

# DX MONITOR

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DEVOTED EXCLUSIVELY TO BROADCAST BAND DX'ING

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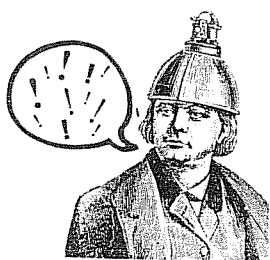
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Also see page 5 for information on a 1988 WRTH offer. If anyone has info on other offers, let us know.



### BOOK REVIEW

Vestal Press has recently published a 50th anniversary edition of the March 1938 issue of Radio Craft magazine. The original issue was a special issue celebrating 50 years of radio (going back to Heinrich Hertz' experiments in 1887 and 1888). The book is fascinating reading with articles on early day radio stations, receiving equipment, radio pioneers, and other topics. There are plenty of photographs of vintage radio stations, radios, and antennas; and descriptions and diagrams of classic radio circuits. The best part of the magazine is the advertisements --- for receiver manufacturers, broadcasting networks, parts dealers, and others. The book costs \$14.95, plus \$2.00 postage from Vestal Press, 320 North Jensen Road, P.O. Box 97, Vestal, NY 13850. It is about 140 pages long, reprinted on high quality slick paper, and well worth the cost.



WYNS-1160, Leighton, PA, will be testing every Sun AM from 0215 to 0230 ELT until the Sunday before Christmas, according to station employee Ned Richards. Reception reports should be sent to Ned's home address: 230 East Washington Street, Schnecksville PA 18078.

No information on the power or pattern they'll use. The station is listed as 2500/1000 U4.via Tom Jasinski

- EASTERN DX ROUNDUP -

Editor: Tim Kridel  
Box 147  
Middle Island, NY 11953

Deadline: Fridays

Greetings!  
I managed to do a  
little DXing my-  
self, if you can  
call it that. I  
tried getting

up at 0330 Saturday  
morning to DX before work, unfortunately the flesh was weak even though the spirit was  
willing. Lately, this seems to be becoming increasingly difficult.

David Reitz of Kentucky checks in with an amazing catch of KLZ-560, a 5 kW station  
from Denver. I'm not sure how that frequency is by you, but that's one heck of a catch!!  
So, here's the Big Three for this week, including yours truly...



- (TK-NY) Yer editor  
Bearcat DX-1000, 130' longwires running EW and NS, Palomar loop
- (DLR-KY) David L. Reitz; 9332 Fairground Rd.; Fern Creek, KY; 40291  
R-1000, Radio West loop, GE Superadio
- (WW-RI) William Wyllie; 95 Peck Street; Franklin, MA; 02038-2217  
Fisher PH-418 cassette radio, built-in antenna  
DXing at Prudence Island, RI
- 540 WYNN SC, Florence 10-1 2020 Local spots, black/ rock mx, IDs. (DLR-KY)
- 550 WICE RI, Pawtucket 10-4 1403 Poor w/ heavy WLIX-540 slop. IDs by male DJ, Beatles,  
"Fina Colada" song. AM stereo. (TK-NY)
- 560 CKCN QU, Seven Islands 9-18 2230 Fair to good w/ FF mx. First time heard. (WW-RI)
- 560 KLZ CO, Denver 10-4 0735 Local spots, "56 KLZ Denver wx," C&W mx, IDs "Colorado  
country, 56 KLZ." (DLR-KY)
- 560 WFRB MD, Frostburg 10-3 2045 ID w/ s/off annmcmts. Ment of 105.3 FM. (DLR-KY)
- 560 WHYN MA, Springfield 10-4 1412 Vgood, strong w/ Boston vs. Milwaukee baseball,  
quick ID "56-WHYN" by male. Game annrs were Ken and Joe. (TK-NY)
- 590 WMBS PA, Uniontown 10-3 2029 Local spots, football game, halftime show. (DLR-KY)
- 640 WNNZ MA, Springfield 10-4 1427 Good w/ wx report on surprise snow storm read by  
Bill Jacuman. ID "New England's oldies stn," oldies mx, male DJ. (TK-NY)
- 810 WGY NY, Schenectady 10-4 1443 Excel w/ DJs Johnny Williams and ??, cancellations,  
emergency precautions, calls to emergency personnel on air. Talked to morning  
DJ Charles Custer, snowbound at home. Pre-empted Dick Clark's "Rock, Roll, and  
Remember." (TK-NY)
- 940 WKYK NC, Burnsville 10-1 1940 ID, pop mx, local spots, ments of Burnsville. (DLR)
- 990 WEEB NC, Southern Pines 10-3 2053 Capital Sports Network w/ Duke vs. Rutgers  
football, local spots, ID "You're listening to Moore County's most powerful  
radio stn. WEEB Sothern Pines-Pinehurst-Aberdeen," into more football. (DLR)
- 1190 KHAD MO, De Soto 10-1 1930 ID w/ s/off annmcmts. (DLR-KY)
- 1360 WIYN GA, Rome 9-29 2128 Promo for the "Back Room Gang." (What's that? It sounds  
like a prohibition-era social club. -TK) "WIYN" ID, into CNN mx. (DLR-KY)
- 1390 WLAN PA, Lancaster 9-2 2218 Fair w/ ad and ID. Not heard in some time. (WW-RI)
- 1420 CJMT QU, Chicoutimi 2243 Strong w/ FF mx, mx at 2245. Ad at 2300, but no ID heard.  
I believe it is them. (WW-RI)
- 1460 WPRW VA, Mannassas 9-26 2048 Rock mx, "WPRW" ID, request line #368-WPRW. AP mx,  
Prince William wx. (DLR-KY) (I see the prince is moonlighting as a wx-man. -TK)
- 1480 CHRD QU, Drummondville 9-3 2228 Strong for a while o/ WSAR w/ FF rock mx. (WW-RI)
- 1490 WPAD VT, Middlebury 8-28 2120 Poor in jumble w/ call WPAD and wx, and that's  
about it. First time heard. (WW-RI)
- 1490 WGCH CT, Greenwich 8-28 2200 Noted call and ment of GT on hour, into mx. It may  
have been NBC mx, but not sure. (WW-RI)

"Why is it that I am the first of my family to edit EDXR? Why is it that I am the first Kridel in a thousand generations to be a member of the IRCA?" Thanks to Joe Biden for those inspiring words...

- 1510 CJRS QU, Sherbrooke 8-28 2215 Strong, booming in o/ local WSSH-Boston. FF mx. (WW)
- 1540 WADK RI, Newport 10-11 1222 Vgood w/ live show commemorating Columbus Day and Italian Americans. Woman singing Italian songs. "WADK- Newport, RI" by man at 1300, into ABC mx. "Newport Radio- WADK" Jx at 1304, into "Great Sounds" w/ Ray Otis on United Stns Network. Oldies mx. (TK-NY)
- 1540 WPTR NY, Albany 10-11 1213 Good o/ WADK w/ C&W mx w/ DJ A. J. Roberts, ID "AM 1540- WPTR" ID. Jx "Capital country wx." (TK-NY)

That about wraps it up for this week. Thanks to William and David for a great column. I hope to see you all next week. 73s, and see you in seven...



P O BOX 773527 • EAGLE RIVER AK 99577 • 907/694-KCFA

Dear Jef,

Thanks for your letter of Feb. 13th. I will try and answer some of your questions about KCFA. You are correct, we are a Christian Radio Station and our format is Contemporary Christian music. We don't have a program schedule printed yet. Our hours are 5:30 am to 12 midnight. We don't have a network yet, this may come later.

As for our equipment ect. The transmitter is a Continental 316 F-1 10 KW. Our antennas are a 350' tower with 120 radials We are directional at night and the second tower is 197' with 120 radials. All radials are 241 feet long. I have enclosed a night time coverage map. We run 10 KW day and night.

KCFA has an STL on 950.5 MHZ. It's 12.4 miles from the studio to the transmitter site. We are mono AM at this time, hope to go stereo soon.

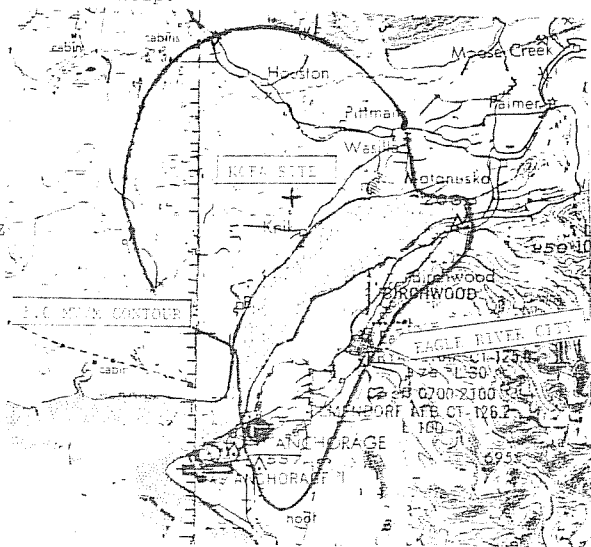
I hope this information will help.

Yours Truly

Terry K. Reynolds CE

PS

Our frequency is 1020 KHZ









# WESTERN DX ROUNDUP

2301 PACIFIC AVE., ABERDEEN WA 98520

DEADLINES: Tuesdays

REPORTERS FOR THIS ISSUE:

- (EC) Eric Cooper-24191 Spartan-Mission Viejo, CA 92691  
ICF-2002 rcvr. no external antenna
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520  
FRG-7, Radio West loop  
(BH-WA1) DX'ing at Ike Kinswa State Park near Mossyrock, WA  
GE multi-band portable
- (BN) Bill Nittler-Box 824-Mancos, CO 81328
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

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OF SPECIAL INTEREST:

- 1440 KRDZ CO, Wray 9/28 0925 using these calls again (ex-KRQZ). Calls repeated several times. What happened to KRDZ assignment for new Del Norte-900? (BN-CO)
- \*\*\*\*\*
- 710 KNUS CO, Denver ID's as "K-Talk" but hasn't changed calls. (BN-CO)
- 730 KSVN UT, Ogden 10/4 2400 s/off in English after Spanish programming. (BN-CO)
- 980 KGLN CO, Glenwood Springs 9/29 1800 heard with Contemp. Christian music. (BN-CO)
- 1060 \*KPAY\* CA, Chico 10/5 0405 noted with TT (RW-CA)
- 1120 KLIM CO, Limon 10/5 playing rock music 1945, used to be C&W. (BN-CO)
- 1130 KHTH CO, Dillon 10/5 heard on RS with oldies, s/off 2000 ahead of sunset. (BN-CO)
- KWKH LA, Shreveport 10/5 0315 over KRDU with KWKH Weathervane. Rarely heard with KRDU on. (RW-CA)
- 1230 KMGR UT, Murray "AM Stereo 1230 KMGR" faded up for ID 9/30 1032 but nothing more. (BN-CO)
- 1360 KBUY NM, Ruidoso 9/28 in clear with C&W and "K-Buy-KTNT" IDs 1959. (BN-CO)
- 1370 KPCC CA, Quincy 10/10 2300 atop all with nice legal ID after oldies music, then CBS News. Back to oldies 2306 but several local ads 2310. No sign of KEEN/KXTL/KAST which usually dominate at home. (BH-WA1)
- 1380 KSMJ CA, Sacramento 10/8 0030 good with oldies including Elton John's "Crocodile Rock." ID as "Magic 1380 KSMJ." Believe this is ex-KGMS, so new as for calls. (EC-CA)
- 1400 KFTM CO, Fort Morgan "KFTM-KBRU" ID 10/5 0940 and several Ft. Morgan ads. (BN-CO)
- 1450 KVSI ID, Montpelier 10/7 burst thru for clear ID & ad 1030, for a rare logging. (BN-CO)
- 1500 KSTP MN, St. Paul-Minneapolis 10/8 0059 fair to good with end of talk show on personal relationships, ad for Johnson Financial Seminars, full ID and ABC Info. News at 0100. New. (EC-CA)
- 1530 (KFBK) CA, Sacramento 10/5 0328 totally off. (RW-CA)

UNID

- 1610 9/25 1445 some TIS is rebroadcasting "KHB60 Seattle," which is National Weather Service "Noah Weatherradio" on 162.40 MHz. Noted on trip to Tacoma, strongest near waterfront. This is not City of Tacoma at exit 130, which had open carrier, nor the three Olympia-area TIS which had Interstate 5 construction messages as usual. It's possible this is Discovery Bay near Hood Canal Bridge. Does anybody know for sure? (BH-WA)

