

# DX News

♦Serving DX'ers since 1933♦

Volume 63, No. 6 - November 6, 1995 (ISSN 0737-1659)



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| CPC Test Calendar |      |               |           |
|-------------------|------|---------------|-----------|
| WSEZ              | 1560 | Nov. 6, 1995  | 0100-0130 |
| WVAM              | 1430 | Nov. 13, 1995 | 0130-0200 |
| KNXN              | 1470 | Nov. 13, 1995 | 0200-0230 |
| KATD              | 990  | Nov. 13, 1995 | 0300-0330 |
| KLCL              | 1470 | Nov. 20, 1995 | 0330-0400 |
| WDGS              | 1190 | Nov. 20, 1995 | 0000-0030 |
| WOON              | 1240 | Nov. 20, 1995 | 0100-0200 |
| KLCL              | 1470 | Nov. 20, 1995 | 0330-0400 |
| WJYM              | 730  | Nov. 27, 1995 | 0000-0030 |
| WPWA              | 1590 | Dec. 11, 1995 | 0000-0030 |
| WCGW              | 770  | Dec. 18, 1995 | 0100-0130 |

From the publisher ... Ernie Wesolowski sends word that former NRC member John Draus, Omaha, died of a heart attack on October 8. He had been a member in the '60's.

Fred Vobbe is again working on the NRC Ham Call List, and here's what he has to say:

"The National Radio Club Ham List will be updated soon. Since there have been many changes in ham radio, and people have updated their call signs, I thought that now is a good time to start fresh. I will not be using any information from the old list, so if you want to be on the list, please send your information to me no later than 11/30/95. When I receive your information, I'll send you one of my QSL cards to verify that I received it. Here is what I want.

Name, Call Sign, and up to 40 characters of information on where you operate. For example, I hang out on the local 443.625 repeater and work HF. My entry would look something like: 443.625+HF/80-10CW10SSB. Class of license, and verification of call sign will be taken from the fall edition of SAM. Canadian and foreign hams should list class of license as I only have the U. S. edition. Information on Nets you use can also be included. Times should be listed as Zulu, with Frequency info and content of net. Again, I would like to stress that if you have sent in information in the past, it will not be automatically used in the next list. You MUST send in new information. Send to, Fred Vobbe, 706 MacKenzie, Lima OH 45805-1835 USA (or gnbc@alpha.wcoil.com)."

Fred also notes that the voice mail system where he puts info on CPC tests is at 419-228-4199.

And one more note from Fred: "Please note that the National Radio Club has a WEB PAGE!! It was started just a week ago, and as promised to some of

our blind members, we are making it as "vanilla" as possible. I love the graphics and pictures in the Web pages; however, it appears that many of the voice reader systems used by the blind have a hard problem in manipulating with graphics. The address for the Web Page is

<http://wcoil.com/~gnbc/>

I'm still doing work on the page as time permits, so please excuse the lack of content, and any errors you find."

Finally, a little problem ... it is NRC policy that only members may contribute to columns, although in the "public" interest we will sometimes list important information in these pages. However, recently two ex-members have continued to send in loggings to column editors, who had no idea that they were accepting items from members whose memberships had expired. Ladies and gentlemen, if you choose not to renew, you have chosen NOT to have your loggings included on these pages, also. Please cease and desist.

Things we get in the mail ... We received a nice brochure and sample verie card from Mongol Radio (operating, they say, under the call sign, "Radio Ulan Bator"). They note that they first began broadcasts in 1934 and today transmit 26 hours daily. Perhaps they've solved all of the mysteries of time shifting?

DXGTG ... Don't miss Ray Arruda's Lower Deck Thanksgiving GTG on Saturday, November 18, from noon to ?? at 47 Burt Street, Acushnet.

Welcome to these new members ... Paul F. Spinello, Stirling, NJ; and Bobby Stepp, Hendersonville, NC. Thanks again to those who have sent in their ZIP+4 numbers. We have about 25 to go, though.

### DX Time Machine

From the pages of *DX News*:

50 years ago ... from the Nov. 10, 1945 DXN: Reception of KINY was reported by Dick Cooper, Kittanning, PA and Ray Edge, Buffalo, NY; and Al Bartholomew, Corning, NY received his 53rd Mexican verie, from XERB.

25 years ago ... from the Nov. 7, 1970 DXN: Harry Helms, Jr., Athens, GA, assured NRC members that he was authorized to issue veries for WIXE, and that no one received an "automatic" verie.

10 years ago ... from the November 11, 1985 DXN: U. S. stations on Canadian clear channels were authorized by the FCC to begin fulltime operations.

# AM Switch

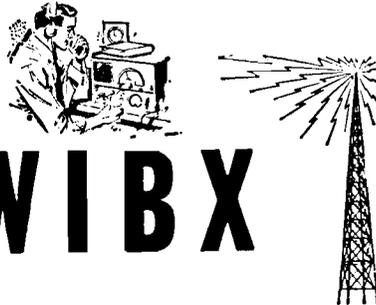
**Jerry Starr**  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

*Status changes in AM stations, supplied by the FCC and listeners*

## CALL LETTER CHANGES

| <u>Old call</u> |               | <u>New call</u> |
|-----------------|---------------|-----------------|
| 640 WBYY MI     | Rockford      | WMFN            |
| 810 WCNF VA     | Crozet        | WCYK            |
| 990 KNIN TX     | Wichita Falls | KWFT            |
| 1200 CKDA BC    | Victoria      | CKXM            |
| 1230 WBFX IN    | Terre Haute   | WZZQ            |
| 1320 KZZK OR    | Eugene        | KNRQ            |
| 1450 KAYC TX    | Beaumont      | KAYD            |
| 1470 KKSC IA    | Sioux City    | KWSL            |
| 1550 WMIR WI    | Lake Geneva   | WAXU            |
| 1560 WSMD MD    | La Plata      | WKIK            |
| 1560 WHEZ MI    | Portage       | WNWN            |

Post Office Box 950  
Utica, New York 13503



## APPLICATIONS/GRANTS FOR NEW STATIONS

None

## APPLICATIONS FROM EXISTING FACILITIES

None

## GRANTS TO EXISTING FACILITIES

840 CJXX AB Grande Prairie: day power to 25000 watts  
1340 XKEQ NV powers to 977/977, relocate transmitter site

## OTHERNESS

650 WBSO MA Clinton: CP and call for this station was cancelled on 3/93; permit holder petitioned the FCC to reinstate the license and call, but this petition was DENIED. WBSO has not been in your Log for several years; this info is just for your interest.

920 CFRY MB Portage la Prairie: CRTC has granted permission for CFRY to build an FM station on 93.1 MHz and simulcast. Why is this news? Because while the CRTC has in the past permitted stations to relay programming from other areas this is the first time an in-market AM/FM simulcast has been permitted. The CRTC is now willing to consider other simulcast applications on an individual basis. For our purposes, this may impact the previous practice of trading an AM for an FM that we've seen so much of lately.

970 WVAO VA Waynesboro: station is SILENT

1000 WKYB SC Hemingway: station is still silent (since 3/92) and their tower is being taken down but not for the reason you might suspect. We don't know if WKYB has any plans to return to the air, but the tower has been taken down because somebody STOLE (that's right) the beacon light from the top, and due to FAA regulations the tower cannot remain standing unlit. Now that's a new one.

1050 CFGP AB Grande Prairie: requests a move to 97.7 FM and will surrender AM license if approved (however, see 920 above)

1120 KSJI CA San Martin: new station has been TESTING on the air, no target date announced

1130 KBMR ND Bismarck: has been operating U1 with 10000/25 from a tower at the studio site while the existing day and night antenna systems are being modified to accommodate the new 710 kHz facility. When KBMR's calls and programming move to 710 and KXMR comes to 1130 this reportedly will become the permanent power and antenna facility for 1130 kHz.

1200 WTLQ FL Pine Island Center: in Issue 4 we reported this station as silent but used the former calls of WDCQ. We believe that this station will return to the air as WTLQ, sorry for the confusion

1350 WDZC SC Darlington: has dropped relay of WJMX-970, now relays WANS-1280 Anderson, SC

"Radio 95"  
5KW DA-1

1550 WAXU WI Lake Geneva: silent station is ON THE AIR and relaying WAUK-1510 Waukesha, WI  
1560 KNZR CA Bakersfield: in regards to our question in Issue 4 the new antenna at KNZR is indeed U2 as confirmed by the station and the FCC

THANKS: Bill Hale, Ed Krejny, Shawn Axelrod, Dave Schmidt, Wayne Heinen, Les Johnson, Danny Straub, and MSJ

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman

## FCC Proposes Local Solution To RFI

-via John D. Bowker

Federal Communications Commission Compliance And Information Bureau  
2203 N. Lois Ave., Suite 1215, Tampa, FL 33607-2356 (813) 228-2872.

The Federal Communications Commission (FCC) alone receives approximately 30,000 complaints a year of interference to home electronic equipment. Since it is not feasible for the Commission to attempt to resolve these complaints, it is our policy not to investigate interference to home electronic equipment. Likewise we do not offer any protection from interference.

Interference to home electronic equipment is a major problem in the United States that the FCC must deal with in order for us to ensure communications excellence for the American Public. We are looking into the possibility of having the private sector become involved in resolving these interference problems. The Tampa Office of the FCC's Compliance and Information Bureau is undertaking a pilot project to determine the feasibility of such a program. We are now in the planning stages of the program and would appreciate your input. An overview of our initial thoughts is provided below:

### Proposed Plan:

1. We would solicit participation from local Electronic Repair Service organizations.
2. Training would be provided for resolving these kinds of interference problems. Training could come from the FCC, manufacturers, or industry associations, etc. Once a training course has been completed, the service shop could then be certified as qualified to provide interference protection to electronic equipment.
3. The FCC would include a list of qualified technicians with the self-help information we currently mail out in response to interference complaints.
4. As part of the program, if the service shop determined the interference could not be resolved by filtering and was caused by a violation of FCC Rules and Regulations, specific information would be provided to the FCC by the service shop. The FCC would then investigate the perpetrator.

If you would be interested in such a program or have any comments or recommendations for implementing such a program, please contact the FCC's Tampa Office. Please respond to the Federal Communications Commission, Compliance & Information Bureau, 2203 N. Lois Ave., Suite 1215, Tampa, FL 33607. Our phone number is (813) 348-1508, and our fax number is (813) 348-1581. FCC contacts for this program are Carol S. Johnson and Ralph M. Barlow.

(Via John D. Bowker. Publisher's question: who would pay for this wonderful service?? -pls)

**Archived  
Publications**

... are still available and listed in the "NRC Archived Publications List". If you're interested in older technical articles, computer programs, receiver reviews, bandscans, station profiles, and foreign DX information, order ZAL-1 (40¢ with your next reprint order over \$2.00, 90¢ by itself). From NRC Publications. (NY residents, add sales tax)



## AM Station Map Book

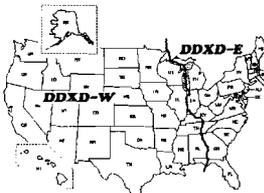
3rd edition - \$9.50 to members, \$10.50 non-members, postpaid.  
Edited by DDXD editor Bill Hale, this book of station location maps is a must-have companion to the AM Radio Log. The 170-page book is three-hole punched for a ring binder. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.

