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ELECTION UPDATE

Do you have that vague sense of unease that comes when you've forgotten to do something? Are there even twinges of guilt that you can't quite place? If you have not already voted for your choice of the 2007-2008 Ted Vasilopolous Award (TVA) and Ric Heald Award (RHA), then the solution to these problems may be at hand:

The ballot and details were contained in the 15 March 2008 DX Monitor. Please take a moment to show your appreciation by voting for one of the candidates who have worked hard for IRCA. The ballot must be RECEIVED by the Election Committee Chairman no later than 0001 hours Eastern Standard Time, July 1, 2008. (contact the ECC, Nick Hall-Patch, 1538 Amphion St., Victoria, BC, Canada V8R 4Z6 (or e-mail: nhp@iee.org) if you do not have a ballot.)

(Those subscribing to both the hard copy and electronic versions of the **DX Monitor** may vote by using the hard copy ballot OR by e-mail, whichever is the most convenient to you. **PLEASE DO NOT DO BOTH.** Thank you.)

15th Annual Madison-Milwaukee Get-Together

This is the first announcement of the 15th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts. Please make a note of the date and location, mark your calendar, and ask for the day off!

Date: Saturday, August 16, 2008, **Time:** 1 p.m. until whenever, **Location:** the home of Tim and Jill Noonan and their sons, 801 E Park Blvd in Oak Creek, which is in southeastern Milwaukee County, Wisconsin.

Background: This is an all-band event, and anyone and everyone interested in the radio hobby is welcome. The first ten of these annual events took place in Madison, hosted either by Bill Dvorak or myself. Though I moved with my wife and sons to Oak Creek in July 2003, my commitment to the event remains, and thus the August get-togethers now alternate between venues in the Milwaukee and Madison areas.

Further information: Please feel free to be in touch with me at DXing@aol.com or 414 762-2702 with any questions. We'll be glad to provide you with a detailed invitation. Tell your radio friends about it, and make your plans early to join us for another fun and memorable day of visiting with your fellow radio hobbyists.
73, Tim Noonan

2008 Flagstaff Convention

Make your plans now for the 2008 IRCA Convention in Flagstaff September 12-14. This year the convention will be at the Days Inn, 1000 West Route 66, Flagstaff, Arizona. The phone number is 928-774-5221 and when you call tell them you are with the IRCA as I have a block of 20 rooms. The room rates are \$65.00 plus tax for Single, Double Triple or Quad. The registration fee will be \$25.00 and you can pay at the door or send a check to the address below.

The convention will start on Friday in the Cedar Room at the Days Inn around 9:00AM. On Friday we will have station tours and on Friday night we will have a tour of Lowell Observatory. At the observatory we will get a chance to look through the 24" Alvan Clark refractor telescope weather-dependent. The weather should be good at this time of the year as the summer t-storms should be over by then. This observatory is where the planet Pluto was discovered. On Saturday we will have the business meeting, auction, and banquet. The banquet will be held about 10 minutes from the Days Inn at Black Barts Steakhouse. We will have a choice of Steak, Chicken or Salmon at Black Barts. For those that can stay one more day I will have a Sunday tour of Meteor Crater about 35 miles from Flagstaff the best preserved and first proven meteorite impact site on planet earth. After the tour

at Meteor Crater we will go back to Flagstaff and no North to Sunset Crater Volcano and Wupatki National Monument. Wupatki is very interesting as they have pueblos that are around 800 years old. Transportation to Flagstaff can be by Air (US Airways) daily flights from Phoenix, Amtrak, Greyhound bus and by car. Northern Arizona has many other things to do and some of them are Grand Canyon, Canyon de Chelly National Monument, Glen Canyon National Recreation Area. So come to Arizona for the Flagstaff convention.

Bill Block, 7716 E. Thelma Drive, Prescott Valley, AZ 86314 billwblock@msn.com

NRC Convention 2008 News

Friday, August 29 - 31, 2008. 75th Anniversary - National Radio Club, founded in 1933. What better way to celebrate the Diamond Anniversary than to get back together in the familiar surroundings of the birthplace of modern broadcasting. And can you believe it? The city of Pittsburgh is celebrating its 250th anniversary this year, too!

The host will be John Malicky; one of NRC's most experienced convention leaders. Just look at what he's arranging. The Pirates baseball team will play on Sunday afternoon against Milwaukee - very appropriate for the 75th diamond anniversary - weather permitting. Plan to arrive early enough on Friday to take part in studio tour that afternoon, with a pizza dinner being served in the meeting room that night. The grand opening will be held at 7 pm on Friday with a presentation about the history of Pittsburgh rounding out the evening.