Welcome back to WDXR, Eric. Report often. Where is everyone this week?? ☺

# DX WORLDWIDE EAST

EDITOR: JIM HALL # 240 BYRON ROAD # PITTSBURGH  
PENNSYLVANIA 15237, U.S.A

■ A big welcome to John J. Rieger in S. Milwaukee, WI this week. Thanks for reporting, John, and I'm looking forward to hearing from you often. It's good to have a reporter from the Mid-west here in DXW-E. Conditions have been average lately - TA's have been poor at this location so far, but seem to be picking up slightly as the DX season gets underway. Most Cuban outlets (at least those on National networks) aired a speech evening 10/8. Didn't wait to see if it was Castro, but was noted on the following frequencies: All Rebelde and Progreso stations, 1370 & 1380 R. Cadena Agramon a, 840, 1290 and 860. There were undoubtedly many others carrying the speech that were inaudible here. Steve Mittman, one of your LA reports in a DXW-W a few months ago mentioned the Radio Rebelde article ('A Look At Radio Rebelde', 11/8/86 DXM, Edition 7(4)) as listing the Progreso Cuban on 640 as 1kW - it is indeed 50kW or better as Pat commented. The 1kW listing is for a Radio Rebelde outlet sharing the frequency with R. Progreso, CMBB. Sorry for any confusion - all listings in the article are for Radio Rebelde transmitters. With the season upon us, auroral conditions will be more likely to enhance Latin American DX for us. Consult Mark Connelly's excellent "Caribbean MW DX Guide" (3/8/86 DXM) for station program information and other details. There are also many excellent articles on international DXing available as reprints from IRCA's Goodie Factory. Regular reading of DXW-W and DXW-E are also of great help for current international DX; and as reference materials go, a current edition of the WRTH is priceless to DXers, and to stay abreast of station changes, read through Paul Swearingen's DXW2 columns. On to reports -- times are GMT/UTC:

\* \* \* \* \*

## T R A N S - A T L A N T I C D X

1467 unID, fr/gd carrier 0550 10/11. With Monaco TWR changing antenna beam @0415 daily, I can't imagine who this would be unless it's TWR audible on different pattern. Note time. (Hall-PIT)

## P A N - A M E R I C A N A D X

- 555 t ST. KITTS, Basseterre 0530 10/6 : Massive OC. (Hall-PIT)  
 570 CUBA, 0239 8/29 : Strong behind WMCA with Radio Progreso pgmning and was //640. (Wyllie-MA) (This is interesting - I have not noted any Cubans on 570 since R. Relej vacated the freq. Is this still on, William? ed)  
 573.7 unID, 0140 10/4 : Ripply LA carrier - Cuban origin? (Hall-PIT)  
 580 CUBA, Baracoa CHMF 0240a 8/29 : R. Rebelde //600. (Wyllie-MA)  
 640.8 unID, 0148 10/4 : Off-freq. LA. (Hall-PIT)  
 670 CUBA, 0224 8/29 : Strong signal w/R. Rebelde pgm. (Wyllie-MA)  
VENEZUELA, Caracas YVLL 0137 8/30 : Good signal w/'R. Rumbo', doorbells. (Wyllie-MA)  
 690 ANGUILLA, The Valley 0032 10/7 : ON TOP, nearly best ever in good cx (Montserrat-885 was loud w/West Indian accented m ancr), Atlantic Standard TC's, ID on ½-hr into church pgm. Better than 1610 (1610 usually bombs in here). (Hall-PIT)  
 700 COLOMBIA, Cali HJCK 0230 8/29 : Poor w/R. Sutatenza pgm. Anchr only seems to say "Sutatenza" with SS mx. (Wyllie-MA)  
JAMAICA, Montego Bay 0300 8/29 : Reggae mx, news on hour about Jamaica. No ID heard but I know it's them. (Wyllie-MA)  
 750 VENEZUELA, Caracas YVKS 0320 8/29 : Poor w/SS & EE rock mx, "Caracas" ID's. (Wyllie-MA)  
 760 COLOMBIA, Barranquilla HJHJ (William-WRTH says HJAJ. ed) 0345 8/29 : Strong with SS mx and ID "LV de Barranquilla". (Wyllie-MA)  
 770 COLOMBIA, Bogota HJKH 0145 8/30 : V. pr behind WABC, SS mx. (Wyllie-MA)  
 810 COLOMBIA, Bogota HJCY 0206 8/30 : Strong o/WGY w/Sutatenza pgmning. (Wyllie-MA)  
 870 COLOMBIA, Barranquilla HJSB 0041 9/30 : Mar Caribe A.H. in very good o/WWL. In o/3-hours. New. (Rieger-WI)  
 1020 VENEZUELA, La Ascuncion YVRS 0111 9/30 : R. Mundial Margarita in good w/some slight fading. Jingles and spoken slogans abound! KDKA nulled - new. (Rieger-WI) (Good catches, John. ed)  
 +0136 8/29 : Strong signal, mention of Barranquilla. SS talk/mx. (Wyllie-MA) (William - Did you hear a definite ID on this? ed)

1040 CUBA, 0329 9/3 : Very strong, booming in. Mx & nx in SS & EE, plus ads for Caradaro Beach. ID as "Radio Tiano, tour radio in Havana". Gave address as Box 3040, Havana. (Willie-MA)  
1100 ANTIGUA & BARBUDA, St. Johns ZDK 0215a 9/15 : Strong w/reggae mx. Severe QRM from someone w/a sporting event in SS. (Willie-MA)  
1203.8 unID, carrier noted eve 10/7. Not Cayman - they were right on 1205. (Hall-PIT)  
1220.7 unID, carrier noted eve 10/7. (Hall-PIT)  
1370.8 unID, carrier noted eve 10/7, seemed LA but was not the Cuban. (Hall-PIT)  
1514.8 unID, carrier 0146 10/4 on LA Bev's. LA or TVI? (Hall-PIT)  
1520 COLOMBIA, Barranquilla HJLQ 0514 10/5 : SS m ancr, ments Barranquilla & "Minuto" ID, o/u WWKB. (Hall-PIT)  
1530 CUBA, Moron 0652 10/5 : WCKY off leaving CMIM w/mellow Spanish instrumentals, some w/opera-like vocals. "...en Radio Cuba..." (not formal slogan though) and the famous "victorio libre en America...". (Hall-PIT)  
1550 t CUBA, SoLa CMHZ 0814 10/5 : 2 men alternating nx in SS, ments Cuba after nx, fol by Cuban economic report by woman. unID SSLA u/w/SS vocals. (Hall-PIT)  
1580 t CUBA, Santa Cruz del Sur CMHP 0540 10/6 : The rare R. Cadena Agramonte listed vf but seemed to be the one here way u/mess/attenuated CBJ //regionals (1370/1380, both in). Determined as // w/music's high-pitched wind instrument, like Colombian pops have. (Hall-PIT)

\* \* \* \* \*

CREDITS:

(Rieger-WI) John J. Rieger, 801 Sherman Ave., South Milwaukee, WI 53212  
(IC R70, Kowalski loop) \*\*WELCOME, JOHN\*\*  
(Willie-MA) William Willie, 95 Peck Street, Franklin, MA 02038-2217  
(Fisher PH 418 cassette radio. Loggings from Prudence Is., R.I.)  
(Hall-PIT) Jim Hall, Editor, 240 Byron Road, Pittsburgh, PA 15237-4015  
(ICOM R71A, Bev's, mini-Bev's, lw's, loops, wedge, vertical. Final audio adjusted with Fisher CA-271 graphic equalizer)

oo

# IRCA SportsCentre

Dale Park  
still somewhere in  
Evanston IL 60201

Thought you could get rid of me, hah? Well, I'm still around, and I'll let you know what my new address will be. Don't forget that again I will do the Sports section of the IRCA ALMANAC, required reading for folks like Mike Knitter, hi. In the meantime, some listings in football and baseball, as spare time permits...

CHICAGO BEARS Wayne Larrivee, Dick Butkus, Jim Hart (NFL) (English)

720 WGN-IL\$	1040 WHO-IA	1270 WEIC-IL	1370 KLBA-IA*	1480 WRSW-IN
870 KROL-NV	1050 WDZ-IL*	1290 WIRL-IL	1400 KDTH-IA	1490 WDAN-IL
920 WMOK-IL*\$	WTCA-IN+	KOIL-NE	1380 KCIM-IA	WZOE-IL
940 KNST-AZ	1080 WPOK-IL*+	1310 KOKX-IA	1400 WDSW-IL	1550 WCSJ-IL**
WMIX-IL*	1090 WGLC-IL*	1330 WRAM-IL	1420 WOC-IA	1560 WBYS-IL*
960 WSBT-IN	1150 KCKY-AZ	KWLO-IA	1440 WMLA-IL	WRIN-IN**
1020 WCIL-IL*	1240 WSDR-IL	1340 WLAV-MI	WGEM-IL\$	1570 WIFF-IN
	1250 WIZZ-IL*+		1450 WEZR-IN	
-FM-				
92.1 WFPS-IL	95.9 WKVZ-IN	97.7 WSTQ-IL+	100.5 WJVO-IL	105.3 WASK-IN,
92.7 KOSG-IA	96.7 WRVI-IL	WFRX-IL	103.1 WJEZ-IL+	106.5 WQSN-MI
94.3 KNZE-IN+	WCOE-IL	WLQI-IN+	104.7 WCSJ-IL+	107.1 WKPL-WI

SYNDCATOR: Tribune Radio Network. NOTE: 1. Correct frequency unknown.

TORONTO ARGONAUTS Bob Bratina, Peter Martin, Suneel Joshi (CFL)

1010 CFRB-ON+\$ SW: 6070 CFRX-ON+

Unfortunately, my time at this rented typewriter is just about up, so I'll have to say goodbye for now this Sept. 16. So keep your feet on the ground and keep reaching for your nose—never mind. See you in DXM.



# DX Worldwide - West



PAT MARTIN

P.O. BOX 843

SEASIDE, OR 97138

**Time: UTC phone (503) 861-3185**

DEADLINES: 10/27, 11/3, 11/10

I am typing this column one day late (Wednesday, instead of Tuesday) because I discovered last night that I only had a little Ribbon left and not enough to type the column. Since the ribbons are not available locally I jumped in the car and drove to Portland! Yep, thats right all for IRCA. Hi. If I would have ordered them, they would have taken several days to arrive I was told. Anyway, I normally wouldn't be caught like that, but I have been so busy this past Summer I ran out. I bought four this time and will have them for quite sometime. If anyone is wondering, Portland is about 180 road miles roundtrip. Luckily the malls are open to 9 PM. Hi. I finally received a OSL form letter from LPHR, which is now 1PPP-Canberra, Aust. after trying for a couple of years and three reports later. That gives me a complete set of the Low Powered stations above 1600 KHZ 300 and 500 watters., until the next one gets on. I have heard stories about a 5PHR-Adelaide and 6PHR-Perth. That one would be the toughie, especially with 500 watts, even if the frequency is clear. 500 watts at nearly 10,000 miles..I can dream can't I? Reports this week, we welcome a new reporter from Hawaii Douglas Lamerson-Honolulu. Report often and also a report from Rich Toebe from the DXpedition. So on with reports:

## PAN-AMERICAN DX ROUNDUP

- 820 MEXICO, Mexicali-KEYX-9/26-1337 pop mx, male anc'r ads "YX-820" in SS some KGO slop. (RT-CA1)  
1570 TURKS AND CAICOS, Atlantic Beacon 0750 9/13 and several other dates around this time powering thry CKTA and MEX w/usual canned program of Christian mx. Usually good for an hour at this level (DL-HI1)