# Domestic DX Digest

**West: Bill Hale** billhale@micron.net  
495 Creekview Drive - Meridian, ID 83642-3241

**East: Dave Braun** DPHT10A@Prodigy.com  
863 Allabands Mill Road - Wyoming, DE 19934-9523

(Division line is  
between East and  
Central time zones)



**DX Catches in the U. S. and Canada, with 24-hr. ELT**

## DDXD-West

### MEDIUM WAVE RAMBLINGS

- I've had to nip a couple of loggings this time. Reason? No details. At least put down a smidgen of what you heard! And don't forget to include your equipment. A very good turnout from across most of the time zones covered by DDXD-W!! Let's keep up the good work.
- Chicago's Summer ratings are in, courtesy the *Chicago Sun-Times* and Internet poster Joe Bonk, and WGN-720 continues to lead the AM'ers (overall #2) with a 6.7. Next is WBBM-780 (8 tie) with a 3.7. Then comes WMAQ-670 (13) 3.1, WLS-890 (15) 2.8, WAIT-850 Crystal Lake (16 tie) 2.5, WGCI-1390 (24) 1.4, WIND-560 (26) 1.2, WSCR-820 (27) 1.1, WJJD-1160 (29) 1.0 and WMVP-1000 (30) 0.9. Among other highlights noted was the fact that 5000 watt WSCR beat 50,000 watt sports outlet rival WMVP. Ratings news from Cincinnati relate the following: Full service WLW-700 is well entrenched at #1 with an 11.6 rating. AM stations playing catch-up include: #8 WSAI-1530 (4.7); #9 WCKY-550 (4.6); #16 WCIN-1480 (1.4); #20 (tie) WPFM-910 Middletown (0.5); #23 (tie) WCVG-1320 and WUBE-1230 (0.4) and #28 WNOP-740 (a daytimer) (0.3). Not showing up in the ratings were WTSJ-1050, WKYN-1160 and WAOZ-1360. Internet post from John Simpson and the *Cincinnati Enquirer*.
- Those of you who peruse the Graveyard columns will notice many of the mileage figures have been changing. I have found a gazetteer site on the Worldwide Web from which the geographic coordinates of virtually every city, town and hamlet in the U.S. are available. Plus, for most cities (read that larger community), places like post offices, city halls, parks, etc are located. So, I've been fine-tuning the coordinates of many DXers. Thus some of the old coordinates which were approximated have been brought "closer to home", and distances are vastly more accurate. There is also a site for Canada, but I have yet to find one for other locations throughout the world. Bottom line here is, although the GY record columns only appear six times per year, a lot of time is being spent on making the data as accurate as possible.
- A follow-up to the item in October 2's SPECIAL about Kintronics comes from Dave Schmidt: "Kintronics is a manufacturer/builder/designer of products used at radio station antenna systems, such as directional phasers and coupling systems. This [license] will give them the ability to actually 'set up' a system in their own facility and have it basically close to what it should be at shipping time, rather than spend a lot of time getting the pattern in after the equipment has been sent. So I would think if anyone catches a signal on 1680, this would be a good candidate for a report and verification, since they should be interested in seeing how effective their pattern would be."
- Once AGAIN, a reminder to E-Mailers: Please include your city and state, plus equipment, in the body of each message. And only the Micron address remains in effect!!

### REPORTERS

HLH-CA Harry Helms San Diego Hammarlund HQ150, two-foot Sanserino loop  
RO-AK Rod O'Connor Kodiak ye olde Superadio I and phone call to confirm  
BM-SD Bill Moser Fort Pierre Superadio II barefooted  
DS-TN Doug Smith, Pleasant View TS-680 ham rig & 400' long wire lying on ground  
NAP-AL Neal Perdue Madison (x2) ICF-SW7600G + McClintock Black Box  
GB-FL Gerry Bishop Niceville  
SP-TX Stephen H. Ponder Houston (E-Mail: sponder@popeye.jsc.nasa.gov or n5wbishop@blkbbox.com) Radio(s): Sangean ATS-803A, Realistic 12-655 TRF, Toshiba RP-F11, Magnavox D-1875, Panasonic RF-3100 Antenna(s): Radio West Shotgun Loop, Radio West Ferrite Loop  
JW-CO John Wilkins Wheat Ridge Drake R-8 + 4' box loop  
KW-WI Kent Winrich Waukesha (E-Mail: kwin@execpc.com)  
TB-AL Tom Branch Prattville Heath DF-3 (primary), Realistic DX-390, and GE SR-III with Yaesu FRA-7700 + 100 foot longwire (75034.1566@compuserve.com)

LBG-MT Larry Godwin Missoula  
DE-MO Dennis Elya Jefferson City GE SuperRadio III barefoot or Delco model PW3014 AM/FM/Cassette  
JE-WI Jon Ellis Superior GE SRIII and Select-A-Tenna  
CR-CO Craig Rathbone Denver Hammarlund HQ-140X + 200' wire & GE Superradio III barefoot (av568@freenet.uchsc.edu)  
PLS-KS Paul Swearingen Topeka R-1000, Sanserino/Martens loop combo  
Ed-ID Editor Meridian

### SPECIAL

- 540 KIEZ CA Salinas - Is now off the air (10-11-95). "Readers to ba.broadcast and rec.radio.broadcasting know that a memo issued on 10-3 by a KIEZ investor said the station was *insolvent due to gross mismanagement*. Sources are saying that the plug at KIEZ was pulled because of some FCC inquiry/action or to prevent such action/inquiry from occurring. No word on if KIEZ will return to the air." [Internet]
- 690 XETRA BCN Tijuana - According to an item on the Internet, XETRA is now operating at 77 kw from its new 7-tower site. I hear no difference in their signal strength here in Idaho. Possibly the array is designed to cover its intended market, Los Angeles/San Diego, better. Can we get some confirmation from any SoCal member? [Ed-ID]
- 720 KFIR OR Sweet Home - 9/26 0900 - Under KDWN, with sign-on with rooster crow. Announced address as P.O. Box 720 in Sweet Home. I phoned station. They switched from 1370 on 9/25. (LBG-MT)
- 1080 KKSD AK Anchorage - Drops CNN Headline News and is now // KASH-FM 107.5 with C&W music. (RO-AK)
- 1220 KDFC CA Palo Alto - Very quietly, apparently on Saturday (10/14), KDFC (AM) switched from simulcasting KDFC-FM's classical programs to a 24-hour feed called Kidstuff. Some of the music isn't too bad, but the DJ's are very descending. (Internet via DS-TN)
- 1260 KVSF NM Santa Fe - 10/02 - Adds The Ken Hamblin Show, per program today. (DP-HI)
- 1330 WMNN MN Minneapolis - Minnesota Public Radio has leased the frequency to Minnesota News Network, and station now has an all-news, all-the-time format. Address is 331 S. 11th Street, Minneapolis, MN 55404 and phone is 612-321-7200. (BM-SD) [WMNN is correct call, Bill - Ed.]
- 1400 WFAV FL Ft. Walton Beach - Heard on the air on October 10, after being off as a result of Hurricane Opal. Format, schedule unchanged. (GB-FL)
- 1550 WCTZ TN Clarksville - No longer relays 102.9 FM. Now has some of its own talk programs, and spends a lot of time relaying 102.5 FM with satellite classic rock. (DS-TN)
- 1600 KWOM MN Watertown - Owners expect to have this station on the air by Thanksgiving with a Farm-type format. The station is co-owned with KARP-96.1 in Glencoe, which also has a farm format. I don't know whether or not it will be an AM/FM simulcast. (JE-WI)

### UNIDs and UNID HELP

- 980 UNID ?? - 10/16 0015 - Someone with Sports Fan. No sign of semi-local WYFN. (DS-TN)
- 1620 UNID ?? - 10/12 0758-0832 - Assumed pirate, with male speaking for 30 seconds, saying: *You're listening to . . .* then listed song titles and back into ROK with no news or ads. No break at 0830. Also in weekly 10/13 2254. Identical in format and bearing to station I heard 4/6 - 4/17/95. Anyone in CA hear this one? (LBG-MT)

### DX AND EQUIPMENT TESTS

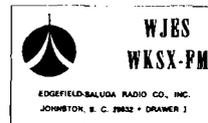
- 590 KID+ ID Idaho Falls - On IRCA test 10/14 - Partial CID in mess 0207. Detailed voice ID by man 0215. Not much else on crowded channel. (HLH-CA)

## MIDNIGHT TO 0800 HOURS ELT

- 600 WREC TN Memphis - 10/20 0618 - News, followed by station ID. (TB-AL)  
 690 WOKV FL Jacksonville - 10/25 0708 - Local talk about Jacksonville, ID, barely heard above a sea of others until 0620, when WZAP appeared from nowhere. (DE-MO)
- WZAP VA Bristol - 10/24 0720 - 0730 - In the clear with southern gospel music. Local church revival announcement. Truckers Gospel Network program at 0730. Never heard calls, so assume to be WZAP from NRC Log. (DE-MO)
- 900 WEAS GA Savannah - 10/21 00:30 - 233-7447 Savannah Golf Classic. *Sports Radio 900* WEAS. One-on-One Sports . New, and STRONG! Not bad for 152 watts! (KW-WI)
- 940 KIOA IA Des Moines - 10/16 0000 - Good, with oldies & legal ID. (DS-TN)  
 950 WEJM IL Chicago - 10/16 0002 - Fair, with urban music, legal ID. (DS-TN)  
 970 KBBK ID Rupert - 10/5 0759:30 - On top, with sign-on (no SSB). (LBG-MT)  
 990 CBW MB Winnipeg - 10/16 0230 - Noted with EE-language program from Radio France International. 0259 ID as CBC Winnipeg and into CBC News. Fair, in partial null of local KRKS. (JW-CO)
- 1050 KLOH MN Pipestone - 10/16 0045 - Fair, with C&W & call ID. Nice signal for 238 watts! (DS-TN)
- 1080 KSCO CA Santa Cruz - 10/16 0206 - Out of network news (not sure which one) with KSCO weather, and . . . on *Newstalk 1080*. Poor, with KRLD partially nulled. New for CA #90. (JW-CO)
- WRES KY Louisville - 10/16 0135 - Fair, with C&W, under KRLD talk show. Call ID for FM as 107-7 WHKW. Is the AM still WRES? (DS-TN) [No. See AM Switch Vol.62, Issue 30 for call change to WHKW. You and Neal Perdue should get together on this one, hi - Ed.]
- 1190 KBCO CO Boulder - 10/24 0129 - *Lovelines* talk show, then into Rock music at 0200. IDed as KBCO 97.3. Very clear signal, with WOWO barely audible in background. Could they have been using 5 kw? (DE-MO)
- KGBS TX Dallas - 10/16 0200 - Over/under WOWO with talk, legal ID, CNN News, promo for Liddy, Bloomberg , and Limbaugh . (DS-TN)
- 1200 CKXN BC Victoria - 10/17 0800 - On top, with ID: *This is 1200, CKXN Country*. Thanks for tip from Robert Wein (or is it Wien?). Ex:CKDA. (LBG-MT)
- 1260 KTTS MO Springfield - 10/7 0030 - Legal ID and local ad for John Deere . (CR-CO)  
 1290 KOWB WY Laramie - 10/11 0113 - Local ads, call ID, then back to Sports Fan Radio Network . Good, over QRM. (JW-CO)
- 1310 KIVA NM Corrales - 10/12 0235 - ID as KIVA...*Key-Va*. Good signal with NOS music. (CR-CO)
- 1330 CJYM SK Rosetown - 10/11 0105 - Briefly atop frequency, with male announcer with plea to *advertise non-profit community events on 1330 and 1210* and gave phone numbers as 463-4411 and 882-2686 (the latter jives with that given in Log for CJYM). The 1210 station, CFYM, not heard due to hugeness of KGYN. At 0106, *Now, another Rock Flop (?) - more music, less talk on Classic Hits and Today's Favorites 1330 and 1210 into Fleetwood Mac* tune. (JW-CO)
- 1370 WOCA FL Ocala - 10/20 0700 - Space shuttle launch delay talk, with information about new launch time, followed by legal ID. (TB-AL)
- 1460 KDMI IA Des Moines - 10/10 0720 - *The best in religious programming KDMI Des Moines*. Usually strong with REL. (CR-CO)

## 0800 TO 1600 HOURS ELT

- 770 KNWX WA Seattle - 9/28 0900 - Rather weak, with *We give you the world, all-news 770, KNWX Seattle. All the news. All the time.* Ex: 1090. (LBG-MT)
- 1240 KANE LA New Iberia - 10/17 1409 - Heard through adjacent-channel slop from KNUZ-1230 with network ads, good promo spot/ID at 1413, *"Hi, this is Ken Romero inviting you to join the improved and bigger Breakfast Club. The Breakfast Club meets from 5:30 until 10 Monday through Friday mornings with more news, sports, and weather than ever before. Of course, we'll have more chances for you to win, too -- the Morning Mystery Oldies, Astros trivia, and many, many more giveaways. Only KANE has Paul Harvey News at 7:30 and Dr. James Dobson's Family Commentary at 6 ... 5:55 with the parish's only local agricultural news and Ed Moore's radar forecast is just what you need to plan your day ... local and state news*



and sports ... and we bring you the latest world-wide news from the ABC Network ... from 5:30 until 10 Monday through Friday mornings, only on KANE, New Iberia's radio station!" Another sports promo/ID at 1415, USL Football Saturday on KANE. (SP-TX)