Saturday morning will feature a tour of the Heinz History Center at 9 am, and you are invited to buy lunch at the Sports Rock Café if you wish. There will be transmitter tours in the afternoon for those who wish to get out and see what broadcasting in Pittsburgh is all about, and then, at 5 pm, the annual group photograph at the hotel. And, of course, there will be lots of time to sit and chat about DXing with other club members in the Hospitality Room.

The banquet this year will be in the Greenery Restaurant right there at the hotel. A business meeting will follow, and then the world-famous auction will round out the evening. Sunday will open with the annual NRC DX Examination, and then, at 11 am, we'll depart for a boat ride to PNC Park, home field of the Pittsburgh Pirates, via the Gateway Clipper Fleet. The game that afternoon is against the Milwaukee Brewers at 1:35; tickets are \$14 each, and please reserve yours by letting John know that you plan to attend. Seats will be behind home plate on the 3rd level.

Back at the hotel, the Hospitality Room will re-open around 5 o'clock - WNRC should be on the air by then and we'll sit and chat until everyone is talked out. The convention will end on Sunday evening. Now, here's what to do:

1. Reserve your room at the Greentree Holiday Inn, 401 Holiday Drive, Pittsburgh PA 15220: Call: 1-412-922-8100. Be sure to tell them you want the "NRC Rate" @ \$75 per room (up to 3 occupants) and be sure to tell them by **August 15**.
2. Convention Registration is \$45 and that includes the pizza party, the banquet, soft drinks and munchies during the three days in the Hospitality Room and, weather permitting, a trip to the history center.
3. Send all auction and "free" distribution items to John (PLEASE mark free items prominently so that they don't end up in the auction!): 995 Shadycrest Rd - Pittsburgh PA 15216-3046.
4. Send your registration check, payable to "National Radio Club" to: **John Malicky**, 995 Shadycrest Rd., Pittsburgh, PA 15216-3046. You can also register on line using PayPal at: www.nrcdxas.org.
5. The train station in Pittsburgh is only 4 miles away from the hotel; the taxi fee is \$25.

CANADIAN RADIO NEWS
Dan Sys--dsysca@yahoo.ca

For May 2008 (June 1 2008 - next update July 1 2008)

880	AB	Edmonton	CHQT	From Oldies to All News (i News 880)
660	BC	Vancouver	CKBD	Will become CKPK (when flip to 100.5 occurs)
600	BC	Vancouver	CKBD	Will become "THE PEAK" (when flip to 100.5 occurs)
920	NS	Halifax	CUCH	Went silent when flip to 101.3 occurred. Did not utilize 3 month simulcast authorization
1420	ON	Peterborough	CKPT	Simulcast time for FM conversion expired
1420	ON	Sioux Lookout	CKDR-2	Simulcast time for FM conversion expired
600	BC	Vancouver	CKBD	AM TO FM CONVERSIONS GRANTED
690	MB	Pukatawagan	CBDS	Move to 100.5 with 2,600 watts (11,000 watts E.R.P.) (will flip format from Standards to Triple A)
				Move to 102.5 with 200 watts (CBC Radio One) (will simulcast CBWK 100.9 Thompson)

FORMAT CHANGES

From Oldies to All News (i News 880)

CALL LETTER DATA

Will become CKPK (when flip to 100.5 occurs)

BRANDINGS

Will become "THE PEAK" (when flip to 100.5 occurs)

OFF THE AIR

Went silent when flip to 101.3 occurred. Did not utilize 3 month simulcast authorization

Simulcast time for FM conversion expired

Simulcast time for FM conversion expired

AM TO FM CONVERSIONS GRANTED

Move to 100.5 with 2,600 watts (11,000 watts E.R.P.) (will flip format from Standards to Triple A)

Move to 102.5 with 200 watts (CBC Radio One) (will simulcast CBWK 100.9 Thompson)

980 ON Peterborough CKRU FM flip granted but applied frequency of 96.7 is not suitable. Must find an alternative frequency (slated to remain Oldies)

690 BC Vancouver CBU DENIALS Plans to shut station down after new-cp at 88.1 signs on were rejected. Must keep 690 on the air due to coverage issues in fringe areas

1270 QC Alma CFGT **PROPOSED AM TO FM CONVERSIONS** Move to 97.7 with 50,000 watts

CALLS FOR APPLICATIONS

The CRTC has received an application for a new commercial station in BRACEBRIDGE, ON. Other interested parties wishing to obtain a radio license in this city are invited to submit applications.