## TRANS-PACIFIC DX ROUNDUP

- 153 U.S.S.R., Khabarovsk-FE 1220 9/13 1st notice of LWers MOR type mx vocals. RR talk-fair (RT-CA1)  
150 U.S.S.R., Petropavlovsk-1222 9/13 pop mx (Inst. version of Madonna mx) note new freqs in accordance w/treaty to move LWers to 9KHZ spacing, this year they moved ) Next year more change (RT-CA1)  
189 U.S.S.R., Blagoveshchensk-1254 9/13 mx, good signal, pips at 1300 (RT-CA)  
236 U.S.S.R., Hagadan-1254 9/13 weak signal.mx (RT-CA1)  
281 U.S.S.R., Yuzhno-Sakhalinsk-1239 9/13 RR talk mx/ vocals poor (RT-CA1)  
531 JAPAN, Horioka-J00G 1305 9/13 in well //HHK1 net, 594/666/937 (RT-CA1)  
540 t JAPAN, Yamagata-J0JG 1107 9/13 JJ audio noted but poor (RT-CA1)  
549 U.S.S.R., one of the monster FE xmtrs in solidly w/Harch mx at 1345 on 9/21. Appeared to s/off at 1400 which is early according to WRTH(DL)  
JAPAN, Okinawa-J0AP 1332 9/13 JJ singing slop from 550 (RT-CA1)  
567 JAPAN, Sapporo-J0JK 1344 9/13 in fair w//HHK1 //666 (RT-CA1)  
576 t JAPAN, Kagoshima-J0HG 1340 9/13 audio poor but sounded JJ (RT-CA1)  
585 JAPAN, Kushiro-J0PK 1342 9/13 oriental singing //594 poor (RT-CA1)  
594 JAPAN, Tokyo-J0AY-1006 9/13 in well w//JJ talk //666, J0BK also in well (RT-CA1)  
603 SOUTH KOREA, Hamyang-HLSA 1334 9/13 KK talk, good signal (RT-CA1)  
650 HAWAII, Honolulu-K0RL 0933 9/13 in strong w/Music of Your Life AM-65" ID (RT-CA1)  
657 NORTH KOREA, Kangnam-9/29 1109 doing well over K0RL/slop w/predictable commentary (My Korean neighbor translates the tapes) (DL-HI2)(That is handy. PH)  
+Also noted 1307 9/13 in w/fair signal (RT-CA1)

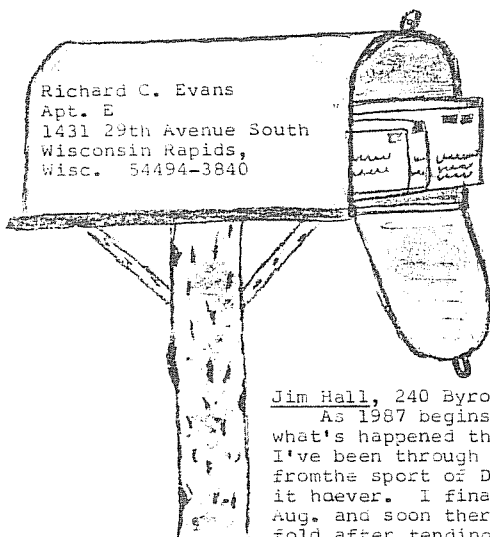
670 HAWAII, Hilo-KPUA-0846 9/13 call ID, into Bill Withers mx, Strong.(RT-CA)  
702 JAPAN, Hiroshima-J0FB HHK2 0945 w/EE lessons (DL-HI2)  
720 U.S.S.R., Yuzhno-Sakhalinsk-9/28 noted w/5 sec blips prior to 0930 s/on  
Then into JJ or CC w/female anc (DL-HI2)  
747 HAWAII, Eleele-KUAI 0849 9/13 o/u KDWN (RT-CA1)  
JAPAN, Sapporo-J0IB HHK2 0940 w/trad JJ mx //774,828, 673 on 9/20.  
Everything vy solid this AM (DL-HI2)  
+Also noted 0925 9/13 noted //702, 774, 828,873, 693 (RT-CA1)  
774 JAPAN, Akita-J0UB 9/26 1348 JJ talk in KPLA null, slight slop-better  
than I would have expected, easily readable if you know JJ.Hi. (RT-CA)  
FIJI, Suva-Radio Fiji 2 0551 9/13 woman talking good (RT-CA1)  
819 JAPAN, Synchros-HHK1 JOHK/JOIP 1326 JJ talk by M&F //666 (RT-CA1)  
830 HAWAII, Honolulu-KIKI-0956 9/13 KIKI w/Donovan mx in well (RT-CA1)  
837 UNID, 0937 9/13 oriental talk but unsure what it was out of practice.(RT  
JAPAN, Hiigata-J0QK 1242 9/13 JJ mx //666 good (RT-CA1)  
855 NORTH KOREA, Sangwon-1205 9/28 w/mx that was surprisingly contemp.  
to my KK neighbor (DL-HI2)  
870 HAWAII, Honolulu-KA1H-0721 9/13 rel mx o/new jumble on 870 (RT-CA1)  
891 JAPAN, Sendai JOHK HHK1 w/some sort of drama at 1100 9/28 somewhat  
weaker than usual HHK2 outlets this AM (DL-HI2)  
UNID, Korea or JJ 1123 9/13 audio, oriental lang. (RT-CA1)  
927 NORTH KOREA, Sairwon-1201 9/13 audio in, poor (RT-CA1)  
954 JAPAN, Tokyo-J0KR 1203 9/13 good,JJ talk (RT-CA1)  
963 U.S.S.R., Khabarovsk-1415 9/28 in briefly w/conversation (DL-HI2)  
972 SOUTH KOREA, KBS 1049 9/28 w/Report on Asian games and Olympic  
preparations. Like a ton. (DL-HI2)  
+Also noted 1308 9/13 in well w/talk (RT-CA1)  
1017 JAPAN, Fukuoka-J0LB 1309 in fair //HHK2 net (RT-CA1)  
1035 t SOUTH KOREA, Pohang-HLCP 1310 9/13 muddy audio but oriental lang. (RT-CA  
UNID, Prob. HZ 0800 9/13 hrd pips only, audio too muddy (RT-CA1)  
1044 CHINA, Shanghai-FS 1124 9/13 finally in, oriental talk (RT-CA1)  
1053 KOREAS, 1125 9/13 North Korea w/talk South Korea jammer joined in  
the fun. Good (RT-CA1)  
1098 MARSHALL ISLANDS, Majuro-WSZ0 0519 9/13 mx w/huge het from KFAK, I  
taped some of this (RT-CA1)  
1125 t JAPAN, Okinawa JOAD 1312 9/13 sounded JJ but fading in and out (RT-CA1)  
1152 t JAPAN, HHK2 JOFC/JOIB 1335 9/13 //HHK2 net fair to poor (RT-CA1)  
1206 UNID, Prob. Fiji from the past experience 0745 9/13 sig OK but slop  
from 1220/1210 (RT-CA1)  
CHINA, Yanji (FS) 1213 9/13 KK audio fair and readable (RT-CA1)  
1215 t KOREA, Chingu-HLAK? 1126 9/13 audio muddy but sounded KK (RT-CA1)  
1251 WESTERN SAHOA, Auala-2AP 0905 9/12 discussion having something to do  
w/canoes (Hawaiian lessons finally paid off) in weakly 10-15 min-(DL-HI1)  
1278 t JAPAN, Fukuoka-J0FR 1118 9/13 JJ audio noted, sig poor slop 1280 (RT-CA1)  
1330 t HAWAII, Waipahu-KLHI 0516 9/13 Big Band mx o/u rest of jumble (RT-CA1)  
(KLHI is on 1350, is this a typo?)  
1332 UNID, prob. Radio I 0815 9/13 audio too muddy to decipher (RT-CA1)  
1404 UNID, 0945 9/12 discussion in Polynesian lang thought to be Samoan  
Assumed to be 2AP, but WRTH says they are on 747. Inquiry out.(DL-HI1)  
(No, 2AP is still on 1404, according to a logging here about a month  
ago and also later loggings by Chuck Boehnke-Hawaii,PH)  
1475 MALAYSIA, Sabah-1055 9/13 woman talking in unknown lang. U.S. C&W  
mx played (Eddie Rabitt) Hot 1476 1KHZ het noted (RT-CA1)  
1476 UNID, Prob. Haarakai-0812 9/13 audio but too muddy to make out(RT-CA1)  
1566 SOUTH KOREA, Jeju-HLAZ 1250 9/28 noted in JJ (DL-HI2)  
+Also noted 1052 9/13 oriental talk in strong (RT-CA1)  
UNID, prob. 3HE 0818 9/13 muddy audio (RT-CA1)

#### VERIFICATIONS:

1620 AUSTRALIA, Canberra,ACT-1PHR, finally after 1 1/2 years or so and three  
reports a form letter QSL-I Vivian President-Radio One-Box 346-  
Belconnen, ACT, AUSTRALIA 2616 (PH-OR)

#### THANKS TO THESE REPORTERS:

DL-HI DOUG LAMERSON-1777 East-West Road-Honolulu, Hawaii 96845  
DL-HI1 DXing from Haka'apu'u, Oahu  
DL-HI2 DXing from La'ie Point, Oahu car radio/antenna in both cases  
RT-CA RICH TOEBE-2972 Martin Avenue-Pleasanton, Ca 94566  
DXing w/Sony 2010, no Loop  
RT-CA1 DXing from Anonovo, Sony 2010: 1200 ft Beverage  
PH-OR YER EDITOR



## EASTERN DX FORUM

Reports from members living  
east of the Mississippi R.

Deadlines: Fridays

This column typed 10/10/87

Jim Hall, 240 Byron Road, Pittsburgh, Penn. 15237

AS 1987 begins to wind down I'm looking back at what's happened this past year. Since Feb., '87, I've been through a lot which has taken me away from the sport of DXing - I was still active in spirit however. I finally ended up back in Pittsburgh in Aug. and soon thereafter was able to return to the fold after tending to other matters. So where I left off at the beginning of '87 I'm resuming.

Found an old forum written in Jan '87 which never made it to EDXF - here were the highlights at the

time: Received a most interesting verie from KUAT-1550, Tucson, AZ for my 10/86 reception. v/s Thomas Boone, CB of KUAT-AM/FM/TV sent v/l, bumper stickers and a radio program guide. Furthermore he returned the rp I sent (2 US 22¢) and replaced my tape (sent in report) with a mint studio cassette. To top it off he included a copy of a report he received from a Finnish DXer for his own 31 October 1986 reception of KUAT. The DXer was in the Finnish Arctic at a reindeer farm using a selection of 5 different 3000-foot wave-antennas. Tom commented "there seem to be quite a few DXers throughout the world" -- indeed, there are. / WCCZ-1550 was also being heard here at the time on their 86-watts night authorization. / KUUY-870 was heard in good cx, nabbed just before the change to the present 650 kHz, where I don't think they'll be heard here in Pittsburgh. / And about one year ago I received a few carriers that were likely of TP origin, this being the subject of numerous forums by experts in the field. If I didn't say it before, gentlemen, many thanks for all the comments and help with these tantalizing UNID's -- I plan to listen for these once again this season. In that forum I also detailed the strategy of ECSS DXing: .....on a rx such as the ICR-71A, ECSS DXing (that is, exalted-carrier selectable sideband) has provided the very tight selectivity required at such an inland location as mine (due to domestic frequency congestion and slop) has enabled TA reception even on such closely situated frequencies like 1521 (Czech/Saudi/Spain), 1539 (W. Germany/Spain), 891/531 (Algeria), etc. On a good midlatitude TA night even Vatican-1611 can be easily separated from normal pest Anguilla-1610, or Malta or France can be nicely divided from regular Cayman-1555. For those of you unfamiliar with the ECSS technique, it is simply the tuning of a signal as if it were SSB. This enables reduced interference (QRN) and lower distortion, and I'm also afforded the effective use of the notch circuit (not yet modified for use in AM mode) to eliminate contiguous carrier's hets. This method is used almost exclusively here on close-frequency situated stations (LA & TA) and I recommend its use highly, although there are a few minor drawbacks, like affecting bandscanning (each carrier must be given individual attention for the required fine-tuning procedure) or the phase mismatch of up to 5Hz (per IBS) -- but they're a small price to pay to hear the solemn chanting of Saudi Arabia-1521 from over 5000 miles away; esp. the latter since the mismatch is almost purely just technical, and is (per WRTH) "...not noticeable in this pedestrian audio environment". (end) (continued next week--rce)

Rick Evans, 1431-E 29th Avenue South, Wisc. Rapids, Wisc. 54494

Another week, another column, hi. Good news on the verie front: Two of them this week: KWSL-1470 IA and WOGO-680 WI for the first veries I've

received since May, 1983. Both were letters. Totals now are 155/2, S/P are 24/2 and 3/0. I just keep knocking off my most wanted stations, WNDZ-750 heard here during SSS on 10/10. I'll have to re-write the list soon. My wife was over at the Goodwill store in town a month or so ago, and came back complaining about how dingy and useless the place, nothing there worth looking at, let alone worth buying. It got my interest up, so I wandered over there on 10/9 just to see for myself. Would you believe 8 or 9 GE Superadio II's for \$38.99 each? Each in their own original box, which was torn or crushed, but the radios looked brand new and unused. Unfortunately, I didn't have the money for it, but when I do, I'll be back! I'm not really much of a sports nut (I just follow the Detroit Tigers in baseball), but when the play/offs rolled around this season, several of us at work wanted to listen to the American League games. The problem is that we work in an old foundry building, so it's well built and doesn't let long distance radio in. One of the radios was able to pull the games in--in a fashion--but with some severe fading at times. I had my old portable out on 10/8, and we noticed the fading on radios were at the same time, so it wasn't the radio. The only station we got the games on was KMOX-1120. No luck with WCCO-830, WBBM-780, or WJR-760, all of which were carrying the games, as I had heard each of them previously with promos for the games. Gotta run. 73.

