. in Joplin, stn promo's, ID as "KBMV Birch Tree/ Mountain View" (JD-AL)
- 1320 WRJW MS, PICAYUNE 1/3 1756 w/promo for "Hometown radio WRJW 1320 AM" (LF-FL)
- 1330 WNIX MS, Greenville 1/12 1915 In w/oldies "Pure oldies AM is 1330,AM" WNIX.."(LF-FL)
- 1360 WAOZ OH, Cincinnati 1/18 2013 My "Uniden" radio OZ stn in lcl promo for 1360 Radio OZ Russ Jackson-op mgr mention, (another "Rocker" from my youth bits the dust..what a shame!) (LF-FL)
- 1370 WOMG SC, Columbia 1/18 1719 Fair sig w/local ads,tornado watch// oldies 103. (LF-FL)
- 1390 WADA NC, Shelby 1/19 with promo for "News-Talk WADA.."Only audible for about for 30 sec u/WROA Gulfport,MS.(LF-FL)
- 1390 WHOT OH, Youngstown 1/12 2150 Cleveland Cavaliers NBA BB,lcl spots, ID "Your listing to Cleveland Cav BB on AM WHOT Youngstown and AM 1240 WBBW Youngstown"(DLR-KY)
- 1400 WMAN OH, Mansfield 1/15 1758 Richland county health Dept tips on preventing frostbite. ID "AM 14 WMAN" into ABC nx (DLR-KY)
- 1400 KSIM MO, Sikeston 1/17 2327-2335 Out of UNID talk show w/"KSIM news update" DJ gave his name, then back into Unid Talk. (JD-AL)
- 1410 KKLO KS, Leavenworth 1/10 1925 Rel tlk ID "K-K-L-o" Love radio. into into more Rel tlks (DLR-KY)
- 1430 WNFO SC, Ridgeland 1/19 1803 up for about 60 sec w/wx"More to come on WNFO" very quiet freq at this time..Heavy storms north of my location,may have an effect. (LF-FL)
- 1430 WDEX NC, Monroe 1/19 1850 Gspl mx , Mentions of 1370 WLTC&1140 WRNA simo???? (LF-FL)
- 1440 WSSL SC, Greenville 1/9 2255 ID's lcl spots for Bullseye Tavern-get infree with Whistle 100 bumper sticker"and Book Depot C&W mx good (DLR-KY)
- 1460 WBCU SC,Union 1/23 1800 ID into ABC.news. "ABC radio for Union county is AM 1460 WBCU Union." Fair signal for a few moments.(LF-FL)
- 1450 CKDR3 ON, Hudson 1/23 2240 poor,C&W mx wx w/snowfall measured in cm "KDR" ID's relaying CKDR-800. (BC-NH)
- 1580 WKIG GA, Glennville 1/11 1745 ID by M poor u/WPGC.(WPT-DC)
- 1580 WDAB SC, Travelers Rest 1/17 1821 fr o/WPGC w/promo anct "Stay tuned to the world with Newsradio 1580 WDAB" into CNN spts. Most likly my UNID from Nov, when noted with all-news format and promo for Tenn FB. But why would a South Carolina stn be on the U of TN Vols Network?? (MB-ON)
- 1590 KYDE AR, Pine Bluff 1/9 2235 Best wishes to various shutins/sick people in Pine Bluff Gos Mx,ID's good. (DLR-KY)
- 1590 WGGO NY, Salamanca 1/3 1730 in briefly over mess including WQQW Waterbury,CT,ect. (KZ-NY)
- 1620 WKLX NY,Rochester 12/29/94 2315-0100 Very strong with relay of "Oldies 98.9 WKLX" Mostly rock oldies of the 50's 60's and 70's."Good times-Great oldies" Plulled plug abruptly around 0100. One time oddity pirate-Who's this?? (KZ-NY)
- \*\*\*\*\*  
UNID'S
- 850 UNID ?? 1/21 time?? "On the CBS radio network",promo for Art Bell show. (LH-AL)
- 1340 UNID ?? 1/9 0228-0230 Heard slogan of "Newstalk 1340 WKYK?",then promo for "Newstalk 1340 WKYK? weatherline" Number sounded like 758-2626. Back into TalkNet,then gone. Help. (JD-AL)