- 1250 KIKC MT Forsyth - 10/11 0925 - Legal ID and Montana high school sports report. (CR-CO)
- 1390 KULP TX El Campo 10/16 1059:45 - Out of football and mess, ID 1390, KULP, El Campo by woman with very "sharp" voice, then lost under KCRC ID. Shows that even a 500 watt station can punch through the noise at times. (PLS-KS)
- 1460 KLTC ND Dickenson - 10/11 0940 - ID and news and weather, local ads and birthday greetings for Dickenson area residents. (CR-CO)
- 1490 KCID ID Caldwell - 10/15 1059 - Poor, in QRM, with . . . *Treasure Valley . . . this is KCID Caldwell*. Have they dropped the dual-city (with Nampa) ID? (JW-CO) [Most times you still hear it - Ed.]
- KRSN NM Los Alamos - 10/13 0910 - ID and weather for Los Alamos and Sante Fe. (CR-CO)
- 1500 KABR NM Alamo Community - 10/15 1001 - ID by female, followed by *An opening and closing prayer for KABR* which began with *O Great Spirit . . .*, all in EE with Indian flute music in background. Heard later at 1030 with announcements in Navajo language, then local birthday greetings in EE. Fair signal; regular here. Interesting station, with much local flavor. (JW-CO)
- 1580 KGAL OR Lebanon - 9/28 0803 - Strong and dominant, with: *Our news each morning, our talk all day on AM-1580, KGAL, the Talk of the Valley.* (LBG-MT)

## 1600 TO 2400 HOURS ELT

- 560 WOOF AL Dothan - 10/21 1649 - Promo for All Disco Night at the Fort Rucker NCO Club. IDed as *Y-West 99.7 and WOOF 560*. (TB-AL)
- 570 WAAX AL Gadsden - 10/21 1714 - DJ complaining about his broken hot tub, Florida State Fair ad. IDed as *Newstalk 570, G. Gordon Liddy* Show Promo. (TB-AL)
- 580 WBIL AL Tuskegee - 10/21 1640 - Live broadcast from Kentucky State University football game--game tied and gone into overtime. IDed during break at 1645. (TB-AL)
- 610 WZZK AL Birmingham - 10/21 1636 - IDed as 107.7 WZZK. Tim McGraw Weekend contest at 741-9105, played Sawyer Brown's *Thank God For You*. (TB-AL)
- 690 WJOX AL Birmingham - 10/21 1629 - With Auburn football. Score 27-13 given at 1630, CL ID. (TB-AL)
- 910 WKEQ KY Burnside - 10/11 1930 - In briefly, in SSS conditions, with W??? *Somerset, WKEQ Burnside* into news. Should be 115 watts night power at this time. New. (NAP-AL)
- 920 WTCW KY Whitesburg - 10/11 1935 - CLs and city, C&W music and mention of K-104. A good example of an area being "in" at a given time. (NAP-AL)
- 980 KDSJ SD Deadwood - 10/19 2300 - legal ID and high school football game. (CR-CO)
- 1000 WXTN MS Lexington - 10/7 1930 - Heard after local WDJL sign-off, with black gospel and legal ID. (NAP-AL)
- KKIM NM Albuquerque - 10/6 2159 - Program *Old Time Radio* ending, then *Christian Talk Radio for New Mexico*, then ID. On Auroral evening night, with no sign of KOMO. (LBG-MT)
- 1010 KLYQ OR Milwaukie - 9/26 2229 - Ending informal talk show, then sign-off announcement. (LBG-MT)
- 1050 KBLE WA Seattle - 9/24 2255-2302 - Strong signal, running Chinese program (Mandarin, I think). ID at 2302: *We're KBLE Seattle, making a difference in the Northwest*. I phoned station. Announcer said he forgot to power down at 2230. (LBG-MT)
- 1060 KUKQ AZ Tempe - 10/20 2056 - Alternative music news and AO music KUKQ AM 1060 and *Alternative 1060 KQ*. (CR-CO)
- 1140 KPWB MO Piedmont - 10/8 1945 - In nicely, with gospel music, then sign-off announcements ending with CLs. New. (NAP-AL)
- 1150 WJBO LA Baton Rouge - 10/21 2212 - LSU vs North Texas football. Score 49-0. 2237 IDed as WJBO Baton Rouge. (TB-AL)

- 1190 WBSL MS Bay St. Louis - 10/14 1855 - Heard through adjacent-channel slop (KGOL-1180, Humble, TX, and WOAI-1200, San Antonio, TX) with R&B/Blues music and numerous WBSL AM 1190, Bay St. Louis, Gulfport, Biloxi ID's between selections. Did not catch any commercials or a sign-off statement. (SP-TX)
- 1190 KFEZ MO Kansas City - 10/10 2315 - Opera and CLA music, then ad for the Avalon College Golf Classic . (CR-CO)
- 1200 WQLS AL Ozark - 10/3 1947 - Brand new with more music, 1200 WQLS into Paul Anka song. Abrupt power drop (is CH for WOAI) [I think the CH is for WQLS, not WOAI - Ed.]. A format change from news-talk. New, only second on 1200 other than WOAI. KFNW being the other. (NAP-AL)
- KFNW ND West Fargo - 9/22 2115 - Strong, in apparent CKDA absence, with legal ID + . . . radio for growing Christians. (LBG-MT)
- 1250 WAPZ AL Wetumpka - 10/21 1911 - R&B, Natalie Cole song into local weather and station ID. (TB-AL)
- 1280 WWPG AL Tuscaloosa - 10/7 1958 - In briefly, with CLs. Last heard as WNPT. (NAP-AL)
- 1310 KNOX ND Grand Forks - 10/11 1648-1701 - With C&W music and ads into legal ID and ABC News. With KOLY-1300 splash. Detailed report sent. (BM-SD)
- 1330 WVHI IN Evansville - 10/21 1857 - Sports talk about the World Series and Atlanta Braves, ESPN Sports Radio promo. CL ID. (TB-AL)
- 1350 KSRO CA Santa Rosa - 10/5 2259 - Announcer: *You're listening to 1350-AM, KSRO, Santa Rosa, where Sonoma County goes for a ????* . New for me. (LBG-MT [Maybe a "beer"? hi - Ed.]
- 1360 KBUY NM Ruidoso - 10/9 2130 - C&W music and *K-Buy* IDs. (CR-CO)
- 1370 KSOP UT Salt Lake City - 10/20 2051 - *KSOP country 104.3*, C&W music. Very strong and then probable power cut. (CR-CO)
- 1550 WEVR WI River Falls - 10/10 1622-1626 - With local ads and local news on *WEVR and WEVR FM stereo*. A brief report sent with details pulled out of the mess. (BM-SD)

### ABBREVIATIONS USED IN DDXD

/ /:parallel to :00:on the hour AC:Adult contemporary AP:Associated Press BBD:big band BRN:Business Radio Net C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel IRN:Interstate Radio Net LSR:local sunrise LSS:local sunset NBA:National Basketball Assn NFL: National Football League NPR:National Public Radio OC:open carrier POL: political PRI: Public Radio International PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International

**kmbz-kmbr radio**  
4925 BELLEFleur ROAD-SHAWNEE MISSOURI, KANSAS 66205

### NEWS AND VIEWS

Welcome to first time reporter Fred Nordquist. DXers in the northeast have really taken advantage of WPTR's silence, but it's already over!

### SPECIAL

- 830 WWMO NC Eden - 9/24 2002 - Still WWMO, heard sign-off (not 24 Hr NSP) and mentions of 50,000 watt power. WCCO in the clear after sign-off. (JK-VA)
- 850 WYDE AL Birmingham - 9/24 2148 - Strong over KOA with CW and "WYDE Country...the legendary 8-50 WYDE". (JK-VA)
- 1130 WASP PA Brownsville - Regarding DB's catch of WASP, the station simulcasts its FM 94.9 in Oliver, PA with CW except from 0900-1715 when it airs its own programming consisting of local news and talk, *Peoples Radio Network* talk, and relays WPXI-TV-11's noon newscast. *Ken Smith* hosts the local talk show, The Bee Line (wasp, bee, get it?) and reads most of the local news as well. (CC-PA)
- 1460 WVOX NY New Rochelle - 10/16 1540 - Re: CRB-NY in Vol. 63, No. 1, ID as "AM 1460 WVOX," into NOS music. WRTN is their FM call. (DY-CT)

- 1540 WBCB NY Albany - 10/16 0615 - "WBCB Albany, WBCW Syracuse, WGCA" or "H" no location given. "Life Changing Radio", AM 1540" were slogans given. One ID was "our call letters are AM 1540". Full scale when I tuned in. Joint IDs with mention only of Capital District and Albany during morning. Did modern REL music and satellite feed of a sermon. Heard on car radio again from Patchogue until WNWR signed-on at 0715. Tuned in around 1700 and they were mixed with WNWR until latter signed-off at 1830, then alone on frequency with more REL music and some EZL. Gave Albany and Syracuse IDs during this session. No mention of a third location. Only ads heard were for Bibles and US Navy Chaplain program. Apparently WPTR is no more and possibly the same for WSV. (CRB-NY) (I think the "WBCW" you heard was probably "WDCW" - 1390 - db)
- 1540 WDCD NY Albany - 10/17 1850-1900 - Ex-WPTR, noted on with their new call letters and religious format. (RWT-MA)
- 1540 WDCD NY Albany - 10/22 2200 - Joins *Crawford Group* with religious prgrams. (FN-NY)
- 1550 WCXJ PA Braddock - Has all local programming, Black oriented talk during the morning, B:AC during the afternoon. (CC-PA)
- 1580 WWOFF NC Camp Lejeune - I've been checking the frequency almost daily, but no activity. The phone number is no longer in service, and the Chamber of Commerce says they have no knowledge of any radio station coming to the area or information regarding WWOFF. If you have an unanswered report (like a DXer in Finland I'm trying to get a QSL for), it doesn't look good. (MH- NC)

### DX TESTS

- 560 KLZ CO Denver - 10/2 0200-0230 - Tried, nothing heard. (KVJ-GA)
- 590 KID ID Idaho Falls - 10/14 0200-0300 - Mainly WOW, which was loud on peaks, and some WBMW. WBMW must have changed something since they are now coming in here often. (JK-VA) ...Tried, not heard. (DS-DE)
- 1320 WOBL OH Oberlin - 10/5 0000-0030 - Tried, nothing heard. (KVJ-GA)

### UNID AND UNID HELP

- 1030 UNID 9/24 2120 - Someone with sports format, way, way under WBZ. (JK-VA)
- 1280 UNID Heard most nights in WADO null with religious programs. Cheesy religious dramas weeknights at 2030, some paid preaching programs, some religious music (mostly instrumental or hymns). Can't seem to get an ID, although strong at times. WTTX? (DY-CT)
- 1320 UNID 10/14 0917 - Someone with "Sports Radio 1320" ID, WARA? (DB-DE)
- 1600 UNID Heard many evenings since June with *One on One Sports*. No clue, and of course always fades at ID time. (DY-CT)

### 0000 to 0800 ELT

- 620 WRJZ TN Knoxville - 10/11 0040 - Religious programming, ID. (WM-MD)
- 720 WWII PA Shiremanstown - 10/10/95 0615 - Religious. "Love 720". Traffic with *Tom Rafbone*. Ad for *Surefine Market*. ID "Listener Supported Christian Radio", "Radiothon Continues". (PG-MA)
- 850 KOA CO Denver - 10/16 0530 - News report, mention of "Million Man March", "News and Sports Radio", QRM. (WM-MD)
- 920 WMEI FL Melbourne - 10/20 0100 - ESPN Sports Byline , 3 IDs mentioning "Voice of the Jacksonville Jaguars", fair-good with WHJJ. (DY-CT)
- 1240 WTRN NY Jamestown - 10/15 0005 - NY lottery numbers, 2 IDs, promo for sports talk show, fair. (DY-CT)
- 1330 WTRX MI Flint - 10/15 0747 - On top of WFLP and WSPQ with One on One Sports ; 0800 legal ID also mentioning 1440-WMAX (Bay City). (NjW-ON)
- 1370 WDXE TN Lawrenceburg - 10/11 0643 - Good-fair with call letters, school lunch menu, ad for *Midwest Propane*, obituaries. (MB-IN)
- 1500 WLQV MI Detroit - 10/10 0102 - ID. WTOP off the air? (PG-MA)
- 1540 KXEL IA Waterloo - 10/13 0650 - On car radio en route and at Patchogue, NY. The Road Gang Show , tunes by *Al Hibbler* HE Fats did Blueberry Hill , *Helen Reddy* with *You and Me* , and Near You by ?. News at 0700. Ad by *Bob Villa* for *Sears*. (CRB-NY)