BROADCASTING INFORMATION

Robert Wien – 501 N Roadrunner Pkwy, Apt. 2103 – Las Cruces, NM 88011-2025
Email: wienbob@aol.com phone: 575-532-5005 Ham calls: KG6RJW

CALL LETTER CHANGES

FREQ	OLD CALL CITY	NEW CALL
820	new	WBKK Wilton, MN
850	WNTJ	Johnston, PA
880	WQOV	Moneta, VA
920	WMEL	Meibourne, FL
950	KSWD	Seward, AK
970	WZQK	Brandon, MS
1050	WRFS	Alexander City, AL
1120	new	Smithville, GA
1120	new	Little Falls, NY
1260	WTBZ	Grafton, WV
1300	WTIR	Cocoa Beach, FL
1350	KGHF	Pueblo, CO
1430	new	Wasilla, AK
1450	new	Milford, PA
1490	WPRR	Johnstown, PA
1600	WOKB	Winter Garden, FL
1680	WLA	Winter Garden, FL

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
700	WEEL	Dothan, AL	silent	black gospel
760	WCIS	Morganton, NC	silent	southern gospel
830	KLAA	Orange, CA	talk	sports
880	WSLK	Moneta, VA	southern gospel	oldies
900	KPYN	Atlanta, TX	contemporary Xian	talk
960	KOVO	Provo, UT	sports	regional Mexican
980	WITX	Winston-Salem, NC	black gospel	sports
990	WRFM	Muncie, IN	silent	religious teaching
1050	WRFS	Alexander City, AL	religious teaching	silent
1060	WKYO	Caro, MI	classic country	oldies
1060	WGSB	Mebane, NC	regional Mexican	format not available
1090	WCZZ	Greenwood, SC	black gospel	sports
1100	WZFN	Dilworth, MN	country	silent
1140	KLTK	South West City, MO	silent	regional Mexican
1150	KCCT	Corpus Christi, TX	regional Mexican	talk
1180	WZQZ	Trion, GA	talk	classic country
1200	new	Bon Air, VA	new	format not available
1230	WFAY	Fayetteville, NC	regional Mexican	sports
1230	WOLH	Florence, SC	regional Mexican	silent
1240	KWAK	Stuttgart, AR	sports	silent
1250	WHNY	McComb, MS	talk	silent
1260	WHYM	Lake City, SC	regional Mexican	silent
1260	WVUS	Grafton, WV	CHR	adult contemporary
1270	WKBF	Rock Island, IL	regional Mexican	Spanish religion
1290	KALM	Thayer, MO	news/talk	southern gospel
1350	WNNG	Warner Robins, GA	adult standards	talk
1360	KBYO	Tallulah, LA	black gospel	silent
1380	WPYR	Baton Rouge, LA	talk	silent
1380	WTOB	Winston-Salem, NC	regional Mexican	tropical
1400	WBTH	Williamson, WV	oldies	talk
1440	WGLD	Red Lion, PA	silent	sports
1450	KLYW	Lockwood, MT	silent	news/talk
1450	WQNT	Charleston, SC	news	sports