### **ICOM R71A Mods, Tricks & Tips**

R71A owners take note! Here are some ideas for your receiver, gathered from various sources:

**TRICKING THE R71A TO TUNE BELOW 100 KHZ.** This receiver is designed for VLF reception down to about 97 khz. The following steps will confuse the microprocessor sufficiently to permit reception down to 0.0 khz! (A Vavetek 180 sweep-function generator was used to verify that the R71A indeed tunes below 100 khz.)

1. If all 32 memory channels contain frequencies, use the FUNC and CLEAR buttons to clear a memory channel.

2. Place VFO-M switch into the M (memory) position.

3. Using all the manual dexterity you can muster, rock the Main Tuning knob back and forth, while simultaneously rocking the MEMORY-CH rotary control to switch between a memory channel with a frequency in it and a clear memory channel. Continue rocking both the controls until a frequency of 0.000.0 appears on the digital display.

4. Depress the WRITE button. This stores the 0.000 Khz frequency in a memory channel. You can now rotate the Main Tuning knob clockwise to tune up from 0.000 Khz to the frequency you want. Be careful! If you rotate the Main Tuning knob counterclockwise, the radio will immediately revert to 29.999 Khz.

5. To tune below 100 Khz in the future, just recall the 0.000 Khz frequency from the memory channel and use the tuning knob to tune upward.

**RESUME SCAN FUNCTION.** For the "Resume Scan" function to operate as described on pg. 13-14 of the R71A Manual, the "Scan Stop" function switch (fig. 7-3, pg. 20) must be in the "timer on" position. As shipped from the factory, this switch is in the wrong position.

**CW MODE.** If either the FL-32 or FL-63 CW filter is installed in the R71A, the filter switch (fig. 7-1, pg. 19 of manual) MUST be slid to the left (ON) position or the new filter will not operate. This caveat was not included in the owner's manual.

**THREE VFOs.** The R71A actually has three VFOs. The 3rd one is the memory mode; any frequency may be changed simply by rotating the tuning dial. The memorized frequency will not be lost.

**FOUR TUNING SPEEDS.** There are actually four tuning speeds on the R71A, depending upon the position of the tuning speed (TS) switch and the rotational rate of the Main Tuning knob. Curiously, with the TS switch activated, the incremental tuning speed is greater when the dial is turned slowly than when it is turned fast! With the TS switch in, tuning rate is 2 Mhz per revolution in 1-Khz steps when turned slowly, but 1 KHz per revolution when turned fast. With the TS switch out, tuning speed is 2 KHz per revolution (slow) in 10 Hertz increments, and (fast) it is 1 KHz per revolution in 50 Hertz steps.

**IMPROVED MW SENSITIVITY.** This mod will allow the preamp to operate at the broadcast band, while shutting off automatically below 500 Khz. Gain is about 1-5 db. To make the modification, remove the top screws and top of the cabinet. Locate the RF unit on the right side and find the two BA618 bandpass filter ICs. Locate diode D23 about an inch to the left and cut the upper lead. Bend it out of the way, making sure it doesn't touch any other component.

**MORE MW & LW IMPROVEMENTS.** Remove attenuation circuit consisting of R11, R12, R13 and C78 on the RF board, and connect L53 directly with L52-D10. Add a 1 mH choke between the LBA input and the chassis to drain off static charges. L59 should also be changed to 1 mH to increase VLF sensitivity.

**AUDIO RESPONSE.** To reduce bass response & hiss (for better voice clarity), connect a 250uF capacitor in parallel to C73 on the MAIN board, which increases tone control range. Connect a 47uF electrolytic near J5 between SP3 and chassis to reduce hiss (watch polarity!). Reduce C131 to 47uF and put an electrolytic capacitor between 1uF and 4.7uF in parallel to the phones jack. Values depend on the impedance and personal preference. If the REMOTE switch is not used for its intended purpose, a 330mH choke, connected between C125 and R164 on the one side and the Remote switch on the other side, may be switched to ground, thus forming a high pass filter. The REMOTE switch now acts as a "SPEECH-MUSIC" selector.

**AM SELECTIVITY.** Whoever is prepared to do without the LOCK function can utilize this SPDT switch for a bandwidth selection in the 3rd IF irrespective of the mode selected, by switching the connections (D39)-R91 and (D36)-R88. This permits the cascading of two quartz filters (2nd & 3rd IF) in AM. This is great for DXing, and gives a WIDE bandwidth for SSB. Access to the LOCK switch is not easy, however, and requires quite careful work.



# Western DX Forum

★ ★ ★ ★

IRCA - The 51 Club of the Broadcast Band SW's

Editor: Ric Heald • 8539 Bellamy Way • Sacramento, CA 95828 USA • (916) 386-8677

DEADLINES - WEEKLY ON TUESDAY 11 DATE PRIOR TO PUBLICATION DATE

NICK HALL-PATCH, 1538 AMPHION ST., VICTORIA, BC V8R 4E8 CANADA

I'm sorry that Gene Martin has to shut down his listening to Japanese (JJ) stations in early May, because they never quite seem to be blocked out here in the signal path. Even on June 21st, there's about 30 to 45 minutes of darkness path in the ionosphere between Japan and Vancouver Island. Although little more than carriers are heard with the loop at home, a 2000-foot Beverage at Jordan River yielded a number of JJ on 13 June of this year and included JOUE 774 at thunderous levels and a pair of 10 kw NHK stations on 1152 which I'd never logged before at any time of the year.

I fear, however, that there is some misplaced terminology in Gene's description of how often he heard JOIB 74? throughout the year (DXM #789). He feels that the midwinter anomaly (MWA) blocks reception of Europe in Denver, yet doesn't affect reception of Japan in Denver. I suspect that old bugbear, the auroral zone is more to blame for TA lack on certain paths especially from northern Europe to the central USA. The early descriptions of the MWA were used to try to explain the well-known phenomenon that DX reception, especially on northern paths, peaks between late September and early November, then, until late February, high latitude DX is possible, but not nearly so regular or so strong as in the early fall. A second and more minor peak occurs in March and early April. With the long periods of darkness in the northern hemisphere, one would expect signals on northerly paths to peak around 21 December, the longest night of the year, but it just ain't so. See IRCA reprint T54 "Seasonal Variation in Medium Wave Reception" by Bruce Portzer. Until we start to have charts showing regions of daily ionospheric absorption available along with explanations of why such absorption exists, we can only offer opinions about what is absorbing which stations.

At first glance, Gene's thesis that the MWA doesn't affect Japan-Denver paths seems to be borne out by his observations. However, no relative signal strengths are given, so if most October receptions of JOIB produced audio, and most January receptions produced only carriers, the MWA would still be valid, as such general variation in signal strength would be expected. One other fly in the ointment is that the winter of '86-'87 was pretty mild in North America due to some normal Jet Streams going elsewhere. As it's theorized that the Jet Streams may have some relationship with the MWA, 1986-7 may not have been a good season to prove a point. I admire Gene's tenacity in monitoring JOIB so extensively, and only wish that I could consistently get up early enough to do the same.

Gene also mentioned a conspicuous absence of JOIB between September 12-21, 1986; this relates well to a major geomagnetic storm on 12 September which yielded some fine DU reception for me at Sombrio Beach two days later. Conventional wisdom says that the auroral zone moved south due to the storm on 12 September, then slowly retreated northward to once again allow reception of JOIB. 73.

RIC HEALD, 8539 BELLAMY WAY, SACRAMENTO, CA 95828 (916) 386-8677 FRI/SAT

Hellow out there (I've picked up Nyholm's spelling, hi). It's the Nick and Ric show this week. Nick's forum has inspired me to jump into the subject.

Many of you know I lived in Alaska from '65 to '69, first three years in Sitka where I logged over 100 DU's, in summer! The last year spent in an Indian village 150 miles north of Fairbanks and 30 miles north of the Arctic Circle in the beautiful Yukon Valley.

From Venetie, it seemed the Northern Lights (which were only white most of the time) had a major factor in reception. With a 300-foot longwire and a Trans Oceanic receiver, I would be listening to WSAR 1480, go downstairs to make coffee, and ten minutes later WSAR was replaced with a solid Japan. And remember, I was only 3,000 miles from central Europe (over the Pole) and R. Luxembourg would cook all day long. They appeared in early October when there was still plenty of daylight and lasted until I left in late April.

There seemed to be a window affect at times. One morning I heard s/ons from low power daytimers through Kentucky, Tennessee, North and South Carolina, only. New England was quite consistant in the late evening (Alaska Time), but one night conditions shifted slightly southward and New York City, Philadelphia and through New Jersey. Atlantic City 1450 is on tape. Then another night logged a Class IV (on 1400 I think) from North Dakota, all alone on the channel with Manitoba really cooking. Would someone like to explain this limited window affect? Some nights you were lucky to hear Fairbanks.

Everyone in the village had short longwires just to hear Fairbanks. I spent my winter evenings next door playing Scrabble (not much to do in a village of 104 folks with no electricity or running water - you should be in an outhouse at 40 below, it freezes on contact, hi), and we'd be listening to KFAR. When I'd hear QRM on KFAR, I knew either WNBC or someone across the Pacific was coming in, finish the game and return home to DX.

Europe was heard daytime (our time) which made sense because it was night there and dark nearly the entire distance across the pole. I think I replaced the batteries in the Trans Oceanic every other week just to make sure I had max pulling in power.

You FM experts, please explain this one. KIIQ 104.5 ("K-Q") Reno is usually the dominant over San Francisco. Sac. is halfway between the two cities. However, the Sierras are double the elevation of Reno and it's nearly flat between here and S.F. K-Q's tower isn't that much higher than Reno. Now then, how is this FM signal coming up and over the Sierras and burying KFOG? This reception shoots down all theory.

Finally, what's the call for ex-KNGS 620. KCLQ? Heard them // with their FM on 10 October, then at Noon, in the middle of a song (they're rock oldies), cut the music, a few seconds of dead air and into ranchera music and a YL DJ who gave calls again in EE then in SS and continued. No legal ID I might add. And the voice modulation was at about 70% with the music nearly overpowering her.

That's it for another edition of WDXF. Hey folks, plenty of room for the rest of y'all to jump on in here. See ya in 7 and 73 de Rth. .



August 11, 1987

Mr. Peter V. Taylor  
Taylor Communications  
490 Post Street, Suite 1701  
San Francisco, CA 94102

Dear Mr. Taylor:

Thank you for taking the time to write to us about the City of Monterey's Traveler Information Station.

The City of Monterey applied to the Federal Communication Commission for a license to operate a Traveler Information Station in 1986. Our first official broadcast was in May of this year. These stations are operated on 10 watts or less on the AM dial with a broadcast range of between 2-4 miles and are noncommercial. The antenna configuration was designed by a communications consultant who assisted us on the project. I have enclosed a copy of the antenna diagram. The antenna is located in the parking lot adjacent to the Police Department.

Signing indicating that Parking, Traffic and Emergency Information is available by tuning to 1610 AM is posted at the major entries to the City. Additionally, we had extensive media coverage of the new station so that local residents would be aware of this new service. A newsletter with a feature article on the system will be delivered to each household within the next three months.