- 10  
 WREJ VA Richmond - 10/13 0650 - On car radio en route and at Patchogue, NY. Played old style spirituals. Multiple IDs at 0710. No ads heard. (CRB-NY)  
 1580 WDAB SC Travelers Rest - 10/15 0642 - On top of CBJ with CNN Headline News; 0700 ID as "Newsradio 15-80 WDAB". (NjW-ON)  
 1600 WPOM FL Riviera Beach - 10/15 0100 - Clear ID by deep-voiced man, black Gospel music, good over/under WWRL. (DY-CT)  
 WIDU NC Fayetteville - 10/15 0001 - Religious program, several IDs, good in WWRL null. (DY-CT)

### 0800 to 1600 ELT

- 840 WRYM CT New Britain - 10/21 1041-1105 - Spanish music noted, no legal ID heard, but must be them, based on format and geographical location. (RWT-MA)  
 1370 WALK NY East Patchogue - 10/14 0909 - Rod Stewart song, "107.5 FM" ID, several mentions of call letters, promo for a "Number One weekend", mention of *Oyster Festival*, weather. (DB-DE)  
 1510 WNLC CT New London - 10/21 0928-1000 - Noted underneath WNRB with a gardening advice program and ID on the hour. Not usually heard here. (RWT-MA)  
 1550 WNTN MA Newton - 10/14 0841 - Ads for businesses in Boston and Arlington in EE, then ETH music until fadeout just before 0900. Heard on a morning a strong cold front went through the area from New England to Richmond, many stations on that line in louder and longer than normal. This in null of WVAB with CNN Headline News. Does this match their Saturday morning format? (DB-DE)  
  
 1590 WFTH VA Richmond - 10/14 0902 - GOS, ads for show at church in Richmond, woman ?? Jones with ID. (DB-DE)  
 1600 WKEN DE Dover - 10/7 1254 - Noted with OC and off at times in 15 minute period before came back on with regular programming. Only presumed WINX on top of mess audible when off. (DB-DE)

### 1600 to 0000 ELT

- 550 WDEV VT Waterbury - 10/1 2335 - "Fall Foliage 300" auto race. *Vermont Engine Service, Bel-Air Restaurant* on the Barre-Montpelier Road. Some interference from CFNB. (PG-MA)  
 590 WMBS PA Uniontown - 9/27 2009 - State and local news, PA lottery numbers, "Weather Watch 59". (KVJ-GA)  
 690 WOKV FL Jacksonville - 10/19 1850 - Finally IDed this one, promo for sports program, mention Jaguars NFL network, two IDs, good. (DY-CT)  
 720 CHTN PI Charlotte - 9/24 2124 - Blasting in at S9+ levels over WGN with "Good time oldies on 7-20 CHTN, Charlotte". (JK-VA)  
 760 WMEN TN Knoxville - 9/29 1944 - Christian Country format, "The Spirit of 76" promo, church announcements. (KVJ-GA)  
 850 KOA CO Denver - 10/1 2320 - Sports and "News Radio 85 KOA". They have a nice QSL card! (JK-VA)  
 WEAT FL West Palm Beach - 10/1 2319 - Strong over/under KOA with "8-5-0 News radio, WEAT". New. (JK-VA)  
 890 WBPS MA Wellesley - 10/17 1747 - Ads, "WBPS, Boston's Prime Sports," fair-good, first time here. (DY-CT)  
 920 WTCW KY Whitesburg - 10/13 2115 - High school football game between Barren County and Whitesburg, ads for children's health care and *Hammerhead Restaurant*. (WM-MD)  
 970 WWSW PA Pittsburgh - 10/9 2040 - Ad for *Pizza Roll*, promo for oldies nightclub, ID. (WM-MD)  
 1040 WFXV FL Boynton Beach - 10/2 2324 - In many nights over WHO with "Foxy 10-40" and UC. Seems much louder than the 1000 watts listed. (JK-VA)  
 1110 CKTY ON Sarnia - 10/17 1905-1915 - Legal ID heard at 1915; frequent references to "You're listening to country music radio". Good with WBT nulled out. (RWT-MA)  
 1130 KWKH LA Shreveport - 9/24 2028 - Strong over with WBBR with "Here's John Connelly on KWKH the Radio Ranch". (JK-VA)  
 1150 WDEL DE Wilmington - 9/24 2308 - Good with "Pick yours up today at the WDEL/WSTW studios here on Shipley Road" and "News, Talk and Sports, AM 11-50 WDEL". (JK-VA)

- 1180 WMYT NC Carolina Beach - 9/4 1930 - Good with a *Spiritual Heart* promo, and mentions of WMYT. New here. (JK-VA)  
 1230 WNAW MA North Adams - 10/17 1723 - ID, Two Princes, atop channel. (DY-CT)  
 1270 WLIK TN Newport - 9/18 2200 - Mentions of eastern TN and "WLIK, Newport". New. (JK-VA)  
 1280 WODT LA New Orleans - 10/13 2040 - Ads for lumber, *Shoney's*, high school football with mention of Willowdale. (WM-MD)  
 1310 WSSJ NJ Camden - 10/7 2312 - Music Hold Me, Hold Me. First time heard and at 250 watts? Fading in and out but strong. (PG-MA)  
 CHGB PQ La Pocatiere - 10/16 2205 - FF talk over WIBA. (WM-MD)  
 1390 WEOK NY Poughkeepsie - 10/17 2105-2115 - ID at 2108 "WEOK, Your great station for great memories". No sign of WPLM or WMZQ. (RWT-MA)  
 1420 WASR NH Wolfesboro - 10/17 1708 - Weather, ID, ad, good atop others. (DY-CT)  
 1440 WGIG GA Brunswick - 9/18 2150 - Sports and "14-40 WGIG". New. (JK-VA)  
 1460 WHBK NC Marshall - 10/6 2013 - Atop with high school football, "Homecoming '95" game. (DS-SC)  
 1470 WJDY MD Salisbury - 10/17 2028-2047 - Hard to believe it was them, as the information I have is that they reduce power to 43 watts at night, but ID clearly heard between fades of WKAP (ex-WXKW). (RWT-MA)  
 WKAP PA Allentown - 10/8 2224 - On the air again over/under WMMW and CHOW with "Tell a friend we're back, the only station to play your favorites, WKAP", then NOS. (JK-VA)  
 1520 WTNL FL Orlando-Winter Garden - 10/2 2320 - On late, way over WWKB and Saudi Arabia with REL and "Orlando-Winter Garden's Solid Gospel". New. (JK-VA)  
 WKZQ SC Myrtle Beach - 10/10 1925 - "100.7 WKZQ, The Beach's Best Rock" promo, then The Birthday Bunch program. (KVJ-GA)  
 1540 KXEL IA Waterloo - 10/8 2101 - NOS, "America's favorite musical memories on KXEL, Waterloo, Iowa", heavy QRM from Bahamas and CHIN. (JK-VA)  
 WMYF NH Exeter - 10/17 1732 - Long-sought station, finally heard with weather, ID, promo, fair under WPTR, WNWR. (DY-CT)  
 WREJ VA Richmond - 10/14 1846-1901 - Good over/under CHIN and jumble with Gospel music and "Rejoice Radio" slogan. Made possible by temporary silence of WPTR. (MD-MA)  
 CHIN ON Toronto - 10/10/95 2135 - Ad for *Indian Bazaar* followed by "Geetma? Radio" sponsored by *Asian Video Wholesalers*. (Quite a difference without WPTR on). (PG-MA)  
 1570 WXLN IN New Albany - 10/7 1846 - Religious format, *WXLN Bumper Stricker Contest* promo, signal dropped suddenly in 1948. (KVJ-GA)  
 1570 WBUG NY Amsterdam - 10/14 1748 - Presumed the one with a lengthy spot for the *Amsterdam Memorial Hospital Oktoberfest*; 1749 ID as "Real Country 1570-1230-FM 101"; good over WFLR and WANR. (NjW-ON)  
 WTLK NC Taylorsville - 10/1 2049 - On after LSS mentioned in the Log with OLD/CW and what sounded like a dual ID for "1570 WTLK and...WACD(?)". (JK-VA)  
 1580 WSRF FL Fort Lauderdale - 10/7 1935 - Running a program called India on the Air with East Indian music...really had me fooled until I heard an EE ID! (KVJ-GA)  
 1590 WASB NY Brockport - 10/17 2243 - ID, religious program on drug abuse, good. (DY-CT)  
 1600 KLEB LA Golden Meadow - 10/1 2241-2246 - Fair-good during possible AU conditions with "I'm Bob Forrester on Cajun Country, KLEB". Not bad for 250 watts on a walkman for LA #6 in VA! How many miles per watt is that? (JK-VA)  
 CHNR ON Simcoe - 10/1 2247 - In during fade of KLEB with "Good time oldies" and "CHNR" mentions. Rare here. (JK-VA)



### OTHER STUFF

- 530 TAR DE Bear - This is the DelDOT station located at Route 13 and 7 and has been running "This is a test" since July, NSP. Thus far, I have not heard any IDs given on any of the DE TAR stations. (DS-DE)  
 830 TIS PA Philadelphia - At Penn's Landins, the only ID this is giving now is the "WNEN" calls but not the 3 numbers, nobody knew about this station when I called a couple of numbers being given on the air. (DS-DE)

1610 WPAN???

NY Buffalo - 10/7 1900 - Not sure of entire calls on this TIS. *I Love New York* travel promos, traffic advisories for New York State Thruway, ID at 1903; poor. (NjW-MI)

1610 KPC755 NC

Ocracoke - 10/18 0844-0855 - Call letters presumed - not announced. Cape Hatteras National Seashore TIS with woman announcer giving info that most everything is closed for the season, but with a toll free number to call. Signal fair-poor at Cedar Island terminal. Loud and clear at Ocracoke Island terminal, but nearly non-existent as we headed towards Hatteras. At times, seemed like a second TIS (Bodie Island and Buxton listed as having stations) under Ocracoke, but not certain. (MH-NC)

**KILT****610AM**

THE KILT STATIONS  
KILT & FM100  
500 Lavett Boulevard  
Houston, Texas 77006  
(713) 526-3461

CRB-NY

C. R. Bernth, Eastport, NY:

MB-IN

Mark Burns, Terre Haute, IN: Drake R-8, Quantum Loop, 80' longwire

CC-PA

Chris Cuomo, Verona, PA:

MD-MA

Marc DeLorenzo, Auburndale, MA: Clarion car radio

PG-MA

Phil Greenspan, Marshfield, MA: Sony 7600G with and without Select-a-tenna

MH-NC

Mike Hardester, Mike.Hardester@BarberShop.COM, DXing on Cedar Island, NC: 1986 GMC Jimmy with fender antenna

KVJ-GA

Karl V. Jeter, Lawrenceville, GA: HQ-150, TRF, Quantum Loop, 4' loop

JK-VA

Jeff Kitz, Jarratt, VA: Sony FD-555, Panasonic RQ-V60 walkman

WM-MD

William McGuire, Cheverly, MD: DX-380

FN-NY

Fred Nordquist, Syracuse, NY:

DS-DE

Dave Schmidt, New Castle, DE: HQ180A, SM2, Superadio II (Thanks for the WNRK magnet! - db)

DS-SC

Dave Schmidt, Conway, SC: R390A, MWDX5, HQ129X, 2-250' longwires

RWT-MA

Richard W. Turner, North Dartmouth, MA: Realistic STA-785, Recoton FM200 and Select-A-Tenna Loops

NJW-MI

Niel Wolfish, lobo@io.org, DXing in Brighton, Michigan: ICF-2010, Radio West Loop

NjW-ON

Niel Wolfish, lobo@io.org, Toronto, ON: Honda Car Stereo

DY-CT

David Yocis, Norwalk, CT: R71A, Kiwa Loop

DB-DE

Dave Braun, Wyoming, DE: R-5000, Quantum Loop

**REPORTERS***Dave*

# International Jim Renfrew [JimRenfrew@Delphi.com](mailto:JimRenfrew@Delphi.com)

## DX Digest

61 Wilcox Street  
Rochester, NY 14607-3832

**Foreign DX Catches. Times are UTC; for ELI, subtract 5 hrs.**

Read below to see the proof that Paul Swearingen does have time to DX! (Mr. Buzzz was on a one-day vacation, hi! -pls) His report from Kansas is our 18th state reporting in this young season. This is an all-Pan American DX week.