1400 UNID ?? 1/17 2314-2320 Popped up for ID by M "On... radio,WYTX(?)"  
spot for south central paging,into tlk show. Who's this??  
Pretty sure on calls at least close.(JD-AL)

\*\*\*\*\*

DX TESTING

- 850 KICY AK, Nome 1/21 0530-0600 IRCA test. Tentive. Possible weak CID under KOA toward end of test. Did I hear 'em?? I don't know but have on tape and will send it to their CE. (JD-AL)  
+1/21 Test not hrd (LH-AL)
- 910 WSUI IA, Iowa City 1/9 0100 CID Fair u/CKLY.(WPT-DC)  
+ 1/9 Test heard well. (LH-AL)  
+ 1/9 0108-0117 fr-gd o/pest CKLY w/CID's VID's ment IRCA, ID's as "broadcasting from the campus of the U of Iowa on your AM dial, this is Information Radio AM 910 WSUI".(MB-ON)
- 970 WWSW PA, Pittsburgh 1/2 0005-0030 Noted ID: "WWSW 970 it's twelve midnight using Daytime pattern." Also noted power was 5000 wts. With tones,march mx, Short history of WWSW at 0024 hrd him say NIGHTY NIGHT,return to night pattern." Good sig most of time but very fady. Poor at times. (WW-MA)
- 1000 WWVI VI, Charlotte Amalie 1/16 0206 CID,Fair-poor u/WMVP(WPT-DC)  
+ 1/16 test not hrd.-several Latin stn hrd. (LH-AL)  
+ 1/16 0200-0300 IRCA test heard. Details in DXWW-E.(JD-AL)
- 1010 KSYG AR, Little Rock 1/23 0315-0330 IRCA test Hrd very loud w/ lengthy CID's,many VID's,said wasconducting a world wide radio reception test. High speed warbling tones. (JD-AL)
- 1570 KUAU HI, Haiku 1/16 test not hrd (LH-AL)  
+ 1/15 0501-0530 IRCA test not hrd (JD-AL)  
+ 1/16 0501-0530 IRCA test not hrd (JD-AL)
- 1090 KTNS CO, Oakhurst 1/9 DX test not hrd (LH-AL)
- 1590 WXRS GA, Swainsboro 1/23 000-0030 NRC DX test not hrd, Surprised, as they are a sunset regular here. (JD-AL)  
+ 1/23 not hrd tooo much WAKR But hrd on SSS in 1980 so not need ed (MB-ON)
- 1590 WPWA PA, Chester 1/16 0031 pr u/WAKR and Spanish (presumably WONX) w/song by Tom Lehrer "So long mom, I'm off to drop the bomb", then ID as "This is WPWA testing. This is a special test for the NRC". Nothing else hrd under dominat pest WAKR. (MB-ON)  
+ 1/16 0000-0030 NRC test not hrd. (JD-AL)  
+ DX test not hrd. (LH-AL)  
+ 1/16 0009-0031 Good signal most of the time ,but severe fading in and out.Many ID's as "WPWA Chester PA. DX test for NRC. Played many comedy songs by Tom Lehrer,one by Stan Freeburg. Gave adr as : POB 1590 Chester Heights PA. 19017. This is not the adr listed in the DX testing listings. (WW-MA)

\*\*\*\*\*

Welcome to William Wyllie and thanks for the input.Please remember to LIST LOGGINGS in order of frequency. It's helpful at typing time.73'sMARK.



## Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

No WDXF submittals this week. Don't forget that #26 is the Anniversary Issue - if you want to be included in that issue, get them in by Feb 25!