1480 WRLM Irondale, AL

1480 WVSG Neon, KY

1490 WXYL Sylvania, GA

1490 KXLO Indianola, IA

1490 WPRR Johnston, PA

1500 WGEN Geneseo, IL

1510 WRRD Waukesha, WI

1520 WDMN Rossford, OH

1550 KDCC Dodge City, KS

1550 WMSK Morgantfield, KY

1600 WLA Winter Garden, FL

1670 KNRO Redding, CA

1680 WOKB Winter Garden, FL

FACILITY AND PARAMETER APPLICATIONS

540 WGOP Pocomoke City, MD

540 WXNH Jaffrey, NH

550 WASG Altmore, AL

630 WJGY Hudson, WI

648 WVUV Leone, AS

670 KBTB Las Vegas, NV

680 KIRN Simi Valley, CA

680 WRGC Sylva, NC

700 WDMV Walkersville, MD

720 WVOA Dewitt, NY

770 new Nassau Village-Ratliff, FL

800 KINY Juneau, AK

830 KOTC Kennett, MO

830 WFGM Sandy Springs, GA

860 KMVP Phoenix, AZ

860 WAMI Opp, AL

920 WURA Quantico, VA

970 KHVN Ft. Worth, TX

990 WRFM Muncie, IN

1010 WOLB Baltimore, MD

1020 KCKN Roswell, NM

1050 KTCT San Mateo, CA

1050 WDVAM Eau Claire, WI

1050 WFED Silver Spring, MD

1060 WILB Canton, OH

1080 WHOO Kissimmee, FL

1150 KIMM Rapid City, SD

1160 WCXI Fenon, MI

1180 KYES Baxter, MN

1190 WSDI Cobleskill, NY

1210 KEBR Rocklin, CA

1210 KGYN Guyton, OK

1210 WDGR Dahlonega, GA

1230 KYPA Los Angeles, CA

1250 KCST Florence, OR

1270 WTTJ Newport News, VA

1290 WCHK Canton, GA

1320 KSDT Hemet, CA

1330 KXLJ Juneau, AK

1350 KTIK Nampa, ID

1360 WWWJ Galax, VA

1370 KHNY Big Horn, WY

1380 WGTV Greenville, AL

1390 WBLL Bellefontaine, OH

1430 WEEF Highland Park, IL

1440 WNYG Highland, NY

1460 WPON Walled Lake, MI

1480 KLVL Pasadena, TX

1480 WSPY Geneva, IL

1500 KIEV Culver City, CA

1510 KGA Spokane, WA

1510 KSPA Ontario, CA

1520 new Savannah, GA

1540 KGBC Galveston, TX

1540 WGRK Greensburg, KY

1560 KLTJ Macon, MO

1570 WBGX Harvey, IL

1570 WZQZ Clarksville, TN

1590 WGBW Two Rivers, WI

1600 WAAM Ann Arbor, MI

1600 WMCW Harvard, IL

broadcast on KBAD, and University of Nevada, Las Vegas sports will be broadcast only on KVVN. Deportes Radio, while carrying a full range of football, baseball and boxing coverage, has a special focus on soccer. Its on-air personalities include Jorge Ramos, Armando Talavera, Hernan Pereira, Jairo Moncada, Armando Aguayo and Rolando "El Veloz" Gonzales. "For English-speaking listeners, it's an upgrade for listeners to the ESPN programming and the Fox programming, because 1100 is a better signal than 920, and 920 is a better signal than 1460," Moss says. "And there was no Spanish sports (on local radio), so we're finally bringing that to Las Vegas, too." Contact reporter Steve Bornfeld at sbornfeld@reviewjournal.com or (702) 383-0256. (DP-H)

Pat Martin and Dale Park sends along the following via Tim Kridel from the St. Louis, MO Post-Dispatch dated 4/15/08:

Missouri-Synod Lutherans protest cancellation of radio show, By Tim Townsend, ST. LOUIS POST-DISPATCH, 04/15/2008
Kirkwood — About 75 protesters gathered Monday outside the world headquarters of the Lutheran Church-Missouri Synod, many holding signs that asked simply, "Why?" The question was directed at church leaders who during Holy Week last month, pulled the plug on a popular radio program on the denomination's KFJO-AM station called "Issues, Etc." The host, the Rev. Todd Wilken, and producer, Jeff Schwarz, were fired without warning, and all reference to the show was taken off KFJO's website. Fans were left confused and angry. The following day, a statement went up on the church's website explaining that "Issues, Etc." had been canceled for "programmatic and business" reasons but offered no specifics "Issues, Etc." was "a beacon of light" for Bill Eggers, 72, a retired engineer from west St. Louis County who stood outside the denomination's glass offices in Kirkwood. "It gave my own faith a real boost." The show, which aired locally from 3-6 p.m. weekdays, was syndicated to 11 Midwestern markets and available everywhere by podcast. Topics ranged from bioethics to the role of women in the church, to the theology of God's love. Since the cancellation, supporters have collected more than 7,000 signatures and raised more than \$30,000 in a fund to help the Wilken and Schwarz families. The former host and producer could not be reached for comment. On Sunday, 200 "Issues, Etc." supporters gathered at Emmaus Lutheran Church in St. Louis to pray and eat bratwurst. The chief complaint at Monday's protest was that the present synod leadership has become caught up in marketing, focus groups and statistics in an effort to grow. "They'd like to be more in the mainstream of American evangelicalism as opposed to distinctly Lutheran," said the Rev. Randy Asbury, pastor of Hope Lutheran Church in St. Louis. "Issues, Etc." battled against that trend in the church, and many of the protesters said they thought that was the real reason the program was canceled. But David Strand, the executive director of the church's communications board, said the cancellation was based on economics, not politics. He said KFJO-AM (the church also runs KFJO-FM, a classical music station) has lost \$3.5 million since 2001, including more than \$600,000 last year. "We have tried every cost-cutting measure we can think of for a long time," Strand said. "And we've tried every fundraising measure we can think of.... Issues' was the largest and most obvious cut at our disposal." Strand would not say whether the church was considering a sale of its stations. He pointed out that the 7,000 signatures make up one-third of 1 percent of the church body. In the vacated time slot, the church has launched a new program called "The Afternoon Show," with topics Strand said should have a broader appeal. ttownsend@post-dispatch.com | 314-340-8221. (PM-OR/DP-H)