**PAN-AMERICAN DX**

- 526 BAHAMAS Stella Maris, OCT 8 0127 - Good signal, ZLS code beacon. [Wyllie-RI]  
570 CUBA CMDC Pilon, OCT 8 0129 - Loud signal, news, clock ticks, but NO CODE ID heard, voice ID as "Radio Reloj". [Wyllie-RI]  
595 DOMINICA DBS, Hillsborough, OCT 21 0342 - Caribbean music, heavily accented EE announcer, good in WICC-600 slop. [Yocis-CT]  
600 CUBA CMKX Urbano Noris, OCT 14 - Strong signal // 670, 680, 710. [Wyllie-RI]  
610 COLOMBIA HJKL, Bogotá, OCT 21 0337 - SS music, "Bolero RCN" ID, very good over WIP. [Yocis-CT]  
620 CUBA CMGN Colon, OCT 7 0100 - Strong signal // 710. Not usually heard on this frequency, loud for this. [Wyllie-RI]  
630 VENEZUELA YVKA, Caracas, OCT 21 0338 - Tentative with SS music, religious talk, "Radio Nacional presente ..." at 0338, over another SS talk station, presumed WSKN. Very good at times. [Yocis-CT]  
640 CUBA CMBC Guanabacoa, OCT 7 0103 - Good signal, Radio Progreso // 660. [Wyllie-RI]  
650 COLOMBIA HJKH Bogotá, OCT 14 0304 - Antena Dos, weak but good. [Wyllie-RI]  
660 CUBA CMHG Santa Clara, OCT 8 0133 - Good with Radio Progreso ID behind WFAN. [Wyllie-RI]

660 HONDURAS HRN LV de Honduras, Tegucigalpa, OCT 13 1122-1130 and OCT 14 1057-1115 - News programs, many timechecks and IDs, mostly as "La Voz de Honduras", a few as "HRN, La Voz de Honduras". [Lazarus-LA]

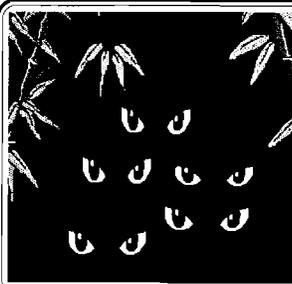
- 670 CUBA CMQ Arroyo Arenas, OCT 7 - Good, R. Rebelde // 710, also another SS station in the background, most likely Venezuela. [Wyllie-RI]  
690 ECUADOR HCJB Quito, OCT 7 0600-0618 - Heard 45 second CW message, but nothing else, during DX test. The CW came through quite clear. Otherwise the frequency was a jumble. [Moore-IA]  
700 COLOMBIA HJCX Cali, OCT 8 0139 - SS talk, mention of Caracol and Colombia, good signal. [Wyllie-RI]  
700 JAMAICA JBC R. One, Montego Bay, OCT 21 0327 - Soca-type music, time, ID, into "JBC Sports Report," good over WLW, presumed HJCX. [Yocis-CT]  
720 VENEZUELA YVQE Porlamar, OCT 20 0335 - Lous signal, clear jingle with chorus singing "Radio Oriente", not always strong. [Wyllie-MA]  
730 TRINIDAD R. Trinidad, Port of Spain, OCT 21 0359-0401 - VOA EE program suddenly rises atop, "Stateside" program, promo for "VOA Sunday" program next day, VOA ID 0359, then into VOA news ... but two test tones interrupted news at 0401, into a program called "Hope and Light," male Caribbean-accented announcer, who said it was a one-hour program of music. Who else could this be? [Yocis-CT] (We heard them running VOA all night, along with Trinidad 610, up in Newfoundland, but no local IDs during VOA programs were noted - Jim)  
732.8 UNID, OCT 21 0307+ - Slow SS music and ballads, talk by soft-spoken man between songs, possible R. Melodia ID at 0310, then faded, came back with strong sign-off announcement at 0354, and national anthem ... I don't know which is which! The sign-off sounded like "Radio Nacional de Venezuela termine su transmición," but audio was muffled. Fairly strong on peaks. [Yocis-CT]  
740 NICARAGUA Radio Sandino, OCT 15 0153-0157 - Briefly on top with sports & several mentions of Nicaragua. Presumed. [Moore-IA]  
750 VENEZUELA YVKS Caracas, OCT 14 - R. Caracas ID, strong. [Wyllie-RI]  
750 COLOMBIA HJDK, Medellin, OCT 21 0317 - CARACOL ID, ads, good over R. Caracas Radio's Venezuelan news. [Yocis-CT]



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HANDBOOK

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- 760 COLOMBIA HJ?? Barranquilla, OCT 8 - RCN ID, strong. [Wyllie-RI]  
 770 COLOMBIA HJXX Bogotá, OCT 8 - good signal, // 770. [Wyllie-RI]  
 780 VENEZUELA YVMN Coro, OCT 20 0329 - Strong, chorus singing "Radio Coro" jingle, many Coro IDs. [Wyllie-MA]  
 810 MEXICO XEFW Tampico, OCT 8 0337-0345 - Romantic music, "Radio ... Estrella" ID. Poor in jumble. [Moore-IA]  
 840 CUBA CMHW Santa Clara, OCT 8 0254 - Booming in over WHAS, with "W" IDs, and mention of Santa Clara, not usually heard. [Wyllie-RI]  
 900 CUBA CMDT Manzanillo, OCT 21 0400 - Many Cuba mentions, supposed to be R. Progreso, but I didn't hear it. [Wyllie-MA]  
 920 MEXICO XETAA R. Éxitos, Torreón, OCT 9 0530., OCT 10 0640-0658, OCT 11 0444-0446 - Programs of fast LA music with announcements by man. A couple of recorded IDs heard, including the following: "Está escuchando Radio Éxitos, XHTAA, FM, 102 ... mHz con 3000 watts de potencia, y XETAA con 5000 watts en 920 AM. Radio Éxitos transmite con la más ... desde Torreón, Coahuila para toda la ... escucha la doble potencia de Radio Éxitos". [Lazarus-LA]  
 920 MEXICO XEOK Radio ACIR, Monterrey, OCT 9 0557-0603 - Two programs which seemed to be religious, 2 IDs as "XEOK, Radio ACIR". [Lazarus-LA]  
 930 CUBA R. Reloj, synchros, OCT 20 0444 - Usual man and woman, ID, no time pips noted though, good. [Yocis-CT]  
 960 CUBA CMHJ Cienfuegos, OCT 15 - News, clock ticks, RR code weak in background, good signal. [Wyllie-MA]  
 1000 MEXICO XEOY Radio Mil, Mexico City, OCT 4 0359-0515 - Recorded ID at 0359: "Radio Mil, XEOY y XEOI. Transmitimos en el estereo las 24 horas del dia en el dial amplitud modulada y para todo el mundo en la banda de 49 metros, 6010 kHz, desde la ... con 50,000 watts de potencia. Radio Mil, mas que 50 anos ...". News program at 0400, musica romantica with announcements by man at 0430. [Lazarus-LA]  
 1000 COLOMBIA HJAJQ Cartagena, OCT 14 0013 - Many Cartagena mentions, good signal. [Wyllie-RI]  
 1210 MEXICO XEBD Jalapa, OCT 20 0245-0309 - Romantic music, several mentions of Jalapa, Radio Punto ID at hour. Mostly poor, but some dominant peaks. There was another Spanish station mixing in. Maybe Colima? [Moore-IA]  
 1550 MEXICO XENU Nuevo Laredo, TAMA OCT 22 0253 - Full detail signoff by man with heavy echo effect, over "Cielito Lindo", followed by the NA. My 21st but first foreign station on this freq. [Swearingen-KS]  
 HARMONICS 4020 ECUADOR La Voz de Su Amigo, OCT 18 1109-1122 - Romantic music & ID as "Estereo Musical - La Voz de Su Amigo". Poor. 3 X 1340. Thanks to Rich McVicar. [Moore-IA]

#### STATION NEWS

**AUSTRALIA:** Here's some details on a new Aussie "expanded bander" I tuned in to today. The following info is from a phone call to the station: Australian Dance Radio are currently broadcasting on 1620 kHz from Nerang on Queensland's Gold Coast. They are currently using only 15 watts, but they are licensed for 400 watts & will increase to this when equipment is obtained (they say this will be "soon"). Programming consists of test tapes during the week, and relays of tests from a community FM station "Hot-FM" on weekends. Their address is Australian Dance Radio, PO Box 781, Nerang QLD 4211, Australia. Full-time broadcasting will commence when equipment and announcers are obtained. [Michael Rolph via e-mail]

**MEXICO:** XEPET LV de los Mayas 740 verified that they were the station mentioned in IDXD 63-2. They sign on usually at 1100 but heard once signing on at 1130 with choral National Anthem (sung in Mayan language) and opening announcement: "...(begins in Mayan language) ...con lo que yo contaba ... XEPET ... cuya emision llega a usted ... 740 ...". XEPET is part of a network of 17 stations throughout Mexico, all of which broadcast in various Indian dialects, called "Sistema de Radiodifusoras Culturales Indigenistas". The station plays Mayan music, called "Mayapax" or "música maya" - very unusual music, mostly instrumental, which seems (from photos of the musicians and the sound of some cassettes received) to be played with a medium-sized drum, a very small drum and a violin. XEPET broadcasts with 10,000 watts. [Lazarus-LA]

**MEXICO:** Sistema de Radiodifusoras Culturales Indigenistas: 700 XEPUJ LV del Corazón de la Montaña, X'pujil CAMP; 740 XEPET LA de los Mayas, Peto YUC; 750 XEJMN LV de los Cuatro Pueblos, Jesus María NAY; 780 XEGLO LV de la Sierra Juárez, Guelatao de Juárez OAX; XEZV 800 LV de la Montaña, Tlapa de Comonfort GUER; 830 XEPUR LV Purechas, Cheran MICH; 870 XETAR LA de la Sierra Tarahumara, Guachochi CHIH; 930 XETLA LV de Mixteca, Tlaxiaco OAX; 950 LV de la Chinantla, San Lucas Ojital OAX; 1030 XEVFS LV de la Frontera Sur, Las Margaritas

CHIAP; 1030 XEZON LV de la Siera Zongolica, Zongolica VER; 1070 XEANT LV de los Huastecas, Tancanhuitz de Santos SLP; 1130 XEETCH Etchojoa SON; 1260 XEJAM LV de la Costa Chica, Santiago Jamiltepec OAX; 1290 XEQIN LV del Valle, San Quintin BC; 1350 XECTZ LV de la Sierra Norte, Cuetzalán del Progreso PUEB; 1440 XENAC LV de los Chontales, Nacajuca TAB. [Network list via Henry Lazarus]

**UNITED KINGDOM:** The test and development station operated by Bessemer Broadcasting has returned to the air on 2404.5 kHz. It has moved locations from its former site near Sheffield to Netherkin Munday, near Peterhead in Scotland. This is a continuous transmission. Further tests on 1413kHz are still planned. [Dave Porter] Signal weakly heard in southern England last night [Steve Whitt via e-mail].

#### CONTRIBUTORS

Henry Lazarus, New Orleans LA.  
 @Don Moore, Davenport IA; Drake R-8, two 400' mini-beverages. [MOORE@ACC.MCREST.EDU]  
 @Paul Swearingen, Topeka KS; R-1000, Sanserino/Martens loop combo.  
 William Wyllie, DXing from Franklin MA and Prudence Island RI; DX-390 with built-in antenna.  
 @David Yocis, Norwalk CT; R71A, Kiwa loop.

## FCC to Permit Unattended Stations

-via John D. Bowker

(At many stations there are simply no human beings seen from sun-up to midnight. Somebody comes in, occasionally, to cut a weather cart or re-do a commercial .. everything else is computer controlled and satellite fed.

This FCC release ties in ..uhh, nicely. -JDB)

**KETZ**  
1010 AM

**Subject: Unattended Station  
 Federal Communications Commission  
 Report No. Dc 95-123 Action In Docket Case October 6, 1995  
 Commission Waives Rules To Permit Unattended Operation of Broadcast Stations; Updates Broadcast Station Transmitter Control And Monitoring Requirements (Mm Docket No. 94-130)**

The FCC has waived its rules in order to permit unattended operation of broadcast stations and to update broadcast station transmitter control and monitoring requirements.