-----32-23-----

### 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.

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:

MH Mike Hardester, 3118 Gaitway Court, Jacksonville NC 28546-6973; mike\_hardester@zapbbs.com  
 GVJ Gary V Jackson, 7735 Center Parkway, Sacramento CA 95823  
 JCJ John C Johnson, 979 Neptune Blvd, Billings MT 59105-2129; Johnj53816@aol.com  
 PM Patrick Martin, P O Box 843, Seaside OR 97138-0843  
 TJR Thomas J Reiser, 9506 S Winchester, Apt 205, Chicago IL 60643-1109; reisert@prairienet.org  
 MS Mike Sanburn, P O Box 1256, Bellflower CA 90707

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
558	DZXL	Jose B Capadocia	Radio Mindanao Network 15th Fl, Philcomcen Bldg, Ortigas Ave Pasig, Metro Manila, Philippines	L	83	PM
600	KSJB	Harvey Van Eren	212 1st Ave S Jamestown ND 58401	Q	19	GVJ
610	KILT	Lonzo Bryant, OpsMgr	500 Lovett Blvd Houston TX 77006	bc		MS
650	KMTI	Illegible, CE	P O Box K Manti UT 84642	LB+	8	GVJ
720	WGN	James J Carollo, DirEng	435 N Michigan Ave Chicago IL 60611	Q+	180	TJR
	WWII	Dan Lebo, GM	8 West Main St Shiremanstown PA 17011	LB	8	MH
740	KBRT	Todd Stickler, OpsMgr	3183 D Airway Ave Costa Mesa CA 92626	L	6	GVJ
750	KOAL	Keith Mason, PD/MusicD	Box 875 Price UT*	LM+	8	GVJ
800	PJB	Bill Early	Box 388 Bonaire, Netherlands Antilles	Q++		TJR
970	KPUA	Alan L Roycroft	5 Kahoa St Hilo HI 96720-2205	Q	8	GVJ
1200	WBZY	Bill King	1906 Wilmington Rd New Castle PA 16105	Q	42	MH
	CKDA	Fred Cole, CE	P O Box 1200 Victoria BC V8W 2S5	Q	210	GVJ
1290	KKAR	Allen Sherrill, CE	1001 Farnham-on-the-Mall Omaha, NE 68102	LB		MH
1360	KGME	Anthony Earl, TechDir	4745 North 7th St Suite 410 Phoenix AZ 85014	LBbc++	7	MS
1400	CIOR	W George Elliott, Mgr	P O Box 1400 Princeton BC V0X 1V0	L+	63	PM
1470	KKSC	Bob Bakken, OpsMgr	P O Box 1737 Sioux City IA 51102	LM+	22	JCJ
1490	KYCA	Al Hartzell, CE	P O Box 1631 Prescott AZ 86302	LM	14	MS
1540	KXED	Frederic J Holub, CE	5700 Sunset Blvd Hollywood CA 90028	L	330	MS
1550	KPIX	Amanda Lawatsche	855 Battery St San Francisco CA 94111	L+	15	PM
1600	WWRL	Joe Hammemann, CE	41-30 58th St Woodside NY 11377	LQ	45	PM
1610	TIS	Nancy Martin	Midstate Fair Information Radio Paso Robles Chamber of Commerce Paso Robles CA	P+++	4	GVJ

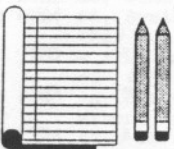
FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1620	KPD581	Doug Maine, MgrCommunic	The Rideshare Co. 108 Charter Oak Ave Hartford CT 06106	LP	17	MH
1710	TIS**	Nathaniel S Behura	City of Anaheim Traffic Engineering 201 South Anaheim Blvd Suite 502 Anaheim CA 92805	LP	75	GVJ

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 not used; r = Return postage returned

NOTES: \* [for this report] = See comment below; \*\* [for this report] = See comment below

Nice to have John with us this month! Gary forgot the zip code for KOAL-750, but my log has it as 84501; I could never coax a verie out of KOAL when I lived in California five years ago. Gary notes that the FCC issued a license to the Anaheim TIS on 1710 kHz by mistake and that it was on the air for only one day, testing, before the FCC revoked the license. Patrick passes along this important note: Per Richie Bauer, CE at both KAPN-860 and KCNR-1320, reception reports to these two stations will only be answered if the reporter encloses a SASE; all other reports are thrown away. Bauer claims to be too busy to address envelopes. Sounds like he needs a secretary, hi. This column was prepared on 02/04/95, 8 days late due to an unexpected trip out-of-town, a bad sore throat and cold on my return, and a raging blizzard outside. 73, SSH.