Mike Sanburn sends along the following from John Samspon (locale unknown) re KASR-1260 AZ. dated 4/16/08:

Casa Grande hasn't been on the air since we moved to the metro Phoenix area in 1996 (don't know when they intend will). Only station that will be impacted is KASR, ASU's low powered station on 1260 in Tempe; they indeed will have a problem. (MS-CA)

Pat Martin sends along the following from Jerry Kiefer (locale unknown) re CFCO-630 ON. Format change to country dated 4/20/08:

The big 63 covers some serious territory and they sounded good. Too bad they didn't split and go country with the FM; it's a waste to simulcast. <http://www.country929.com/>. (PM-OR)

Pat Martin and **Mike Sanburn** send along the following from Paul B. Walker Jr. via Allaccess.com dated 4/25/08:

In other deals filed with the FCC, SALT AND LIGHT RADIO, INC. is buying silent KDJQ-A/MERIDIAN-BOISE, ID from KDJQ, LLC for \$700,000. The station went silent last SEPTEMBER and briefly returned for about a week in DECEMBER; it was previously Regional Mexican OYE 890 but a sale to CHURCHILL MEDIA failed to close and owner ROB COMBS placed an ad offering the station for sale on CRAIGSLIST. (PM-OR/MS-CA)

Ye editor sends along the following from the Temecula, CA Californian via Kevin Redding of Phoenix, AZ. dated 4/26/08:

1610 to open in Temecula, CA, TEMECULA: Emergency radio station OK'd, Temecula hopes to have AM signal ready prior to upcoming fire season, By NICOLE SACK - Staff Writer, Friday, April 25, 2008 11:15 AM PDT

TEMECULA ---- Tune in, Temecula. Tune in, Temecula.
Before fire season starts in late summer, city officials hope that anyone within the city limits will be able to dial in 1610 AM and receive up-to-the minute news and information regarding emergency situations that might be occurring in the area. The City Council voted 4-0 Tuesday to spend \$20,000 from the police and fire operation budget to form a local emergency station. The AM Emergency Advisory Radio System will give city staff the ability to prerecord messages and quickly create broadcasts for emergencies. Newly recorded messages can be inserted into the broadcast by telephone or the Internet. The station will also offer "live" broadcast capabilities. The transmitter is intended to be located on a hilltop next to the Temecula Public Library on Pauba Road. From that location in the center of the 27-square-mile city, a radio signal will be transmitted within a 3-mile to 5-mile radius spanning 28 to 38 square miles encompassing the city. Tim Thorson, Temecula's information systems director, said his staff spent weeks testing the quality and clarity of a handful of available radio signals before choosing 1610 AM as their top choice to carry emergency broadcasts. He said staff members were tuning in at all hours to make sure there weren't times when the