Thank you again for your nice comments about our new system and if I can provide you with any additional information, please let me know.

Sincerely,

*Jo Lyons*

Jo Lyons  
Administrative Assistant  
Public Facilities Department

IRCA VERIFICATION-SIGNERS COLUMN

Editor: TIM HALL 350 G St. #F-1, Chula Vista, CA 92010-4505

Deadlines: Last Friday of the month -- 10/30 11/27 12/TBA

COLUMN # 10

10 / 5 / 87

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS		WHAT	WHEN	HOW
530	CJFT	( CHIEF ENGINEER )	BOX 530	FT. ERIE, ON	L2A 5Y1	LM	45 PH
540	KSHO	ROBERT TURNER, CE	10880 WILSHIRE BLVD.	LOS ANGELES, CA	90024	LM	43 PH
570	KQNG	JOHN WERNER, PD	2956 AUKELE ST.	LITHUE, HI	96766	L	10 PH
590	KAGD	BARRY WILLIAMS, PD	BOX 8036	SPOKANE, WA	99203	L	8 PH
610	CJAT	BOB DAVIDSON, CE	1560 2ND AVE.	TRAIL, BC	V1R 1M4	L	35 TRH
630	KWRO	DAN HAVEL, PD	BOX 250	COQUILLE, OR	97423	P	56 PH
700	KHJY	JIM & HELEN STARGEL, GM's		OLD TOWN, ID		L	69 PH
720	REBELDE	JORGE LUIS HAS ZABALA, JEFE DPTO. RELACIONES PUB.	CALLE 23 8250, LYN VEDADO	HABANA, CUBA		QL	126 PH
770	CHBR	MEL HOYME, CE	125-9 AVENUE SE	CALGARY, AB	T2B 0P6	L	16 PH
	KKOB	??? DIAMOND, CE	BOX 1351	ALBUQUERQUE, NH	87103	Q	37 PH
820	KBWN	RICHARD HARRIS, CE	2815 SECOND AVE.	SEATTLE, WA	98121	L	42 PH
		[ TEMPORARY CALLS USED DURING THEIR ACQUISITION OF KQIN. GOOD CATCH, PAT !! -- TRH ]					
	KBWH	RICHARD HARRIS, CE	2815 SECOND AVE.	SEATTLE, WA	98121	LM	42 PH
880	CHQT	BOB HUNTER, CE	10130 103 ST.	EDMONTON, AB	T5J 3M9	L	18 PH
890	CJOC	MIKE HICHAUD, GM	901 102 AVE.	DAWSON CREEK, BC		L	15 PH
900	KEYK	WILL VOS, CE	BOX 79	WENATCHEE, WA	98801	L	7 PH
920	NBAA	DAVID BUNTE, GM [ K9FN ]	ELLIOTT MUSIC HALL, PURDUE	W. LAFAYETTE, IN	47907	L	26 TRH
950	KNTX	( CHIEF ENGINEER )	BOX 1183	HELENA, MT	59624	L	34 PH
1020	WPED	ROBERT ULRICH, GM	1708 HIGHVIEW RD.	EAST PEORIA, IL	61677	P	24 TRH
1040	CIOF	PAUL MC KNIGHT, CE	1199 W. PENDER	VANCOUVER, BC	V6E 2R1	QL	23 PH
1050	KEYF	DON CARY		SPOKANE, WA		P	47 PH
	KOFY	STAN WALKER, CE	1818 GILBRETH RD.	BURLINGAME, CA	94010	P	79 PH
1080	KVNI	WARREN BROWN, CE	BOX 308	COEUR D'ALENE, ID	83814	L	16 PH
1090	CKKW	LYNDA BEVAERT, ENG. SEC'Y	864 KING ST. W / BOX 1026	KITCHENER, ON	N2B 4E9	LM	21 TRH
1130	KBHR	( UNSIGNED )	BOX 1233	BISMARCK, ND	58502	LrB	31 TRH
1150	KEYZ	JOHN W. PRICE, CE	BOX 31389	SEATTLE, WA	98103	L	31 PH
1240	CFEK	RENE ROBB, PD	BOX 1170	FERNIE, BC	V0B 1M0	LB	28 TRH
1270	KPLY	BARRY K. SYBLE	680 GREENBRAE #240	SPARKS, NV	89431	L	49 PH
1290	KDND	PHILLIP H. RAKSEY, CE	PO BOX 1290	LARAHIE, WY	82070	L	27 TRH
1330	CJYH	J. HEATH GABROCH, PROMO DIR	BOX 490	ROSETOWN, SK	S0L 2V0	L	34 PH
1340	CFHC	ROB TYSON, DJ / SX / PROMO	BOX 1450	CANNORE, AB	T0LOHO	L	28 TRH
	KTDQ	SCOTT KEARNS, PD	PO BOX 1680	RAPID CITY, SD	57709	PD	24 TRH
1360	KKHO	RON SIMPSON, CE	BOX 1277	TACOMA, WA	98401	LM	8 PH
1370	KXTL	ANDRE MARTELL, OFF MGR.	BOX 3788	BUTTE, MT	59702	L	20 PH
	WPRC	HINDY LEE, PD	PO BOX 190	LINCOLN, IL	62656	P	25 TRH
1400	WPHD	MARK ROYAL, ASST PROMO DIR.	425 FRANKLIN ST.	BUFFALO, NY	14202	P	20 TRH
1410	KKUL	GEORGE FENDEL, PD	4700 SW COUNCIL CR. DR.	PORTLAND, OR	97201	L	15 PH
1420	KRIZ	ROD SHEFFER, CE	249 SW 41ST	RENTON, WA	98055	L	18 PH
1450	CFHC	ROB TYSON, DJ / SX / PROMO	BOX 1450	CANNORE, AB	T0LOHO	L	28 TRH
	KXND	CHRIS MURRAY, CE	205 WEST 8TH	EUGENE, WA	97401	L	7 PH
1460	KCKX	JOE C. HENRY, CE	BOX 139	STAYTON, OR	97383	L	113 PH
1490	WBTA	JAY MORAN, OP MGR.	438 EAST MAIN ST.	BATAVIA, NY	14020	L	23 TRH
1500	KVSN	DONALD W. TROSPER, OP MGR.	BOX 4207	TUNWATER, WA	98501	L	4 PH
1580	WP6C	THOMAS MC GINLEY, CE	BOX 10239	WASHINGTON, DC	20018	LM	40 PH
1600	KHVP	GIRARD WESTERBERG, CE	7075 WEST HAMPDEN AVE.	DENVER, CO	80227	L	34 PH
	WXVI	RALPH FEATHERSTONE, MGR.	BOX 4280	MONTGOMERY, AL	36195	L	22 PH

WHAT was received: Q=QSL card, L=Letter, P=Prepared card, Lr=rpt used as verie, B=Buaperstickers, H=Map.

WHEN did the reply come: Number of days elapsed. f = Follow-up report ( or phone call ) was necessary.

Contributor: PM -- PAT MARTIN, Box 843, Seaside, OR 97138

Only ten days after the last column was mailed, we already have another full page !! Since the bulletin will be coming out weekly by now, I couldn't see letting these tips sit around for almost a month.

THANKS to all who kept this column going all through the DX-summer months !! Several people have asked me for general tips on how to get a station to verify. Some thoughts come to mind: 1) ALWAYS enclose return postage ( I also include a return address sticker, and have been thanked for doing so ); 2) Don't rely on SINPO codes alone -- EXPLAIN what the reception was like; 3) Make the report more verifiable by CAPITALIZING and UNDERLINING things like slogans, sponsor's names, and other solid program details; 4) Unless I have a verie-signer's name on file for a station, I write to the CE or PD at larger stations, and the GM or PD at small stations -- seems to work a bit better than writing to a CE who may not even be there full-time; 5) Consider using a PFC ( especially when writing to small stations, or stations which aren't exactly "DX" from your location ); and 6) Consider sending the station a THANK-YOU note, especially if they sent you something nice, SO THE NEXT POOR SLOB WHO WRITES ( LIKE MAYBE ME, hi !! ) has a fighting chance of not getting his/her report thrown in the OLLIE NORTH machine !!!

Now, how about you ?? What techniques have YOU found successful, and why ?? See you next month !! -- Tim

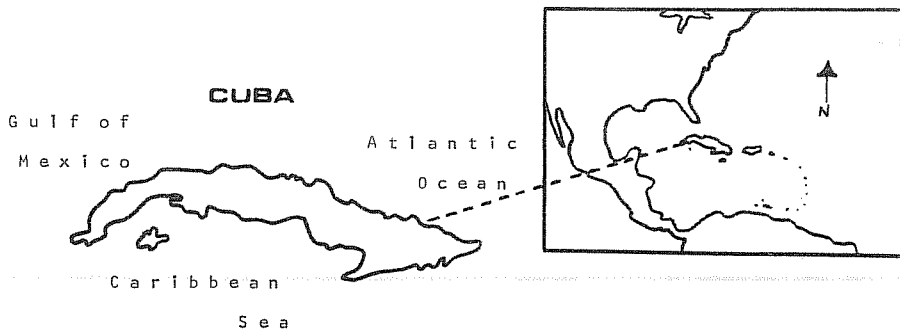
# radioreloj

CUBAN BROADCASTING: A LOOK AT RADIO RELOJ 

- OCTOBER 1987 -

The following article is composed from observations published in IRCA DX Monitor columns DX Worldwide-West / DX Worldwide-East, current WRTH information, and the FCC's Cuban Standard Broadcast List. In this article an analysis of the Cuban Radio Reloj outlets will be offered, including frequencies and information on QSLing the network.

Information herein is as accurate as possible compared with DXer observations, WRTH and FCC information, however, frequencies, powers, etc. are frequently/occasionally subject to change on Cuban MW outlets. Any developments will likely be reported in DXWW-W or DXWW-E. Readers should consult these columns from time to time to keep abreast of conditions. Any corrections/amplifications should be directed to the DXWW-E editor.



Radio Reloj (CMCD) is the official station of the Instituto Cubano de Radio y Television's (ICRT) "Noticiero Nacional de Cuba", and is the country's official time standard. The network is familiar to most of us with their 24-hour continuous news and commentary format in Spanish, with items alternated by male and female announcers. In the background are clock-like ticking pulse markers for the seconds (for which Radio Reloj has been affectionately nicknamed "the Cuban Minuteman" by some), and each minute a "Radio Reloj" ID (Spanish pronunciation "rah'-de-o ray-lo' ", given by man), TC, time pip, and a brisk morse code "RR" ID. Occasionally in the past descending chimes were substituted for the code "RR", but this is rare and hasn't been heard for some time. The time pip and morse RR ID's pierce through the jumble nicely, a characteristic advantageous to the alert DXer. The format is unique and is not difficult to ID on the crowded regional channels, where most of the Reloj transmitters are located, and basically cannot easily be confused with other stations. All frequencies run in parallel (//) making a positive identification generally easy for DXers. In the northeast, when conditions allow, it is not uncommon to find several of the "domestic service" outlets at very good levels, often dominating their frequencies. Tips on IDing Reloj parallels: For DXers with receivers incorporating keypad frequency entry (i.e. ICOM R71A) - Tune to one freq. where a Reloj outlet is being received, wait for the time pip on the minute, then immediately punch in another known Reloj frequency and listen for the shrill morse "RR" to slice through. For other receivers, I've had good results using a timer or stopwatch. Just find a freq. where a Reloj is audible and start timing a minute after the pip/RR on the minute, then switch to another known Reloj frequency - 60-seconds later listen for a pip and the familiar "RR" in code in the QRM. Most frequencies in the cadena seem to have good DX coverage -- 1270 has even been reported in the western US.