## Eastern DX Forum

Richard C. Evans  
P.O. Box 21883  
Milwaukee, WI 53221-0883  
Phone: 414-ATLantic 2-9035

**DEADLINES:** Saturdays thru 3/11, 3/25, 4/8, 4/29, 5/27, 7/1, 7/29  
**Anniversary Issue:** deadline in Milwaukee is 2/25/95

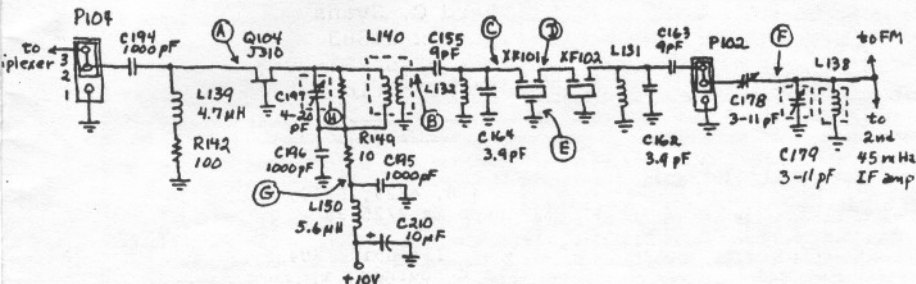
Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435  
 Greetings. Here are some comments concerning my reception of WGYJ-1590 on Friday, Dec. 23rd. The date printed in CDXR (Jan. 14th ed, Vol 32 #18) was Dec. 13th. This is a typo. My report to CDXR listed it correctly as Dec. 23rd. From 0257 to 0403 EST tune out heard numerous morse code strings that included call letters, frequency and name of city over and over. Pat Martin was the first person to inquire about correct date. I sent him a short tape that has a portion of the code on it. Also on that tape is an ID from WAKR which includes the date "FRIDAY DECEMBER 23rd". WGYJ ran this as an unscheduled test! Their scheduled DX Test on Dec. 10th was not heard here. This test on Dec. 23 was in with strong signals! I call Tom Riser in Chicago to hopefully share this catch (he is the only person I would attempt to call at this odd hour without getting tongue lashed on the phone)! It is unfortunate that he was just too dead tired and fell asleep shortly after my call!! Other recent DX here is WVWI-1000 during their 1/16 DX Test. CJVR-1420 w/C&W music on 1/24 and 1/26 and CFRY DX Test on 2/30. Received a verie (signed my reception report) from WPMR-960 for their 10/17/94 DX Test! Several listeners on the east coast reported this test was a no show! My verie came in a WPMR envelope with bumper sticker! Veri-signer is Mason Hall, P.D. Sent the station a tape of my reception. Had what sounded like very weak morse code. Was this DX Test really on or did I get a phony verification??? Perhaps someone close to WPMR could call the station and get the correct info! 73's.

12

Dallas Lankford, 2 II 95

In my recent article (DX News, Vol. 61, No. 28 - July 18, 1994), "Drake R8: Increased Dynamic Range, Mod 2," I described how the 50 kHz image rejection could be improved from about 80 dB to over 94 dB by removing the R8 image reject circuit, and removing the 45 mHz crystal filter XF100 and moving it to just ahead of the 2nd mixer, SBL-1X. As I pointed out in that article, those changes to the image reject circuit and crystal filter were done in conjunction with a replacement of the 1st 45 mHz IF amplifier by a common base transformer feedback amplifier, and that it was not known whether the improved image rejection could be obtained without replacing the 1st 45 mHz IF amplifier. All of the mods mentioned above were done with prototype PC boards, which were anything but attractive. A few days ago I decided to replace the prototype PC board circuits with attractive and thoughtfully laid out PC board circuits, so that the finished circuits would be professional in appearance as well as performance.