station was experiencing interference. The impetus for the emergency broadcasting system was last October's wildfires, which prompted numerous inquiries from residents requesting the city look into expanding cable television programming and radio coverage with specifically local content. Much of the frustration among residents was that they didn't have access to information on the fires looming near Riverside County, as television stations focused on Los Angeles and San Diego events. There was also very little radio news available, as stations were reluctant to break from their formats. "When the fires settled down, a lot of people were asking what we could do to provide better communications to the public during a natural disaster," he said. In response, an external communications subcommittee was formed, consisting of city council members Jeff Comerchero and Maryann Edwards. "We all felt that we could do a much better job of communication with our citizens," said Comerchero, who pushed for the group. Various members of the media as well as officials from government, including the Federal Communications Commission, met with the subcommittee to brainstorm ideas since December. "We had great representation" she said of the last meeting, which was in March that drew more than 30 people. She said she was astounded by the number of media outlets that came out to participate. "I was very pleased," she said. When the suggestion for an AM radio station that could carry emergency broadcasts was made, Edwards said, "everyone kind of looked at each other and said, 'That's so easy. Why didn't I think of that? Duh,'" she recalled. So well taken was the idea for local emergency radio that the city of Murrieta intends to follow suit with its own frequency, said Councilman Doug McAllister. He said the proposal would come before the council for consideration in the coming weeks. "It's such an effective and inexpensive way to get information to residents when they need it" he said. "We could potentially link up with Temecula during times of emergency, but we would also be able to use the system to broadcast public service announcements --- which would be geared just toward this city." While the primary intent of Temecula's AM frequency will be for emergency notification, the idea has surfaced for using the signal to potentially broadcast high school football games, tourist information and other programming. No final decision has been made on additional uses for the station. Contact staff writer Nicole Sack at (951) 676-4315, Ext. 2816, or nsack@californian.com. (RW-CA)

Pat Martin sends along the following from Brian Smith of CHWO-740 dated 4/27/08:
Hello all.

On May 1st, 2008, new owners take over CHWO/AM740. I am happy to confirm that they agreed to have the Ontario DX Association continue as the "QSL Manager" for the station. We also plan to start designing a new QSL for first time reports that arrive after July 1st, 2008. More on that later. For your information, the music format will not be changing. We will continue to QSL reports for CJYE 1250 and CJMR 1320. All reports should go through the Ontario DX Association <http://www.odxa.on.ca/chwo.html> or via am740@rogers.com. Thank you to all for your support these many years with many more to come.

AM 740 - www.am740.ca, Reception Reports (CHWO, CJYE, CJMR), <http://www.odxa.on.ca/chwo.html>, Yahoo Group - <http://groups.yahoo.com/group/AM740>, MZMedia inc. <http://www.mzmedia.com/>, CHWO Streaming: <http://www.am740.ca/main.htm>. (PM-OR)

Dale Park sends along the following from About.com dated 3/25/08:

The Analog AM/FM Radio Tuner Still Has Fans - Thousands, From Corey Deitz, Dateline: 03/25/08
Before MP3 players, HD Radios, iPods, Satellite Radio receivers, and cell phones that receive audio - there were only AM/FM tuners and receivers.

Tuners vs. Receivers

A tuner is an electronic component that receives AM and FM radio signals. A receiver is an electronic component which includes not only a tuner, but a pre-amp, and an amplifier. Back in the day, people who sought quality audio had to use hardware like this to get the only radio that was available at the time. Tuners and receivers used to be big. The bigger - the better. Then, they got small. Real small. Bookshelf size small. Then big again. Now there are all kinds for every taste. Historically, tuners and receivers have featured a myriad of switches, knobs, lights, LEDs, options, accessories, and styles. As a former tuner-aholic, I admit I have been tempted and attracted by "bells and whistles" - part of the allure for many audiophiles who insist their tuner experience be as full-bodied as the audio it is delivering. (I am currently in a 12-step program to wean me off tuners and I take it day-by-day.)

Just Tuners, Thank You

To tuner tuners and receivers together would probably be considered sacrilegious - at least by one collection of fans - the folks at the Yahoo! group known as FMtuners. You can visit this forum by going to tech.groups.yahoo.com/group/fmtuners/. I am told this is a very active analog FM tuner group which boasts over 4500 members. According to the group's description, it welcomes a "general discussion of high end FM tuners, both tube and solid state, as well as antennas. Feel free to post pictures, schematics, repair tips, modifications, and information on your favorite high end tuners, regardless of age." You can also access it from www.fmtunerinfo.com, the website which originated the group. FmTunerInfo.com offers a multitude of reviews and related information. I don't think any brand is overlooked from the very familiar Pioneer to the renowned Telefunken to names you may not have heard of like Sequerra and McKay Dymek. Get Ready to Geek Out!

I have to warn you though: these people are serious about analog AM/FM tuners. They eat manufacturer specs for breakfast and are very comfortable using such abbreviations as MHz, dB, and uV. If you're an audiophile and already appreciate the architecture and performance of traditional AM/FM analog tuners - or if you've tired of that pocket-sized FM receiver you've been using that looks like a bar of soap, visit the FMtuners group or fmtunerinfo.com and discover why so many fans are enthralled with the simplicity of analog. (DP-H)

Pat Martin sends along the following from Deane McIntyre of Calgary, AB dated 4/29/08:

The application of CHOU-1450 Montreal Quebec to increase its power from 1kW to 2kW-U has been approved by the CRC: <http://www.crtc.gc.ca/archives/ENG/Decisions/2008/db2008-87.htm>. The antenna will remain non-directional.