Specifically, pursuant to Section 318 of the Communications Act of 1934, as amended, the Commission waived the requirement for duty operators at broadcast stations. Further, the Commission eliminated the need for station operators (where optionally employed) to hold the Restricted Radio Telephone Operator Permit (RP); and updated the rules relating to transmitter monitoring to bring them up to date with respect to the capabilities afforded by modern electronic technology.

The Commission noted that in many areas of broadcast operation, automation is seen as affording more accurate and controlled operation than that performed by humans. Additionally, unattended operation is seen as permitting the more effective use of financial resources to enhance other station operations and services. Such operations, the Commission stated, is seen as potentially improving the viability of financially marginal stations.

The Commission stated that the new Emergency Alert System (EAS), unlike the EBS, is designed for automatic operation and therefore does not require human involvement. However, because of the numerous petitions for reconsideration of the EAS Report and Order, the availability of EAS equipment has been delayed. The Commission believes it should afford licensees the maximum possible latitude in satisfying present EBS and future EAS responsibilities, having in mind the ingenuity that can often be brought to bear in resolving such problems.

Accordingly, the Commission will permit unattended operation in advance of implementation of the EAS, provided that licensees implement an effective method of complying with current EBS requirements and responsibilities. The Commission cautioned licensees that the implementation of an informal method or methods of automating the EBS is not a substitute for implementation of the EAS. The Commission encouraged licensees who currently participate in local EBS alerts to continue to do so through whatever means they may employ to partially or fully automate their EBS functions.

#### Team Effort ...

That's what makes the NRC so great! And all information, contributions, and editing for *DX News*, *DX Audio Service*, and all publications is done by unpaid volunteers as part of a team. Perhaps you have a little time to give to your club ... if so, please write to Ken Chatterton - P. O. Box 164 - Mannsville, NY 13661-0164, and let him know what talents and time you can offer to the club. Typists are almost always needed, as are updates to the *NRC AM Radio Log*. Why not write to Ken today?!

**Confirmed Ken MacHarg** kmacharg@mhs.hcjb.com.ec

**DX'er** HCJB - Box 39800 - Colorado Springs, CO 80949, or  
HCJB - Box 17-17-691 - Quito, Ecuador (.5 oz.: 50¢)

*Your successes in obtaining QSL's and other station items*

Hello again. In spite of power outages generated by local heavy thunderstorms, generator problems, electricity rationing because of drought in the southern part of the country, problems with HCJB's computer LAN system, postal strikes in Ecuador, and a host of other things, a good number of verifications have come through. So, let's get started right away.

#### NORTH AMERICA

COLORADO, KYGO, Denver, 1600, f/d letter in 6 weeks. V/s Robert Call, Sr. VP and GM. (Rolph--NSW)

CONNECTICUT, WICC, 600, Bridgeport, f/d letter & stickers, magnets, etc. V/s Mark Edwards, ACE. (Clar--NY)

DELAWARE, WDOV, 1410, Dover, f/d QSL, plus sticker, map, pens and note in 10 days. V/s David Schmidt, CE. [Now that name has a familiar ring! --Ken] (Clar--NY)

FLORIDA, WFFG, Marathon, 1300, p/d letter and postcards in 23 days. V/s Dannielle Ladwig, Traffic Dir. (Rolph--NSW)

FLORIDA, WQAM, 560, Miami, p/d letter with card in 177 days. V/s George Corso, CE. (Clar--NY)

HAWAII, KCCN, 1420, Honolulu, p/d letter, business card, station history and stickers in 17 days. V/s Keaumiki Akui, PD. (Clar--NY)

HAWAII, KGU, 760, Honolulu, p/d letter in 12 days. V/s Gregory Skaltsas, SM. (Clar--NY)

HAWAII, KIPA, 620, Hilo, f/d card and letter in 21 days. V/s Alan Roycroft, CE. (Clar--NY)

HAWAII, KUAI, 720, Kauai, f/d letter and stickers in 22 days. V/s Michael Friedlander, CE. (Clar--NY)

IOWA, KXEL, 1540, Waterloo, f/d QSL & info sheet in 53 days. V/s Leonard Tomkins, CE. (Clar--NY)

IOWA, WHO, 1040, Des Moines, p/d card and info in 10 days. (Clar--NY)

ILLINOIS, WBEE, 1570, Harvey, f/d prepared card and letter in 4 months V/s Jerome Burdeall, CE. (Ross--ON)

KENTUCKY, WFLE, 1060, Flemingsburg, letter in 8 days. V/s Gene McElfresh. (Myers--VA)

LOUISIANA, KROF, 960, Abbeville, prepared card and bumper sticker in 8 days after f/up. V/s Connie Jo Kerr. [Henry, the "lost letter" you mentioned arrived too late for last month's column. --Ken] (Lazarus--LA)

LOUISIANA, WWL, 870, New Orleans, f/d card with map and info sheet and Saints bumper sticker in 14 days. (Clar--NY)

MAINE, WGAN, 560, Portland, n/d note plus business card and Rush Limbaugh magnet in 55 days. V/s Charles Bullett, Eng. (Clar--NY)

MAINE, WLPZ, 1440, Portland, p/d letter in 11 days. V/s Tom Sayler, OM. (Clar--NY)

NEVADA, KUSA, 1660, Las Vegas, computer generated QSL for digital tests at NAB in 3 months. V/s J. Lunati, Engineer. (Ross--ON)

NEVADA, KUSA, 1660, Las Vegas, f/data computer generated certificate in 3 months. same V/s as above. (Rolph--NSW)

NEW JERSEY, WOBN, 1160, Lakewood Township, f/d letter, bumper sticker in 10 days. V/s Philip Galasso, CE. (he's a FM & TV DXer). (Myers--VA)

NEW MEXICO, KXXK, 1190, Albuquerque, prepared card in 68 days after f/up. V/s Kelly Cunningham, GM. (Wilkins--CO)

NORTH CAROLINA, WHPY, 1590, Clayton, V/s Keith Holland. New P.O. Box is 535. (Hardester--NC)

NORTH CAROLINA, WKMT, 1220, Kings Mountain, f/d letter, business card in 11 days. V/s Jones Bridges, P/GM. (Myers--VA)

NORTH CAROLINA, WNCA, 1570, Siler City, p/d letter and coverage map in 6 days. V/s Barry Hayes, P/GM. (Myers--VA)

NORTH CAROLINA, WPTF, 680, Raleigh, f/d card in 8 days. (Clar--NC)

OHIO, WAKR, 1590, Akron, f/d card & letter, maps, etc. in 6 days. V/s Glenn Foldessy, CE. (Clar--NY)

OHIO, WHK, 1420, Cleveland, f/d letter plus business card in 25 days. V/s Chris Quinn, CO, Engineering Mgr. (Clar--NY)

PENNSYLVANIA, WHJB, 620, Greensburg, f/d QSL sheet plus map in 20 days. V/s Richard Ruby, CE. (Clar--NY)

TENNESSEE, WLAC, 1510, Nashville, p/d letter with card, sked, map and magnet in 21 days. V/s Kelly Carls, PD. (Clar--NY)

TEXAS, WBAP, Dallas, p/d letter and bumper sticker in 36 days. V/s Clay Steely, CE. (Clar--NY)

TEXAS, KKYK, 680, San Antonio, prepared card, bumper stickers and business card in 8 days. V/s Paul Reynolds, CE. (Lazarus--LA)

TEXAS, KNIN, 990, Wichita Falls, f/d prepared card, letter, sticker and map in 9 days. V/s R. L. Morgan, Pres. (Burns--IN)

TEXAS, KPRC, 950, Houston, prepared card, business card and bumper stickers in one week. V/s Chuck McLeod, CE. (Lazarus--LA)

TEXAS, WOAI, 1200, San Antonio, f/d form letter in 3 months. V/s Dan Walthers, Tech Dir. (Rolph--NSW)

UTAH, KDYL, 1280, Salt Lake City, handwritten letter in 4 weeks. V/s Dan Jessop, PD. (Rolph--NSW)

VIRGINIA, WKDE, 1000, Alta Vista, f/d letter in 9 days. V/s Les Woodie, GM. (Myers--VA)

VIRGINIA, WXYM, 1600, Saltville, personal letter with coverage map in 52 days. V/s Beth Chapman, DJ/Manager. (Kureth--MD)

WASHINGTON, DC, WMAL, 630, f/d card and info in 6 days. V/s Don Culps, CE. (Clar--NY)

WEST VIRGINIA, WCHS, 580, Charleston, p/d letter with business card in 22 days. Stan Lang, CE. (Clar--NY)

WEST VIRGINIA, WWVA, 1170, Wheeling, prepared card, business card and bumper stickers in 8 days after f/up. V/s Rob Vandine, SM/GSM. Duplicate prepared card signed by Bob Berry received two weeks later. (Lazarus--LA)

WISCONSIN, WIZM, 1410, La Crosse, p/d letter in 6 weeks. V/s Rich Egan, CE. [Great reception Michael, and welcome to the column. --Ken] (Rolph--NSW)

WISCONSIN, WTMJ, 620, Milwaukee, f/d postcard QSL in 20 days. V/s John Schwietzer, Engineer in Charge. (Clar--NY)

#### OUTSIDE OF NORTH AMERICA

MEXICO, XEAR, Radio Mexicana, 660, Tampico, prepared card, personal letter, T-shirt, cassette of programming, post cards and tourist brochures via registered mail in one month. V/s Lic. Norma Martinez Ramirez, Coordinadora de eventos especiales. [Wow, what a haul! --Ken] (Lazarus--LA)

MEXICO, XEDGO, La Super Gruperia, 760, Durango, prepared card, rate schedule and note in 16 days after f/up. (Lazarus--LA)

MEXICO, XELN, La Llegadora, 830, Linares, personal letter and prepared card in 4 weeks. V/s Lic. Alberto Granados P. (Lazarus--LA)

MEXICO, XEMON, Radio Formula Monterrey, 1370, prepared card, personal letter, cassette with ID in 6 weeks after f/up. V/s C.P. FCO. Javier Aguilera de Alba, Gerente Regional. (Lazarus--LA)

MEXICO, XEMU, 580, Piedras Negras, personal handwritten letter in English in 11 days. V/s Claudio M, who says they have received reports from Hawaii and New Zealand. (Ponder--TX)

NICARAGUA, YNRC, Radio Catolica, 720, Managua. Prepared card, n/d letter and sticker in 40 days after f/up. First Nicaraguan on mw! V/s Monsignor Bismarck Carballo M., Director. (Wilkins--CO)

Contributors this month were: Mark Burns, Terre Haute, IN; Jim Clar, Rochester, NY; Mike Hardester, Jacksonville, North Carolina; Joe Kureth, Uniontown, MD; Henry Lazarus, New Orleans, LA; Greg Myers, Richmond, VA; Steven Ponder, Houston, TX; Michael Rolph, Inverell, New South Wales; Robert Ross, London, Ontario; John Wilkins, Wheat Ridge, Colorado.