radioreloj

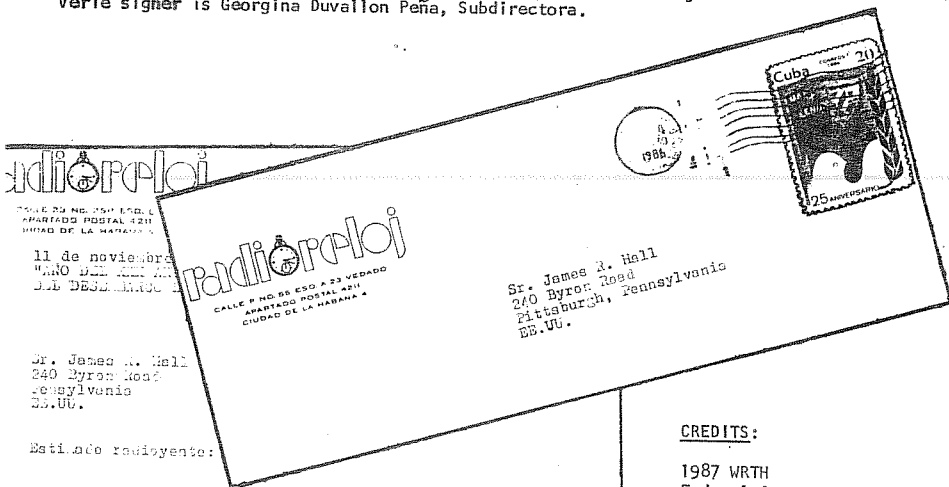
CALLE P NO 56 550 A 23 VEDADO  
APARTADO POSTAL 4211  
CIUDAD DE LA HABANA - C



In the past, for obvious reasons, some of these outlets have been noted drifting to split frequencies. Most notable is 1180 (to 1181a) which usually seems to be giving the US's Radio Marti-1180 problems. Others noted drifting were in the midband area (900's) in late 1986, notably 930 (to 931), possibly in response to the Costa Rican VOA operation on 930. These are all documented in past IRCA DX Monitor columns. The following is a frequency list where Radio Reloj transmitters have been observed and reported:

FREQUENCY:	COMMENTS:
590 kHz	-xmtr ex-570, or is this the old Rebelde-590 outlet?
700	-still on?
760	
790	
910	-possible capacity for superpower on 790
920	
940	
950	
960	
980	
1180/1	-primary source of QRM to Marti-1180
1270	
930	

Radio Reloj was verified easily - a report in Spanish to the address in WRTH (or on their stationery). A nice letter and bumpersticker-sized radio reloj decal were received within approximately 3½ months. I always recommend return postage (according to common practice) when requesting varies from mediumwave stations, but since Radio Reloj falls under the Cuban Ministerio de Comunicaciones (MC) and is on a National Network (financed and run by the government) no rp was included in my report. The following is a sampling of a "QSL" received from Radio Reloj. Verie signer is Georgina Duvalon Peña, Subdirectora.



11 de noviembre  
 "CALLE P NO 88 ESQ. A 23 VEDADO  
 APARTADO POSTAL 4211  
 CIUDAD DE LA HABANA A  
 CUBA"

Sr. James R. Hall  
 240 Byron Road  
 Pittsburgh, Pennsylvania  
 EE.UU.

Sr. James R. Hall  
 240 Byron Road  
 Pittsburgh, Pennsylvania  
 EE.UU.

Estado radiocvencia:

Aviso recibo de su reporte de transmisi. de Q/LU/AG que agradecemos profundamente.

Los datos que remite coinciden con los de nuestra estacion Radio Reloj, unica en el mundo, por sus caracteristicas de transmisi. - solamente noticiosa y la hora: cada minuto.

Valoramos altamente su carta y nos alegra saber que a tanta distancia nos pueden escuchar, muy es especialmente por el hecho de que transmitimos en onda larga.

Adjunto una calcomania con el logo de la estacion para su coleccion.

A manera de los investigadores de Radio Reloj, la salud.

*Georgina Duvalon Peña*  
 Georgina Duvalon Peña  
 Subdirectora

CREDITS:  
 1987 WRTH  
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 The active worldwide column  
 reporters in IRCA.

Written exclusively for the  
 IRCA by Jim Hall-DXWWE.

# Slogan List Updater 6

Rich Toebe • 2972 Martin Ave. • Pleasanton, CA 94566

PREVIOUS UPDATERS: 2-8-86; 4-26-86; 11-1-86; 4-25-87 and 5-23-87

It's time for another slogans updater, with help from Shawn Axelrod, Tim Hall, and Doug Nyholm; much appreciated! Slogans were also obtained by painstakingly (hi) reading umpteen issues of DX Monitor and DX News. Abbreviations used in this list: (rp) remove parentheses; (rsw) replace slogan(s) with; (\*) daytime; (//) station relays another; [:SS, :FF, :EE] station primarily broadcasts in Spanish, French, English (latter for PQ and Mexican border stations listed); (del) delete; R. means radio, stn. is station; "[Tulsa's/The] Hot Rocker" means that it's both Tulsa's Hot Rocker and The Hot Rocker. Comments on the new typeface are solicited; is this an improvement? On with the slogans...

540	KSHO-CA*	(add) Your show tunes stn.	640	WOI-IA*	(add) Your news and information stn.	
	WDAK-GA	(add) All oldies all the time		WNNZ-MA	Wins R.	
550	KUZZ-CA	(add) California Country		WWLS-OK	(rsw) Oklahoma City's Classic 6-40	
	KUSA-MO	(add) America's Music, 55, The Gateway's #1 Music Stn		WCRV-TN	(add) Voice of the Deep South	
	KBOW-MT	(rsw) Country 5-50		650	WSM-TN	The 50,000 watt Blowtorch of the South (hi)
	WGR-NY	AM 5-50, Buffalo's 1st R stn		660	WVAL-MN	(add) Granite City's Golden R.
	WHLM-PA	Power 106 [//FM]		670	KWNK-CA	(add) Playing the valley's favorites
560	WEBC-MN	AM 56		KBOI-ID	(add) Just for you	
	KMON-MT	(rsw) Serving Montana for 40 years, Keep it country, 5-60 R., Stereo 5-60 Country delete, now WVOC		WMAQ-IL	(add) The new MAQ	
	WIS-SC	The Voice of Columbia		680	KNBR-CA	Talkmaster R.
570	KRQX-TX	delete, now KLDD		WCNN-GA	delete, now WGTW	
	KLDD-TX	K-Oldie		WGTW-GA	Stardust 68	
	KLUB-UT	(rsw) 57, The Oldies Channel		KFEQ-MO	We're in touch with you, Playing your favorite country music	
580	KMJ-CA	(add) News 58		WRVR-TN	[Memphis/The] Oldies Channel, 68 Gold, Where something good is always playing, [Best songs/ Greatest hits] of all time, All oldies all the time	
	WIBW-KS	(rsw) Best in the Midwest		CJOB-MB	(add) Working for Winnipeg	
	KCMX-OR	(rsw) Music and memories		690	WVOK-AL*	(add) Full service R.
	CKUA-AB	Access Network R.		KRMX-CO*	R. Mexicana [when :SS]	
	CKY-MB	(add) Continuous light rock and less talk		WADS-CT*	The Valley's Best	
590	WPLO-GA	delete, now WKHX		WJAX-FL	delete, now WAPE	
	WKHX-GA	Kicks		KKUA-HI	delete, now KQMQ	
	KID-ID	More of what America's talking about		KQMQ-HI	Hawaii's best music, Hot Rockin' Flame Throwin', 93 FMQ, Super Q [//FM]	
	WRTH-IL	AM 59, The stn for the music of the stars		KBLI-ID*	(rsw) The place for great music and memories, AM 69, AM 6-90, All the songs you remember, Hits of the 40s 50s and 60s	
	CKEY-ON	(add) Toronto's favourite music; More of the music you want to hear, Toronto		KEYR-NE*	The Valley's Favorite, AM 6-90, Music and memories 24 hours a day	
600	KHTE-CA	(add) Greatest hits of all time		WCKK-WI*	delete, now WLKE	
	KLZZ-CA	delete, now KKLO		XETRA-MX	(add) The Oldies Stn.	
	KKLO-CA	The Q, Q-106 the better music fix, A better mix of music [//FM]		WLW-OH	AM 7 Hundred Stereo	
	KIIX-CO*	AM 6 Hundred		710	WAQI-FL	(add) R. Mambi Cuba [:SS]
	WKLW-KY*	Stereo 6 Hundred		WEKC-KY*	Your place for all the hits	
	CFCH-ON	Hit R.		720	WWII-PA*	W2, AM Stereo 7-20
	CFQC-SK	Light favourites of the 60s 70s and 80s		730	WLOR-GA*	K-73
610	KCSR-NE*	K-61		KSVN-UT*	(rsw) R. Siete Treinta [:SS]	
	KZSS-NM	(add) 6-10 K-Star		WCPT-VA*	(add) Motown and more	
	WUSQ-VA	(add) AM "Q"		CKDM-MB	(add) Music at its best, Your music leader, 73 Rock	
	CKTB-ON	B 6-10				
620	WWLX-AL*	(rsw) The new sound of AM62 700				
	WHEN-NY	(add) Stereo 62				
	WDNC-NC	(rsw) Choice R. 6-20,				
	WVMT-VT	62 VMT				
630	KIDO-ID	(add) Sunny 63				
	KTKK-UT	(add) K-Talk AM 63, Your official Trappers baseball stn				
	CFCO-ON	AM 63				
640	KFI-CA	(add) Classic 6-40, The stn you can depend on for LA's most frequent traffic reports				

730	CHYR7-ON	The Amazing AM	920	KORK-NV	(add) Las Vegas' #1 AM
740	KSSS-CO	(add) A better variety of all your favorites		KKLS-SD	(add) The stn. that plays the classics
	CBX-AB	CBC 7-40		KXLY-WA	News Plus 9-20
750	WNDZ-IN*	AM 7-50, Chicagoland Christian R., Sharing the word throughout your day		CKCY-ON	Q 104 [//FM]
	WBMD-MD*	(add) AM 75	930	KSEI-ID	(add) Your R. stn.
760	KJIM-CO	The Spirit of 76		KLCY-MT*	(add) Light rock; proud to be playing more music than any other Montana R. stn.
	CKQR-BC	(add) The Spirit of the West Kootenay's QR 7-60. More music per hour	940	WMIX-IL	AM 94, Playing all the hits
770	KPLA-CA	77 West, Your Positive Alternative, Your Superstation		WGFP-MA*	(add) Your good music stn
	WEW-MO*	Super 77, Big Band R. for St. Louis		WCSY-MI*	(rsw) 98.3 Cozy FM
	KATL-MT	(add) The Winning Stn.		WLVN-MI*	delete, now WIDG
	WYRV-VA*	The Power Stn.		WIDG-MI*	Golden 94
780	KROW-NV	(add) Something to crow about		WCPC-MS	Houston 9-40
	WBBO-NC*	delete, now WHCH		KVSH-NE*	Country 94
790	KFLI-CA	(add) K-Fly		KGRL-OR	K-Girl
	WAKY-KY	delete all slogans		WVLV-PA*	Town and Country
	WTNC-NC*	Sunshine R.		WKGM-VA*	(add) 94 KGM
	KFGO-ND	The Spirit of the Valley	950	CJIB-BC	(add) All your favourite music on one stn.
	WMC-TN	79, where the news comes first		KOEL-IA	R. 95
800	KLTT-CO*	80 K-Light, Your Celebration Stn.		WXGI-VA*	(rsw) I-95, Central Virginia
	KXIC-IA*	(rsw) Kicks, Kicks 8 Hundred		WOBE-WV*	Old Country Greats
810	WKZN-VA*	KZN		CKBB-ON	Classic Country for Charleston
820	WCZE-IL	(add) 8-20 AM is Cozy, Less talk and more music, It's back to back easy favorites, right here all the time			Your music and information stn., 9-50 and 14 hundred [//CKCB-1400]
	WZYQ-MD	(rsw) 82-Q	960	KAVR-CA*	(add) AM 96
	WOSU-OH	(add) News 8-20		WPRT-KY*	(add) Pure and simple
	XEYX-MX*	YX 8-20 [Ee-gree-ay-gah Eekes Ocho Viente] [:SS]		WHYL-PA*	Adult 96
830	WMMI-MI*	The Big Bopper		CFAC-AB	(add) Calgary's best country
850	WYDE-AL	(add) AM 85 Wide, Spirit of Birmingham	970	WAVG-KY	(add) Your exclusive real Redbirds stn.
	WOZO-NY*	delete, now WQKA		WESO-MA*	Bright 9-70
	WQKA-NY*	OK 8-50		KBIT-MT	(add) 97 AM, Playing a better variety of music
	WEEU-PA	Your sports leader		KNUU-NV	(add) Southern Nevada's only news & information stn
	WJAC-PA	(rsw) The Oldies Channel, Johnstown's all time classics, Your stn. for sports		WFUN-OH	(add) Your hometown stn.
860	WGOM-IN*	(rsw) AM 8-60		WJMX-SC	Quality 97
	KUTR-UT*	(add) Sounds like Utah		WANVA-VA	Supercountry 97
870	WQRX-AL*	(add) North Alabama's Oldies Channel	980	WITY-IL*	We just love to play the classics
	KKMC-CA	(add) Central Coast's Christian R.		KMFY-MN	delete, now WAYL
	WRFD-OH*	(add) Your #1 Christian Stn.		KMBZ-MO	Royals R.
890	KDXU-UT	AM 8-80, Montgomery County's favorite R. stn.		KFRD-TX*	R. Nuevo [:SS]
	CJDC-BC	(add) Dixie's 8-90		KUPI-UT	QP 98
900	KBIF-CA*	(add) The Peace Connection (rsw) Christian R. for the San Joaquin Valley	990	KRKS-CO*	(rsw) Inspiration R. 9-90, We're sharing something to believe in
910	KFYI-AZ	The hottest talk all day and all night; Arizona's only all talk stn., The Talk Stn.		WWCM-MI	99 WCM
	KMJC-CA	Your Christian Voice in El Cajon		WNYR-NY	(rp) Winner; (add) W 9-90 AM, Your source for Paul Harvey, The stn. that plays the original songs by the original artists
	WSUI-IA*	Information R.		WCEL-NC*	delete, now WEEB
	WPFB-OH	106 FM and AM 9-10		WEEB-NC*	The Sand Hill & AM 99
	KKSN-WA	(rsw) At last a stn. that plays your kind of music		KGTM-TX	AM Stereo 9-90, Your favorite country, the best country in the city
	CKDQ-AB	(add) Your non-stop "Q" stn, more of your favourite music guaranteed		KTLE-UT*	Tooele County R., The only stn. that cares about Tooele County
	CKLY-ON	9-10 Your Blue Jays Stn.		CBW-MB	(add) CBC R. 9-90 in Winnipeg
920	KDHL-MN	With music and news 7 days a week	1000	KVSD-CA	(rsw) San Diego's new way to talk
				KKMX-CO	(add) The Yampa Valley's favorite R. stn.
				WCFL-IL	delete, now WLUP