CHOU Montreal - Technical change

1. The Commission approves the application by 9015-2018 Québec inc. to change the authorized contours of the commercial ethnic AM radio programming undertaking CHOU Montreal approved in Ethnic AM

radio station in Montréal, Broadcasting Decision CRTC 2006-82, 15 March 2006, by increasing the daytime and nighttime transmitter power from 1,000 watts to 2,000 watts.

2. The licensee indicated that the changes will improve the reception of its signal in downtown Montréal as well as on the south shore where the signal is almost non-existent. (PM-OR)

Pat Martin sends along the following from Paul B. Walker, Jr. (locale unknown) dated 4/30/08:
SALEM'S INSPIRATION MEDIA, INC. is selling Regional Mexican KKMO-A (RADIO SOL 1360)/TACOMA-SEATTLE to TRON DO'S INTELLI, LLC for \$3,690,000. I'm guessing, based upon the name and some very brief internet searching, that 1360 will take up a Vietnamese format of some kind. (PM-OR)

Pat Martin sends along the following from Dennis Vroom of Salmon Creek, WA dated 5/2/08:

The Columbian newspaper reports that KXL 750 will move most of its sports programming to its FM station "The Game" 95.5. The Blazers, Ducks and Seahawks games will be moved to the FM station, which is owned by Paul Allen's Rose City Radio. May 12, is the date given for the switch from Urban music to 24 hour sports programming on 95.5 FM. This will be the first full time all-sports FM station on the West Coast. KFXK 1080 The Fan is the other all sports station in Portland market. (PM-OR)

Pat Martin sends along the following dated 5/2/08 (source unknown):

710 KCMO OFF-AIR TWICE IN TWO DAYS

It has been a bad two days at KCMO-710AM as the Cumulus Media station has been knocked off the air twice. On Thursday morning a power problem took the Chris Stigall morning talk show off the air for an hour and 20 minutes. Then early Friday morning storms that had been blasting the Kansas City area for several hours (Stigall lost his front porch at his home during the storm) knocked KCMO's radio signal out of commission from about 2:30 am to 10 am. Although Stigall's show was off the radio he went ahead and did on-line streaming of the show. "It was a not a conventional broadcast to be sure," said Stigall, adding, "We received calls from Norway, Canada, and many local folks also listened in, won contests and sounded off. I called it the most expensive online radio show in the country." (PM-OR)

Pat Martin sends along the following from Deane McIntyre of Calgary, AB dated 5/8/08:

The application of CKRU-980 Peterborough ON to move to FM was approved by the CRTC but they must find an alternative FM frequency as the proposed 96.7 MHz frequency was granted to a new FM station: <http://www.crtc.gc.ca/archive/ENG/Decisions/2008/db2008-98.htm>.

The Commission also approves in part the application by 591989 B.C. Ltd., a wholly owned subsidiary of Corus Entertainment Inc., for a broadcasting licence to operate a new English-language commercial FM radio programming undertaking in Peterborough to replace its AM station CKRU Peterborough. Specifically the Commission approves the conversion to the FM band but denies the proposed technical parameters. The licensee must submit for the Commission's approval, within 90 days of the date of this decision, an amendment to its application proposing the use of an FM frequency other than 96.7 MHz (channel 244C-1) and technical parameters that are acceptable both to the Commission and to the Department of Industry. (PM-OR)

Mike Sanburn sends along the following from Paul B. Walker, Jr. (locale unknown) dated 5/9/08:

There was a call swap between Rama Communications 2 Orlando area stations. On May 6th, 1600 WOKB became WLAA and 1680 WLAA became WOKB. "The All New Smooth Sounds Of Gospel... on 1680 AM." is a liner I just heard on 1680 AM, and the Legal ID at the top of the hour is "WOKB Winter Garden Orlando and WKIQ Eustis Leesburg". So 1240 and 1680 are simulcasting, as they were doing when WOKB was on 1600. Que Buena WLAA's website at www.quebuenaorlando.com doesn't indicate they've moved to 1600AM, so I'm assuming they're off the airwaves. Don't know why though, as the programming on WLAA was a lease deal with outside programmers, and reportedly the licensee was getting upwards of \$40,000 a month! WOKB's website at www.wokbradio.com indicated they have moved... and they do as well. (Portions edited for clarity-ye ed). (MS-CA)