Well, looking through these makes me look forward to some good old U.S. DX coming up next year when I'm in the U.S. for a few months! Hope you-all enjoy the season. Keep those reports coming. --Ken

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# Graveyard Achievements

**Bill Hale** bill.hale@micron.net  
495 Creekview Drive  
Meridian, ID 83642-3241

Distance records for stations logged on graveyard frequencies

## 1240 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: October 15, 1995

\* indicates North American record-holder

|      |    |                  |                  |                      |       |
|------|----|------------------|------------------|----------------------|-------|
| WEBJ | AL | Brewton          | Bruce Conti      | West Warwick, RI     | 1138  |
| WPRN |    | Butler           | Ernie Wesolowski | Omaha, NE            | 765   |
| WULA |    | Eufaula          | Robert Kramer    | Chicago, IL          | 703   |
| WOWL |    | Florence         | Ernie Wesolowski | Omaha                | 633   |
| WMGJ |    | Gadsden          | Karl Jeter       | Stone Mountain, GA   | 103   |
| WARF |    | Jasper           | Carl Dabelstein  | Lincoln, NE          | 712   |
| KJAA | AZ | Globe            | Mike Sanburn     | Bellflower, CA       | 435   |
| KVRC | AR | Arkadelphia      | Charles Reh      | Leamington, ON       | 789   |
| KTLO |    | Mountain Home    | John Malicky     | Pittsburgh, PA       | 732   |
| KWAK |    | Stuttgart        | Charles Reh      | Leamington           | 711   |
| KPOD | CA | Crescent City    | Dale Park        | Makapu'u Point, HI   | 2408  |
|      |    |                  | Phil Bytheway    | Seattle, WA          | *414  |
| KOAD |    | Lemoore          | Phil Bytheway    | Seattle              | 792   |
| KMBY |    | Monterey         | Roy Millar       | Marysville, WA       | 752   |
| KPPC |    | Pasadena         | Mike Hardester   | San Diego, CA        | 112   |
| KLOA |    | Ridgecrest       | Les Carpenter    | El Toro, CA          | 138   |
| KROY |    | Sacramento       | Craig Rathbone   | Denver, CO           | 885   |
| KSON |    | San Diego        | Phil Bytheway    | Seattle              | 1067  |
| KLFE |    | San Bernardino   | Bruce Reynolds   | San Jose             | 342   |
| KSMA |    | Santa Maria      | Phil Bytheway    | Seattle              | 880   |
| KSUE |    | Susanville       | Phil Bytheway    | Seattle              | 506   |
| KRDO | CO | Colorado Springs | John Wilkins     | West Des Moines, IA  | 621   |
| KDGO |    | Durango          | John Wilkins     | Wheat Ridge, CO      | 227   |
| KSLV |    | Monte Vista      | Phil Bytheway    | Seattle              | 1072  |
| KCRT |    | Trinidad         | Ernie Wesolowski | Omaha                | 543   |
| WWCO | CT | Waterbury        | Dave Braun       | Falls Church, VA     | 286   |
| WBGD | FL | Chipley          | Don Trelford     | Scarborough, ON      | 952   |
| WEUS |    | Eustis           | Shawn Axelrod    | Orlando, FL          | 28    |
| WINK |    | Ft. Myers        | Charles Reh      | Leamington           | 1065  |
| WMMB |    | Melbourne        | Mauricio Molano  | Madrid, Spain        | 4337  |
|      |    |                  | Marc DeLorenzo   | Hyannis, MA          | *1105 |
| WFOY |    | St. Augustine    | UK DXpedition £  | Sheigra, Scotland    | 3991  |
|      |    |                  | Charles Reh      | Leamington           | *841  |
| WBHB | GA | Fitzgerald       | Ernie Wesolowski | Omaha                | 964   |
| WGGA |    | Gainesville      | Charles Reh      | Leamington           | 537   |
| WLAG |    | La Grange        | Dave Whatmough   | Hamilton, ON         | 650   |
| WDDO |    | Macon            | Don Trelford     | Runaway Bay, Jamaica | 1072  |
| WWNS |    | Statesboro       | Carl Dabelstein  | Lincoln              | 1014  |
| WPAX |    | Thomasville      | Morris Sorensen  | Scarborough, ON      | 920   |
| WTWA |    | Thomson          | Steve Francis    | Alcoa, TN            | 180   |
| KLEI | HI | Kailua           | Eric McIntosh    | Invercargill, NZ     | 5142  |
| KVNI | ID | Coeur d'Alene    | Phil Bytheway    | Seattle              | 262   |
| KMCL |    | McCall           | Ernie Wesolowski | Omaha                | 1049  |
| KFLI |    | Mountain Home    | Phil Bytheway    | Seattle              | 445   |
| KWIK |    | Pocatello        | Esa Hänninen     | Lemmenjoki, Finland  | 4432  |
|      |    |                  | Phil Bytheway    | Seattle              | *579  |
| WCRW | IL | Chicago          | Charles Reh      | Leamington           | 264   |
| WEDC |    | Chicago          | MB DXpedition &  | Arnes, MB            | 741   |
| WSBC |    | Chicago          | Charles Reh      | Leamington           | 264   |
| WEBQ |    | Harrisburg       | Jeff Falconer    | Clinton, ON          | 543   |
| WTAX |    | Springfield      | Ernie Cooper     | Provincetown, MA     | 1029  |

|      |    |                |                  |                    |      |
|------|----|----------------|------------------|--------------------|------|
| WSDR |    | Sterling       | MB DXpedition &  | Arnes              | 703  |
| WHBU | IN | Anderson       | Niel Wolfish     | Willowdale, ON     | 403  |
| KDEC | IA | Decorah        | Wayne Heinen     | Buffalo, NY        | 653  |
| KWLC |    | Decorah        | John Wilkins     | West Des Moines    | 156  |
| KBIZ |    | Ottumwa        | Charles Reh      | Leamington         | 512  |
| KICD |    | Spencer        | Esa Hänninen     | Lemmenjoki         | 4143 |
|      |    |                | Charles Reh      | Leamington         | *644 |
| KIUL | KS | Garden City    | Esa Hänninen     | Lemmenjoki         | 4580 |
|      |    |                | MB DXpedition &  | Arnes              | *898 |
| KNSS |    | Wichita        | Esa Hänninen     | Lemmenjoki         | 4536 |
|      |    |                | MB DXpedition &  | Arnes              | *924 |
| WINN | KY | Louisville     | Ernie Wesolowski | Omaha              | 581  |
| WFTM |    | Maysville      | Charles Reh      | Leamington         | 243  |
| WPKE |    | Pikeville      | Ernie Wesolowski | Omaha              | 761  |
| WSFC |    | Somerseset     | Ernie Wesolowski | Omaha              | 670  |
| KASO | LA | Minden         | Steve Ponder     | Bossier City, LA   | 26   |
| KANE |    | New Iberia     | Jerry Starr      | Youngstown, OH     | 991  |
| WTME | ME | Lewiston       | Ron Musco        | Windsor, CT        | 197  |
| WCEM | MD | Cambridge      | Russ Edmunds     | Glen Rock, NJ      | 194  |
| WJEJ |    | Hagerstown     | Karl Jeter       | Stone Mountain     | 539  |
| WHAI | MA | Greenfield     | Marc DeLorenzo   | Hyannis            | 136  |
| WOCB |    | West Yarmouth  | Joe Kureth       | Uniontown, MD      | 386  |
| WATT | MI | Cadillac       | MB DXpedition &  | Arnes              | 698  |
| WCBY |    | Cheboygan      | Don Lynch        | Lynn, MA           | 707  |
| WJPD |    | Ishpeming      | MB DXpedition &  | Arnes              | 511  |
| WJIM |    | Lansing        | UK DXpedition ££ | Sheigra, Scotland  | 3426 |
|      |    |                | Shawn Axelrod    | Winnipeg, MB       | *771 |
| WGGR | MN | Hibbing        | John Malicky     | Pittsburgh         | 797  |
| KKRK |    | Park Rapids    | Carl Dabelstein  | Omaha, NE          | 390  |
| WJON |    | St. Cloud      | Morris Sorensen  | Leaf Rapids, MB    | 845  |
| WMPA | MS | Aberdeen       | Jerry Starr      | Youngstown         | 666  |
| WGRM |    | Greenwood      | Frank Merrill    | Milan, MI          | 690  |
| WGCM |    | Gulfport       | Frank Merrill    | Milan              | 864  |
| WMDX |    | Meridian       | Ernie Wesolowski | Omaha              | 734  |
| WMIS |    | Natchez        | Charles Reh      | Leamington         | 873  |
| KIMO | MO | Flat River     | Charles Reh      | Leamington         | 510  |
| KWOS |    | Jefferson City | Esa Hänninen     | Lemmenjoki         | 4385 |
|      |    |                | Shawn Axelrod    | Winnipeg           | *806 |
| KNEM |    | Nevada         | Shawn Axelrod    | Hecla Island, MB   | 928  |
| KUUS | MT | Billings       | Esa Hänninen     | Lemmenjoki         | 4190 |
| KBMY |    |                | Bruce Reynolds   | Warrensburg        | *895 |
| KLTZ |    | Glasgow        | Esa Hänninen     | Lemmenjoki         | 4001 |
|      |    |                | Roy Millar       | Marysville         | *726 |
| KIYQ |    | Hamilton       | Phil Bytheway    | Seattle            | 397  |
| KBLL |    | Helena         | Carl Dabelstein  | Omaha              | 881  |
| KFOR | NE | Lincoln        | Esa Hänninen     | Lemmenjoki         | 4321 |
|      |    |                | MB DXpedition &  | Arnes              | *681 |
| KODY |    | North Platte   | Esa Hänninen     | Lemmenjoki         | 4372 |
|      |    |                | Shawn Axelrod    | Winnipeg           | *614 |
| KELK | NV | Elko           | Frank Merrill    | Nenana, AK         | 2107 |
| WFTN | NH | Franklin       | Bob McCoy        | Lincoln, NE        | 1293 |
| WSNJ | NJ | Bridgeton      | Charles Reh      | Leamington         | 424  |
| KLTN | NM | Albuquerque    | Tim Hall         | Chula Vista, CA    | 626  |
| KAMQ |    | Carlsbad       | Ernie Wesolowski | Omaha              | 768  |
| KCLV |    | Clovis         | Tim Hall         | Chula Vista        | 809  |
| WGBB | NY | Freeport       | Charles Reh      | Leamington         | 475  |
| WJTN |    | Jamestown      | John Wilkins     | West Des Moines    | 747  |
| WVOS |    | Liberty        | Joe Kureth       | Uniontown          | 195  |
| WNBZ |    | Saranac Lake   | Morris Sorensen  | Scarborough        | 266  |
| WSNY |    | Schenectady    | Don Trelford     | Scarborough        | 289  |
| WATN |    | Watertown      | Joe Kureth       | Southern Pines, NC | 636  |
| WPNF | NC | Brevard        | Joe Kureth       | Uniontown          | 433  |
| WIST |    | Charlotte      | Marc DeLorenzo   | Hyannis            | 723  |

|            |                   |                  |                    |           |
|------------|-------------------|------------------|--------------------|-----------|
| WJNC       | Jacksonville      | Andy Rugg        | Montreal, PQ       | 776       |
| WJL        | Raleigh           | Don Lynch        | Lynn               | 619       |
| WWWC       | Wilkesboro        | Joe Kureth       | Uniontown          | 327       |
| KDLR       | ND Devils Lake    | Jeff Tynan       | Parker             | 663       |
| WBBW       | OH Youngstown     | Andy Rugg        | Montreal           | 438       |
| WHZ        | Zanesville        | Dave Braun       | Falls Church, VA   | 267       |
| KVSO       | OK Ardmore        | John Wilkins     | Wheat Ridge        | 585       |
| KADS       | Elk City          | Bill Hale        | Mountain Home, ID  | 1027      |
| KBEL       | Idabel            | Bruce Reynolds   | Warrensburg        | 343       |
| KOKL       | Okmulgee          | Karl Jeter       | Stone Mountain     | 682       |
| KFLY       | OR Corvallis      | Esa Hänninen     | Lemmenjoki         | 4445      |
|            |                   | Bruce Reynolds   | San Jose, CA       | *507      |
| KTIX       | Pendleton         | Olle Alm         | Abisko, Sweden     | 4259      |
|            |                   | Roy Millar       | Marysville         | *210      |
| KPRB       | Redmond           | Phil Bytheway    | Seattle            | 236       |
| KQEN       | Roseburg          | MB DXPedition &  | Valhalla Beach, MB | 1356      |
| WRTA       | PA Altoona        | Steve Francis    | Alcoa              | 438       |
| EBS        | Philadelphia      | Dan Phillips     | Clinton, TN        | 630       |
| WHUM       | Reading           | Steve Francis    | Alcoa              | 438       |
| WSEW       | Selinsgrove       | Marc DeLorenzo   | Hyannis            | 347       |
| WBAX       | Wilkes-Barre      | Steve Francis    | Alcoa              | 577       |
| WWON       | RI Woonsocket     | Russ Edmunds     | Syracuse, NY       | 248       |
| WKDK       | SC Newberry       | Steve Francis    | Alcoa              | 169       |
| WDXY       | Sumter            | Russ Edmunds     | Parsippany, NJ     | 581       |
| KCCR       | SD Pierre         | Esa Hänninen     | Lemmenjoki         | 4156      |
|            |                   | Dave Whatmough   | Hamilton, ON       | *1022     |
| WBEJ       | TN Elizabethton   | Carl Dabelstein  | Omaha              | 812       |
|            |                   | Ernie Wesolowski | Omaha              | (Tie) 812 |
| WEKR       | Fayetteville      | Dave Whatmough   | Hamilton           | 666       |
| WBIR       | Knoxville         | Andy Rugg        | Montreal           | 851       |
| WKDA       | Nashville         | Don Lynch        | Lynn               | 951       |
| WEDG       | Soddy-Daisy       | Ernie Wesolowski | Omaha              | 715       |
| WENK       | Union City        | Harry Hayes      | Gouldsboro, PA     | 780       |
| KVLF       | TX Alpine         | John Wilkins     | Fort Davis, TX     | 21        |
| KEAN       | Brownwood         | John Wilkins     | West Des Moines    | 738       |
| KORA       | Bryan             | Frank Merrill    | Milan              | 1058      |
| KXIT       | Dalhart           | John Wilkins     | Wheat Ridge        | 291       |
| KOCA       | Kilgore           | Ernie Wesolowski | Omaha              | 616       |
| KXOX       | Sweetwater        | Charles Reh      | Leamington         | 1178      |
| WSKI       | VT Montpelier     | Joe Kureth       | Uniontown          | 397       |
| WSSV       | VA Petersburg     | Andy Rugg        | Montreal           | 610       |
| WROV       | Roanoke           | Bruce Reynolds   | Warrensburg        | 755       |
| WTON       | Staunton          | Andy Rugg        | Montreal           | 579       |
| KCVL       | WA Colville       | Nancy Hardy      | Aberdeen, WA       | 295       |
| KXLE       | Ellensburg        | Shawn Axelrod    | Vancouver, BC      | 197       |
| KGy        | Olympia           | Tim Hall         | Kamloops, BC       | 276       |
| WKOY       | WV Bluefield      | Don Lynch        | Lynn               | 651       |
| WTIP       | Charleston        | Niel Wolfish     | Toronto            | 386       |
| WDNE       | Elkins            | Joe Kureth       | Uniontown          | 155       |
| WOMT       | WI Manitowoc      | Shawn Axelrod    | Valhalla Beach, MB | 635       |
| WIBU       | Poynette          | Morris Sorensen  | Amaranth, MB       | 644       |
| WOBT       | Rhineland         | Jerry Starr      | Youngstown         | 542       |
| WJMC       | Rice Lake         | Charles Reh      | Leamington         | 512       |
| KIBC       | WY Cheyenne       | MB DXPedition &  | Arnes              | 761       |
| KEVA       | Evanston          | Bob McCoy        | Lincoln            | 471       |
| KASL       | Newcastle         | Mike Hardester   | Modesto, CA        | 959       |
| KRAL       | Rawlins           | Ernie Wesolowski | Omaha              | 589       |
| KVRS (EBS) | Rock Springs      | Roy Millar       | Bellevue, WA       | 759       |
| KTHE       | Thermopolis       | Nancy Hardy      | Aberdeen, WA       | 787       |
| WALO       | PR Humacao        | Cesar Objio      | Santo Domingo, DR  | 268       |
| CKBX       | BC 100 Mile House | Phil Bytheway    | Seattle            | 285       |
| CFVR       | Abbotsford        | Phil Bytheway    | Seattle            | 108       |
| CFEK       | Fernie            | Phil Bytheway    | Seattle            | 369       |