You can imagine my surprise when I measured the 50 kHz image rejection of my R8 RF boards with their pretty new PC board mods and found that the image rejection at  $\pm 100$  kHz had fallen off to about 86 dB. This caused me to make additional changes at various points in the 45 mHz signal path to determine why the image rejection was degraded, and how to restore the image rejection to over 94 dB. Based on a number of changes and measurements, which I will not relate here, the 94 dB or greater image rejection which I obtained previously was due in part to circuit layout and parts positions of the prototype PC boards. The solution to this problem, which will be described in detail below, involved removal of header plug P102 and development of a new matching network between the output of crystal filter XF102 and the high impedance 45 mHz IF transformer consisting of C179 and L138.

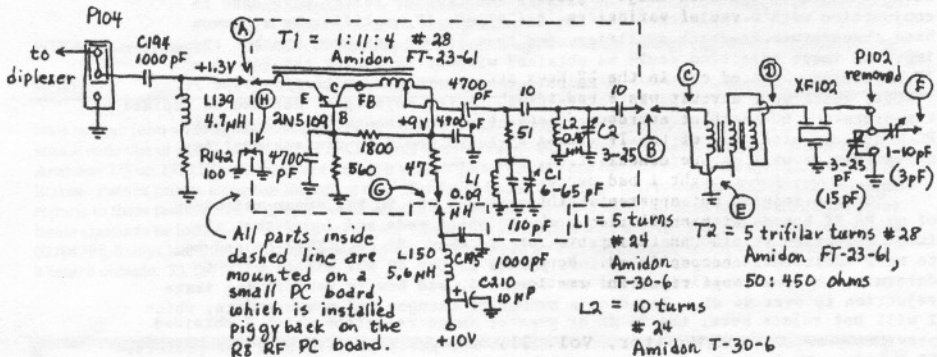


The original R8 45 mHz IF signal path from P104 to the 45 mHz IF transformer consisting of C179 and L138 is given above. If you compare the partial schematic sketch above with the R8 service manual schematic, you will notice three differences (1) the 4.7 H choke L139 and 100 ohm resistor R142 are reversed in my sketch above, to reflect the actual R8 RF PC board layout, and (2) C179 is shown with a shield, as is the case on the R8 RF PC board, and (3) C197 is also shown with a shield, as is the case on the R8 RF PC board.

The final modifications to my R8 RF board (excluding replacement of the RF amplifier, removal of the image reject circuit, and addition of crystal filter XF101 immediately ahead of the 2nd mixer, which were described in detail in the DX News article mentioned above) are given below. Upper case letters A - H are given on both schematics for certain important reference points.

As can be seen, most of the original R8 parts between the junction of C194 and L139 and crystal filter XF102 were removed. C210, L150, and C195 were retained for the positive voltage feed of the new common base IF amplifier. The common base IF amplifier was built on a small PC board and mounted piggy back on the R8 RF board. The 47 ohm resistor shown on the common base IF amp board may alternately be mounted on the R8 RF board. Surface mount resistors

and surface mount capacitors were used throughout the common base IF amp board to conserve space. Note that a ground connection from the common base IF amp board to the R8 RF board is required, and labeled point H on the modification schematic above (which is a ground pad for the shield of C197 which had been removed). Points A, B, and G are the other three connections required by the common base IF amp piggy back board. These four connections were made with short (about 0.50 inch) lengths of #22 solid tinned copper wire which had been press fitted into PC board pads of the common base IF amp board (so that the short wires would not fall out when they were soldered to the R8 RF board pads).



The 9 pF capacitors C155 and C163 were not present on my R8 RF board, and there were no PC board pads to accommodate such capacitors. Apparently these two capacitors existed only in some R8 prototypes, and were not included in any production R8's as far as I know.

And the two inductors L132 and L131 and two capacitors C164 and C162 were also not present on my R8 RF board. Instead, three surface mount devices (perhaps capacitors) were used in my R8. These three surface mount devices were removed.

Also, XF101, P102, C178, the shield of C179, and C179 were removed.