1000	WLUP-IL	Chicago's Loop, The Loop AM 1000 [mostly //FM]	1130	KBMR-ND*	The best in country, 50,000 watt 11-30
	WIFX-KY*	Gospel 1000		WISN-WI	People you know, information you can use; Talk-radio 11-30
	WSPF-NC*	Channel One Country delete, now WCCD			
	WSUM-OH*	Cleveland's Contemporary Christian Connection	1140	KGEM-ID	(rp) K-Gem [The/Central Illinois] Inspiration Stn., We Value Every Life
	WIOO-PA*	100 AM		WVEL-IL*	
	WRAR-VA*	AM 1000			
1010	WTGC-PA*	Hits of yesterday & today		KMJJ-NV	Magic 11-40
	CFRB-ON	(add) Your authoritative news voice		CKXL-AB	(add) 11-40 XL Radio, The new voice of the Calgary Stampede
1020	KBCQ-NM	delete, now KCKN	1150	WJRD-AL	delete, now WZBQ
	KCKN-NM	AM 10-20, Interstate 10-20		Z-102 FM [//FM]	(add) Kiss FM [//FM]
	KWIQ-WA	(add) Q		KIIS-CA	(add) Denver's only Mountain Stn.
1030	KFAY-AR	(add) K-Fay		KRZN-CO	(add) 11-50 R.
	KHWY-CA	delete, now KIOQ		KSEN-TN	Your information stn.
	KIOQ-CA	The new 10-Q	1160	WYNS-PA	11-60 Wins, Your rock n' roll stn.
	KTWO-WY	Your Wyoming Sports Authority, Wyoming's weather stn., The stn. for all Wyoming			
1040	WHBO-FL	All Oldies All Day and All Night	1170	KKZX-IA	delete, now KSTT
	WHO-IA	(add) The news authority		KSTT-IA	AM 11-70
	CIOF-BC	(add) Vancouver's Music Power AM 10-40		WLKE-WI*	delete, now WLKD
1050	WDZ-IL*	We're your stn. for the Chicago Bears		WLKD-WI*	Lake R.
	WHN-NY	delete, now WFAN		CKGY-AB	(add) All around country, more of your country favourites, more music guaranteed
	CHUM-ON	(add) More variety	1180	KERI-CA	(add) R. for the way you live
1060	KUKQ-AZ	(rsw) Q Country 10-60		WJJN-IN	Christian Voice of the Tri-state
	WMCL-IL*	Best Country 10-60		WKBV-KY	delete, now WMLX
	WTTP-MA	delete now WBIV		KKAR-NE	News 11-80 Car R.
1070	KMOM-MN	Your hometown stn.	1190	KRDS-AZ	Your celebration stn.
	KHMO-MO*	(add) AM 10-70		WKDJ-PA	delete, now WBUG
	WNCT-NC	(rsw) FM 108 and AM 10-70		WBUG-PA	B 11-90, This is the bug bug bug
	KRBE-TX	(add) Power 104 [//FM]		WCBV-VA*	Stereo Country 106 [//FM]
	KWEL-TX	(rsw) K-Well	1200	CFGO-ON	(add) Ottawa's only hit R.
1080	KVNI-ID	(add) Voice of Northern Idaho	1210	KQTL-AZ	(add) La Gigante Musical
	WCII-KY	(rsw) Classic CII		KCLG-UT	delete, now KONY
1090	KLSC-CO	delete, now KYBG		KASY-WA	(add) AM 12-10 Casey
	KYBG-CO	K-Big, The Biggest Sound in Denver	1220	WXRA-NY*	Stardust 12-20
	KBOZ-MT	All the best news & information, all the best of America's Country		KDDR-ND*	K double DR
	KANN-UT	(add) Your Channel 10-90 of Praise, Listen to the Light		CJOC-AB	(add) The best in country music
	CKKW-ON	Solid Gold		CHSC-ON	12-20, Niagara's first choice for news
1100	KIIO-CO	delete, now KVEE		CJRL-ON	97.5 Kiss FM [//CKIS-FM 0100-0700]
	KVEE-CO	V-FM [//FM]	1230	KAMJ-AZ	Phoenix's Magic 101, All Music All Requests, On Your Radio It's 101 [ex KMYL]
	WWWE-OH	(add) Your Mid-America R. stn.		KGfJ-CA	(add) Rock n' Soul, Keeping Good Folks Joyful
	WGPA-PA*	R. 11		KWG-CA	(rsw) Golden Oldies 12-30, Real Classics
1110	KHEI-HI	(rsw) Maui Country, AM 11		WTNT-FL	delete, now WANM
	WMBI-IL	(add) Providing Chicagoland with quality Christian programming since 1926		KRXK-ID	R. 12-30
	WFBM-IN*	delete, now WYIC		WJBC-IL	The Spirit of McLean County
	WCBR-KY*	Q-102, Maximum Music [//WMCQ-FM]		KGHS-MN	The all night sound, Hits of the 50s 60s and 70s
	WMMX-OH*	Where there's always a better song		KTRF-MN	Celebrating 40 years of service
	WZAM-VA*	New Spirit of Gospel R.		KBMN-MT	Your 1st choice for EZ listening
1130	KSDO-CA	The Information Stn., AM 11-30, San Diego's #1 news and information stn., San Diego's total information stn.		KBSR-MT	(add) Country music at its best, Great variety-great country songs, AM 12-30
	KWKH-LA	(add) Weather stn. for Ark-la-tex		KEZD-NV	delete, now KLAV
	WCXI-MI	(add) AM [Stereo] 11-30, Hear the difference, Country Pure and Simple		WKBO-PA	(rsw) 12-30 Gold

1230	WBVP-PA	(rsw) Pittsburgh's Classic FM WWKS [//WWKS-FM] (add) Country Kicks, Kick 12-30 Wham AM	1290	WIRL-IL	Your exclusive home of the Bears, Your official weather stn.
	KYKC-SD	(add) Country Kicks, Kick 12-30 Wham AM		WKLB-KY*	(rsw) Clay County's R. stn
	WAMM-VA	(add) AM Stereo 12-30		KGVO-MT	(rsw) Western Montana's News Leader, Newsradio 12-90, Keeping You informed delete, now CIFX
1240	KDIG-CA	(rsw) The new 12-40 Newstalk 12-40		CFRW-MB	12-90 Fox, Favourites of 60s 70s and 80s delete, now KBCN
	KNRY-CA	Heart & Soul of Macon #1 in the country, 12-40 AM Stereo		CIFX-MB	Beacon R. More music
	WDDO-GA	More news that you need- more music you can listen to; Where your friends are, AM 12-40	1300	KRKO-AK	Today's most popular music delete, now WLIR
	KWIK-ID	Great Country (add) Magic 96 [//FM]		KBCN-AK	LIR 92.7 [//FM]
	KWOS-MO	(add) AM 12-40, All Day All Night All Weekend (add) La Nueva Mexicana La Mejor [;SS]		KOLT-NE	(rsw) RL Country, The home of true country music
	KLTZ-MT	The Information Stn. All Golden Oldies Cheyenne's only 24 hour R. stn.		WPNH-NH	The Talk of Cleveland (add) 94 Country [//FM]
	KLYQ-MT	EK Radio [//570 CKEK] AV AM 12-50		WGRC-NY	(rsw) 97 Star [//97.3 WRSR] (add) The sports stn. in the Madison area
	KUUS-MT	(add) Topeka's one and only 12-50, Music to remember delete, now KTYE		WLIR-NY	AM 13-20
	KLTN-NM	K-Tie (rsw) R. Familia [;SS] (add) Indy's Windy, Greatest Hits of All Time		WXRL-NY	Power 105 KPQ, Talk R. 13-20
	KDLR-ND	Springfield's Super AM. The only stn. you need for great country music		WERE-OH	(add) Heart R. for the Magic City
	WAGO-PA	Home of the Mets in Syracuse, AM 12-60		KMPS-WA	(add) The best of the 50s 60s 70s and today on AM 13-20 stereo
	KFBC-WY	Cleveland's Best, Music of Your Life, 12-60 AM, You asked for Music of Your Life and you got it (rsw) AM 12-60, Playing Oklahoma's favorite country music	1310	WGH-VA	delete, now KCPX Power 99 [//FM] R. 13
	CFEK-BC	(add) Magic 93, South Dakota's Hot FM [//FM]		WIBA-WI	Canada's #1 country stn., Country music R.
	CJAV-BC	(add) 12-60 Country (add) Edmonton's soft rock favourite	1320	WARA-MA	The Rock n' Roll Original Your news authority Hot FM 101 [//FM] (rsw) Classic Country 13-30 AM
1250	WIZZ-IL	delete, now KZLR KZ-95 [//FM]		WHHO-NY*	(add) You give us 22 minutes, we'll give you the world; The News Stn. delete, now KRCV
	WREN-KS	delete, now WKBF R. 12-70		KHRT-ND*	Reno's Christian Voice The Spirit of Niagara City, 13-40 Gold, Where the oldies live
	CHWO-ON	(add) CBC (rsw) Supertalk (rsw) Newstalk AM 12-70, You're in touch with your world, Your direct line to Detroit		KELO-SD	North Ohio's Stardust music
1260	KSNO-CO*	delete, now KZLR KZ-95 [//FM]		KBUG-UT	Your Oil Heritage Stn. AM 13-40, Cache R.
	KTYE-CO*	delete, now WKBF R. 12-70		KCPX-UT	The Country Club, 13-40 AM Vermont's Information Stn. delete, now WLZR
	WSUA-FL	(add) 12-60 Country (add) Edmonton's soft rock favourite		WANI-VA*	Laser 103 [//FM]
	WNDE-IN	delete, now KZLR KZ-95 [//FM]		CFGM-ON	Peoria Country 13-50, Playing the country's best music
	KGBX-MO*	delete, now WKBF R. 12-70	1330	KRDG-CA	New York Country Real R., News First AM 13-60, The Amazing KMI
	KIMB-NE*	delete, now WKBF R. 12-70		KGAK-NM	(add) K-Rock 13-60 AM, Playing that good time music, Classic Hits of the 50s 60s and 70s
	WNDR-NY	delete, now WKBF R. 12-70		WHOT-OH	delete, now KWJS delete, now KKMO
	WBBG-OH	delete, now WKBF R. 12-70		KUPL-OR	KMO Gold, 13-60 KMO, Pierce County's Golden Connection, Pure gold 24 hours a day
	KWSH-OK	delete, now WKBF R. 12-70	1340	KDEN-CO	(rsw) True Country Idea R.
	KWYR-SD*	delete, now WKBF R. 12-70		KBET-NV	
	KPOW-WY	delete, now WKBF R. 12-70		KRCV-NV	
	CFRN-AB	delete, now WKBF R. 12-70		WLVL-NY	
1270	KADL-AR	delete, now WKBF R. 12-70		WNCO-OH	
	KZLR-AR	delete, now WKBF R. 12-70		WOYL-PA	
	WHBF-IL	delete, now WKBF R. 12-70		KACH-UT	
	WKBF-IL	delete, now WKBF R. 12-70		KTMP-UT	
	WCBC-MD	delete, now WKBF R. 12-70		WVNR-VT	
	WSPR-MA	delete, now WKBF R. 12-70		WBGS-VT	
	WXYT-MI	delete, now WKBF R. 12-70		WLZR-WI	
	WDLA-NY*	delete, now WKBF R. 12-70	1350	WXCL-IL	
	KNWC-SD	delete, now WKBF R. 12-70		WRNY-NY*	
	KIML-WY	delete, now WKBF R. 12-70		KSCJ-IA	
1280	KKAL-CA	delete, now WKBF R. 12-70		WKMI-MI	
	KBRQ-CO	delete, now WKBF R. 12-70		WWNK-OH	
	KXKL-CO	delete, now WKBF R. 12-70		KXOL-TX	
	WABK-ME	delete, now WKBF R. 12-70		KAMT-WA	
	WQZN-ME	delete, now WKBF R. 12-70		KKMO-WA	
	KVOX-MN	delete, now WKBF R. 12-70		KWRM-CA	
1290	KHSL-CA	delete, now WKBF R. 12-70		KFJM-ND*	
	KZBQ-ID*	delete, now WKBF R. 12-70			