|        |                        |                  |                         |       |
|--------|------------------------|------------------|-------------------------|-------|
| CKGO   | Hope                   | Tim Hall         | Banff, AB               | 288   |
| CKMK   | Mackenzie              | Frank Merrill    | Nenana                  | 1089  |
| CKOO   | Osoyos                 | Tim Hall         | Banff                   | 222   |
| CBXK   | Pemberton              | Shawn Axelrod    | Victoria, BC            | 134   |
| CJAV   | Port Alberni           | Nancy Hardy      | Aberdeen                | 163   |
| CFNI   | Port Hardy             | Frank Merrill    | Nenana                  | 1237  |
| CKWL   | Williams Lake          | Roy Millar       | Marysville              | 324   |
| CJAR   | MB The Pas             | Esa Hänninen     | Lemmenjoki              | 3545  |
|        |                        | Shawn Axelrod    | Valhalla Beach          | *276  |
| CKIM   | NF Baie Verte          | Esa Hänninen     | Siilinjärvi, Finland    | 3071  |
| CJCD   | NWT Yellowknife        | UK DXPedition £  | Sheigra                 | 3277  |
|        |                        | Morris Sorensen  | Leaf Rapids             | *653  |
|        |                        | Shawn Axelrod    | Winnipeg                | 259   |
| CFAK   | ON Atikokan            | Jeff Falconer    | Clinton                 | 217   |
| CJNH   | Bancroft               | Morris Sorensen  | Emsdale, ON             | 71    |
| CBEZ   | Britt                  | Morris Sorensen  | Port Carling, ON        | 145   |
| CJCS   | Stratford              | Morris Sorensen  | God's Lake Narrows, MB  | 935   |
| CJWA   | Wawa                   | Morris Sorensen  | Lemmenjoki              | 3284  |
| CJRW   | P I Summerside         | Esa Hänninen     | Lemmenjoki              | 3363  |
| CJAF   | PQ Cabano              | Esa Hänninen     | Valhalla Beach          | *1268 |
|        |                        | Shawn Axelrod    | Chicoutimi              | 141   |
| CIRB   | Lac-Etchemin           | Christian DeHaes | Lemmenjoki              | 3479  |
| CKLS   | La Sarre               | Esa Hänninen     | Arnes                   | *800  |
|        |                        | MB DXPedition &  | Uniontown               | 584   |
| CKLM   | La Tuque               | Joe Kureth       | Teaneck, NJ             | 450   |
| CFLS   | Levis                  | Paul Mount       | Parsippany              | 339   |
| CKBS   | Ste-Hyacinthe          | Russ Edmunds     | Lemmenjoki              | 3637  |
| CJNS   | SK Meadow Lake         | Esa Hänninen     | Winnipeg                | *570  |
|        |                        | Shawn Axelrod    | Leamington              | 1208  |
| ZNS2   | BAH Nassau             | Charles Reh      | Runaway Bay             | 403   |
| HICV   | DR Barahona            | Don Trelford     | Runaway Bay             | 324   |
| 4VSJ   | HTI Port-au-Prince     | Morris Sorensen  | Cabo San Lucas, BCS     | 308   |
| XES1   | NAY Santiago Ixcuintla | Pete Taylor      | Poway, CA               | 503   |
| XEBQ   | SON Guaymas            | Tim Hall         | Toronto, ON             | 2106  |
| TGK    | GTM Guatemala City     | Niel Wolfish     | Sheigra                 | 4731  |
| ZYH654 | BRZ Candinde           | UK DXPedition £  | Rio de Janeiro, Brazil  | 422   |
| ZYH90  | Joinville              | Pete Taylor      | Cape Town, South Africa | 3817  |
| ZY1774 | Recife                 | Pete Taylor      | San Francisco, CA       | 5553  |
| ----   | CNH Shenyang           | Pete Taylor      | San Francisco           | 5444  |
| JOTK   | JPN Matsue             | Pete Taylor      |                         |       |

£ = UK DXPedition [Steve Whitt, Mark Hattam, Clive Rooms]

££ = UK DXPedition [Mark Hattam, Clive Rooms, Dave Kenny and Martin Hall]

& = MB DXPedition [Shawn Axelrod, Wayne McRae]

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# Racal RA6790GM Noise Blanker Notes

by Dallas Lankford

When 100 microvolts is injected at the RA6790 antenna input, 80 millivolts peak-to-peak is produced at the output of the CFL455G3 filter, i.e., at pin 1, the RF input of the Allegro ULN3846A. The 80 millivolts peak-to-peak is 28,300 microvolts RMS, which is a voltage gain of 283, or 49 dB. Consequently, a 1 microvolt pulse at the antenna input terminal of the RA6790 would be 283 microvolts at the RF input of the Allegro chip, not taking into account the pulse amplitude decrease due to the pulse passing through the CFL455G3 filter. Based on these observations, the RF pulse trigger threshold of the ULN3846A is not more than about 100 microvolts.

To estimate the RF pulse trigger threshold of the ULN3846A, the 0.1 mF coupling capacitor was replaced by a 6-50 pF ceramic trimmer capacitor. There was no indication of inadequate signal levels to the ULN3846A throughout the 6-50 pF capacitor range. But surprisingly, blanking performance improved in place of the 6-50 pF trimmer. In this case, evidence of inadequate signal levels to the ULN3846A was found in the 2-4 pF range. At about 4 pF, weak noise pulses began to reappear (with the blanker turned on), and the weak noise pulses had completely reappeared (as if noise blanker was turned off) at minimum 2 pF capacitance. Thus, about 6-8 pF would be optimal.

Assuming 1 microvolt pulses at the antenna input of the RA6790, and pulses

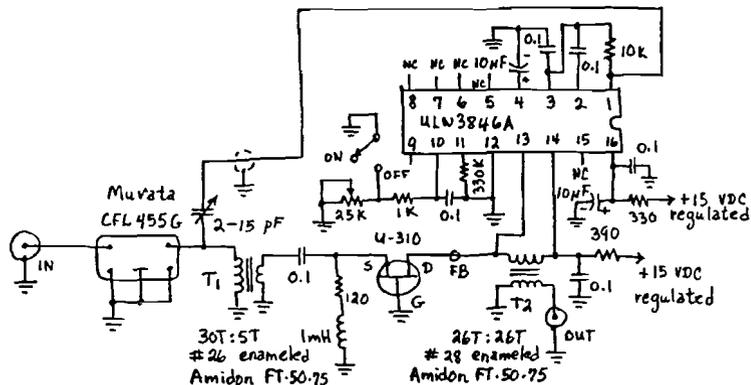
decreased by 1/2 at the output of the CFL455G3 filter, and taking 4 pF as the threshold point, with these assumptions there is about 50 dB voltage gain to the output of the filter, and about 20 dB loss through the 4 pF capacitor, for a net voltage gain of about 35 dB to the RF input of the ULN3846A. This corresponds to a voltage gain of 56, which suggests a threshold of  $1/2 \times 56 = 28$  microvolts for the ULN3846A.

It is not known why the low pF ceramic trimmer capacitor improved blanking action of the ULN3846A. Perhaps it is due to a small amount of additional delay introduced by the small pF trimmer capacitor, or perhaps it is due to pulse wave form changes caused by the small pF capacitor, or perhaps it is due to the decreased signal levels at the RF input of the ULN3846A.

Due to possible variations in ULN3846A (or ULN3845A) chips, a 2-15 pF ceramic trimmer is recommended, and the exact setting should be determined with the noise blanker turned on and pulse noise being blanked.

An updated schematic of my current RA6790GM noise blanker is given at the end of this article.

I would like to express my appreciation to Denzil Wraight for motivating this work by asking about the RF blanking threshold of the ULN3846A.



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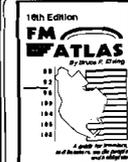
Gregory Coniglio (via e-mail) reports these two items:

WHIN 930's Bills' (NFL) announcers are Van Miller and John Murphy

WWKB 1520's Sabres (NHL) announcers are Pete Weber and Danny Gare (after longtime announcer Rick Jeanneret moved to TV).

Here is CFL Flagship information from "Canadian Football League, Facts Figures and Records 1995" and his own monitoring via Mike Sorensen. Note that the announcers listed are last year's announcers; I have no idea if any of these announcing teams has changed. Mike sent me full information back in August, but I do not remember receiving it; thus, he re-sent it. Remember that the "Canadian" Football League is not entirely Canadian (with five teams in the United States). The Birmingham information came from a Birmingham newspaper in the Chicago Public Library; the announcers listed are those for the current season.

|                                    |  |
|------------------------------------|--|
| Baltimore Stallions . . . . .      | 1300 WJFK-MD   |
| Birmingham Barracudas . . . . .    | 101.5 WHMA-AL Matt Coulter, Thom Gossom                |
| Columbia Lions . . . . .           | 980 CKNW-BC J.Paul McConnell, Tom Larscheid, et alia   |
| Calgary Stampeders . . . . .       | 770 CHQR-AB Mike Lownsbough, Don Siler, Marshall Toner |
| Edmonton Eskimos . . . . .         | 630 CHED-AB Brian Hall                                 |
| Hamilton Tiger-Cats . . . . .      | 900 CHML-ON Bob Bratina, John Bonk                     |
| Memphis Mad Dogs . . . . .         | 790 WMC -TN  |
| Ottawa Rough Riders . . . . .      | 580 CFRA-ON San Antonio Texans 930 KLUP-TX             |
| Saskatchewan Roughriders . . . . . | 980 CKRM-SK Geoff Currier                              |
| Shreveport Pirates . . . . .       | 92.1 KLKL-LA John James Marshall, Ben Marshall         |
| Toronto Argonauts . . . . .        | 640 CHOG-ON  |
| Winnipeg Blue Bombers . . . . .    | 680 CJOB-MB Bob Irving, Joe Poplawski                  |



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