T2 was mounted on the R8 RF board in the holes vacated by XF102, a small jumper made from #24 solid tinned copper wire was added between the two indicated holes vacated by P102, a modified Mouser # 24AA0022 3-25 pF ceramic trimmer capacitor was added between the two indicated vacated holes of P102, a Mouser # ME242-1810 2-9 pF ceramic trimmer was added in place of C178, and a Mouser # 24AA021 2-14 pF ceramic trimmer was added in place of C179. The shield for C179 was not restored. When installing trimmer capacitors which are grounded at one end, be sure that the grounded end is the rotor lug. Drake production line workers did not always adhere to this standard practice, which can make peaking tuned circuits difficult.

Removal of some of the parts above, especially XF101 and P102, is not easy, and should not be attempted by a novice. I've said it before and I'll say it again, ChemWik Lite 0.100 desoldering braid is the only desoldering braid which works really well. The PC board holes and pads for XF101 are very small and easily lifted if too much heat is applied. I used a 23 watt soldering iron for all these modifications.

The PC board holes for P102 are also very small, so small that the lugs of a Mouser #24AA0022 3-25 pF ceramic trimmer will not fit. The lugs must be made smaller by cutting off the flanges and reducing the lug width with an India stone deburring stone. After the lug widths have been reduced, the lugs must be bent for the narrower spacing required.

Note on the modification schematic above that the 3-25 pF capacitor mounted at P102 and the 1-10 pF capacitor mounted in place of C178 should be set approximately to 15 pF and 3 pF respectively. This can be done before installation with

a accurate capacitance meter, of after installation by setting the "plates" about half meshed for the 3-25 pF trimmer, and near minimum capacitance for the 1-10 pF capacitor. If the value of the 1-10 pF capacitor is set too low, C179 will not be able to peak L138 to as high as normal. The value of the 1-10 pF capacitor should be set as low as possible without reduction of signal level when C179 is peaked.

Two R8 RF boards have been modified in the manner described above. For one such modified R8 RF board, the 50 kHz image rejection (at  $\pm 100$  kHz) was 94 dB, and for the other R8 RF board, the image rejection was 97.5 dB. Such slight variation in image rejection from one RF board to another is to be expected because of variations in the 45 MHz crystal filters from one board to another.

As pointed out in the *DX News* article mentioned above, the original R8 image reject circuit was a bad idea because the amount of image rejection available from that approach depends on the geometry of the PC board layout and the geometry of the IF transformer windings, which in turn determines the amount of phase cancellation, and hence the amount of image rejection. Previously I thought I had avoided the phase cancellation problem with my modifications, but apparently that was not the case. Whether the above changes solve the phase cancellation problem is not known. I suppose it does not matter. My goal was to improve the R8 image rejection substantially, and that has been accomplished. Hopefully, these notes will provide the determined builder with sufficient information to duplicate my R8 image rejection improvements.

Please see *DX Monitor*, Vol. 31, No. 33 - July 16, 1994, "Drake R8: Increased Dynamic Range, Mod 2."

## IRCA Mexican Log, 3rd Edition, Now Available!

After months of preparation, IRCA has published the 1994 edition of the IRCA Mexican Log.

The log lists all AM stations in Mexico by frequency, giving call letters, state, city, day power, night power, slogans, schedule in UTC/GMT, formats, networks, and notes. Stations that have changed frequency since 1990 are cross-referenced on the old frequency.

The call letter index gives call, frequency, city and state. The city index (listed by state, then city) gives frequency, call, day and night power. There is even a guide to the Spanish alphabet and numbers.

The log has been completely updated from the 1990 edition and carefully cross-checked by IRCA members in Mexico and the U.S. This is an indispensable reference for anyone who hears Mexican radio stations.

The price, payable to IRCA in U.S. funds:

IRCA/NRC Member: \$6 U.S./Canada/Mexico/seamail, \$7 rest of the Americas airmail, \$7.50 Europe/Asia airmail, \$8 Australia/New Zealand airmail.

Non-Member: \$8 U.S./Canada/Mexico/seamail, \$9 rest of the Americas airmail, \$9.50 Europe/Asia airmail, \$10 Australia/New Zealand airmail.

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

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

## An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. It can be included with reception reports and given to other interested folks. Sub topics include "What is DXing?", "Broadcasting's early years," "The first DXers," "Clubs helped listeners share," "Our hobby today" and "DX clubs still unite listeners." It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

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

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

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) or 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.