1370	KWRT-MO*	Missouri's Country Star, FM 99 [//FM]	1430	KTYN-ND*	(rsw) KBO-100 and 14-30 AM, Q-Zoo [//FM]
	KXTL-MT	(add) Best hits of yesterday and today, making memories		WVAM-PA	Altoona's Spirit of Country Music
	KFRO-TX	The AM stereo stn. of Longview-Gladwater		WBMK-TN*	delete, now WEMG
1380	KSMJ-CA	(add) Motown memories & a lot more		WEZI-TN	Light and easy
	KTOM-CA	Cal Gold AM & FM, One double Oh point 7 and 13-80 AM, Nobody does it better		KBRC-WA	For local news and sports, the one you turn to
	WGUS-GA*	US 102 [//FM]		CJXX-AB	Power Country 14-30, JX
	KOTA-SD	(add) Your news authority	1440	WRBA-IL	delete, now WMLA
	WSYB-VT	Vermont's Sports Leader		WMLA-IL	You're in tune with someplace special
1390	KYES-CA	delete, now KMIX		WWGT-ME*	(add) Talkradio for Portland, 14-40 WGT
	KMIX-CA	Playing the Central Valley's traditional country music, AM 13-90 K-Mix		KQ	14 Country
	WEGP-ME	(rsw) Total R.		KORS-MN	Solid Gold 14-40, 14-40 Gold, Solid Gold
	WFEZ-MS*	(rsw) The Dub		KKXL-ND	(add) Whistle 100 [//FM]
	KRRZ-ND	Cars AM, The Oldies Channel for the Magic City		WRRO-OH	(add) Full Service R.
	KBLQ-UT	(add) Your country music leader		CJJOI-AB	(add) 14-40 Your Community Stn.
1400	KAAP-CA	delete, now KCZN		CFCP-BC	(add) Coast R. Network
	KCZN-CA	14 Country Cousin	1450	WNAB-CT	delete, now WJBX
	KLTV-CA	(add) K-Light AM 1400, Your Light Life		WJBX-CT	Where your good times are
	KVIS-CA	(rsw) Fun lovin' Solid Gold		KATR-CT	(add) Music that's as good as gold, AM 14-50, Greatest Hits of All Time
	KIGO-ID	(add) Meeting your need to know		WKXJ-KY	(rsw) Kicks Country
	WCYN-KY	Log Cabin Country		KATE-MN	AM Stereo 14-50 Golden R
	KDRG-MT	Music R., A better variety of music		KGRZ-MT	(add) Grizz Country, You are in the country, Missoula's best country
	KYOT-MT	delete, now KXGF		KQDI-MT	The Q, Solid Gold 14-50
	KXGF-MT	Classics 14, Great Falls' Best Music, Great music for Great Falls, Where there's always a favorite playing, The Soundtrack of Your Life		KRBN-MT	AM 14-50
	KCOW-NE	AM 14		KXXL-MT	The Oldies Channel, Classic Hit R. 14-50, Hits from the 50s 60s and 70s, Your Gallatin Valley Sports Connection
	WYSL-NY	delete, now WPHD		KSIW-OK	Playing all the hits for Northwest Oklahoma
	WPHD-NY	103 PHD [//FM]		KBPS-OR	AM 14-50
	WBLQ-PA	(rsw) Q 1400		KRXX-OR	delete, now KKKO
	KVOP-TX	Your music connection		KKXO-OR	KKK Oldies
	WPCE-VA	(rsw) Inspirational 14		CHUC-ON	(add) The stn. with the hits- past & present
	WATW-WI	North Country		KSO-IA	Great country stereo
	CKSQ-AB	Q-14 [//CKDQ-910]	1460	WPDQ-FL	delete, now WRQL
	CKCB-ON	CKBB, Your music and information stn., 9-50 and 14 hundred [//CKBB-950]		WRVK-KY*	Your Country Leader
1410	WMML-AL	Magic 14-10		WEWO-NC	Whee-whoa
	KLLB-CA*	(add) K double LB, 14-10 Country		WOLS-PA	delete, now WBKC
	KRML-CA*	KAZU [at times //FM]		WBKC-PA	The real country music stn
	KCOL-CO	R. 14		WCMB-PA	(add) The Oldies Channel, We play the greatest hits of all time
	WDOV-DE	[The/Dover's] Oldies Channel, 14-10 AM		WRKR-WI*	delete, now WMBT
	WXQT-MI*	delete, now WKTH		WMBT-WI*	Heart Beat 101 [//FM]
	WKTH-MI*	KTH	1470	WMMW-CT*	Your stn. for Red Sox baseball
	WYMB-SC*	Wheels [//WHLZ 92.5]		KWSL-IA	(rsw) AM Stereo 14K, Classic Hits 14K, Classic Gold, Your all-time favorite music is here
	CFUN-BC	(rsw) 14 C-Fun- Light rock, less talk and love songs; 14-10 C-Fun, Your BC Lions stn.		KKCQ-MN	North Country, Double Q Country
1420	KIXT-AR*	Kicks 14		WTKO-NY	(rsw) Your information str. 24 hours a day
	KSTN-CA	Much more music 14-20		WXKW-PA	(add) Your country connection
	WVOT-NC	(rsw) 14 Carat Gold		KBSN-WA	Basin R., AM 14-70
	WHK-OH	Cleveland's Oldies Channel		KWIV-WY*	(add) Quiv
	KLNX-TX	delete, now KNOW		CHOW-ON	C-How, Niagara Country
	KNOW-TX	East Texas' most powerful AM	1480	KWIZ-CA	(rsw) Yes-No R., Quiz AM and FM [//FM]
	CJVR-SK	14-20 Country Music R., Today's country music		WKND-CT	Hartford R. Music Power
1430	WNJR-NJ	(rsw) 14 Carat Gold AM, Solid Gold AM 14-30			

1480 KRXR-ID*	(add) The only R. Stn. you'll ever need	1580 KNIX-AZ	We deliver
WMAX-MI*	Max R., AM 14-80	WPGC-MD*	Newstalk R. 15-80
KHQN-UT	R. Krishna	WSRR-NJ*	Star 15-80
WSAY-VA*	Inspirational R.	1590 KOGO-CA	Ventura's Classic Rock n' Roll
1490 KBAS-AZ	(add) The Mojave Valley's Best Country	WAIK-IL*	Wake 15-90
KGUD-CA	delete, now KMET	KRRK-MN	delete, now KCNN
KMET-CA	AM 1-49	KSRN-NV*	(add) Sound of the Sierra
KBOL-CO	14-90	WSMN-NH	Your favorite R. stn.
WDAN-IL	Talkradio 14-90	WCBG-PA	Classy 15-90
KNFL-MT	delete, now KBSO	WUSJ-TN	delete, now WQLS
KBSO-MT	Big Sky Oldies, The heart and soul of rock n' roll, All music all memories all the time, Nothing but good time rock n' roll	WQLS-TN	New 16
KYNN-NE	delete, now KEZO	KJET-WA	(rsw) The Edge of the AM
KEZO-NE	Z-92 [//FM]	XEHC-MX	La HC, R. Bahia [:SS]
WBTA-NY	Your #1 stn. for local sports	1600 KWOW-CA	delete, now KMNY
WAQX-NY	(add) The home of rock n' roll	KMNY-CA	Money R., AM 16, Magic Oldies
KGOS-WY	Music from the 40s 50s 60s and 70s, Your Valley's Best	KRXY-CO	delete, now KMVP
CJPR-AB	(add) The best in country music	KMVP-CO	All Sports R., more of the news
CFWB-BC	(rp) Coast R.	WKEN-DE	K-16
CFPS-ON	5-60 and 14-90 [//CFOS]	WCKZ-GA	delete, now WAOS
CJSN-SK	Heart of the Country	WAOS-GA	Atlanta's Oldies Stn.
1500 WCZY-MI	delete, now WLQV	WINX-CO	(rsw) 16 Hits
KXVQ-OK*	Your Oklahoma Country Connection	WSNX-MI	(rsw) 104.5 Sunny FM
1510 WLKM-MI*	Rock 96 [//FM]	KATZ-MO	(rsw) From the Great American Midwest, Legendary memories on AM 16 Hundred
WRAN-NJ	delete, now WMHG	KTNS-TX	delete, now KSSA
WMHG-NJ	The Oldies Channel	KSSA-TX	R. Variety [R. Variedades?] [:SS]
WPUT-NY*	(add) The Voice of Putnam County	KBBX-UT	Christian R. for Utah, KCGL 105.5 [//at times]
1520 WPOE-MA*	delete, now WGAM		
WWKB-NY	(add) Buffalo's Oldies Stn.		
WARR-NC*	War 15		
KOMA-OK	(add) AM 15-20		
KSGO-OR	AM 15-20, More of the music you grew up with		
1530 WJDM-NJ*	The Gold Rush		
WCKY-OH	Cincinnati's Information R.		
1540 WSMI-IL*	The stn. you can count on for news		
WECZ-PA*	Easy 15-40 [ex-WPXZ]		
1550 WRHC-FL	Cadena Azul [:SS]		
WYNX-GA	(add) Light 15-50		
WCTW-IN	(rsw) Classic Hits, AM 15-50		
WARD-PA	Your Direct Connection for the Great Northeast, Ward Talkradio		
KRGO-UT	(rsw) Country Cargo		
WXVA-WV*	(rsw) Classic 15-50, Oldies Channel		
1560 WAGC-AL*	Alabama's Gospel Choice		
WBYS-IL*	(add) Your sports superstn. in Central Illinois		
WBKC-OH*	delete, now WCDN		
WCDN-OH*	[//WBKC-1460 acc. Pete Nolan]		
1570 KXES-CA*	delete, now KTGE		
KTGE-CA*	R. Tigre [:SS]		
WBGZ-IL*	The Big Z, From A to Z, Serving the entire Metroplex		
WFRL-IL	(add) Freeport's new 24 hour stn.		
KUXL-MN*	Spirit 15-70		
WLDM-MA*	delete, now on 640 as WNNZ		
CHLO-ON	AM 15-70, Music of Your Life		
1580 WQXR-AL*	Music of Your Life		

Don't forget- I still need your slogans for the upcoming IRCA Almanac! There's still time to send them in, let's make this the best slogans list ever!

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**THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)**

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



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