Pat Martin sends along the following from Deane McIntyre of Calgary, AB dated 5/9/08:

The applications by the CBC for "nested" FM stations to rebroadcast CBE-1550 and CBEF-540 in Windsor ON have been approved by the CRTC. The AM stations will continue to operate as they do not, but CBE will also be on FM at 102.3 MHz (690 watts), and CBEF will also be heard at 105.5 MHz (506 watts). It was noted that as there are no suitable frequencies available for high power FM stations in Windsor, the AM stations will remain on the air to serve listeners outside the central Windsor market. <http://www.crtc.gc.ca/archive/ENG/Decisions/2008/db2008-102.htm>.

CBE and CBEF Windsor – New transmitters at Windsor
The Commission approves applications by the Canadian Broadcasting Corporation to amend the broadcasting licences for CBE and CBEF Windsor in order to operate nested FM rebroadcasting transmitters at Windsor.

The applications
1. The Commission received applications by the Canadian Broadcasting Corporation (CBC) to amend the broadcasting licences for the AM radio programming undertakings CBE and CBEF Windsor in order to operate nested FM rebroadcasting transmitters at Windsor.

2. The CBC indicated that the proposed FM transmitter for CBE would operate at 102.3 MHz (channel 272A) with an average effective radiated power (ERP) of 690 watts, and that the proposed FM transmitter for CBEF would operate at 105.5 MHz (channel 288A) with an average ERP of 620 watts.

3. The proposed transmitter of the English-language radio station CBE would rebroadcast the programming of the CBC's national, English-language network service Radio One. The proposed transmitter of the French-language radio station CBEF would rebroadcast the programming of the CBC's national, French-language network service La Première Chaîne.

15. The FM transmitter for CBE will operate at 102.3 MHz (channel 272A) with an average ERP of 690 watts. The Department has advised the Commission that, while the application for this transmitter is conditionally technically acceptable, it will only issue a broadcasting certificate when it has determined that the proposed technical parameters will not create any unacceptable interference with aeronautical NAV/COM services.

16. The FM transmitter for CBEF will operate at 105.5 MHz (channel 288A). The Department has advised the Commission that the application for this transmitter will only be technically acceptable once the CBC submits a revised technical brief indicating a decrease in the transmitter's maximum ERP from 2,940 watts to 2,400 watts and the resulting decrease in its average ERP from 620 watts to 506 watts. Further, the Department has advised the Commission that it will only issue a broadcasting certificate for that transmitter when it has determined that the revised technical parameters will not create any unacceptable interference with aeronautical NAV/COM services. (PM-OR)

Pat Martin sends along the following from Deane McIntyre of Calgary, AB dated 5/9/08:

CFGT-1270 Alma Quebec has reapplied to the CRTC to move to FM (97.7 MHz, 50 kW, 77.6 metres). The hearing to consider this previously (March 13, 2008) published application had been postponed. <http://www.crtc.gc.ca/archive/ENG/Hearings/2008/n2008-6.htm#17>.

17. Alma, Quebec, Application No. 2008-0098-9

Application by Groupe Radio Antenne 6 inc. to convert commercial radio station CFGT Alma from the AM band to the FM band. The new station would operate on frequency 97.7 MHz (channel 249B) with an average effective radiated power of 50,000 watts (non-directional antenna/antenna height of 77.6 metres). The applicant is requesting permission to simulcast the programming of the new FM station on CFGT-AM for a period of 3 months from the date of implementation of the new station. The applicant is also requesting, pursuant to sections 9(1)(e) and 24(1) of the Broadcasting Act, the revocation of the licence of CFGT effective at the end of the simulcast period. This application was first scheduled to be heard at a public hearing on 13 May 2008 (Notice of Public Hearing CRTC 2008-1, 14 March 2008) but was withdrawn to be rescheduled at a later date. (PM-OR)

Martin Folz sends along the following dated 5/9/08:

1400 KKKZ Santa Paula is now running KVTA programming, heard 4/22. I checked their website (www.goldcoastbroadcasting.com) and it confirms they are simulcasting KVTA. (MF-CA)

Pat Martin and **Mike Sanburn** send along the following from Paul B. Walker Jr. (locale unknown) dated 5/9/08:

RE KDJUN-1030 Florence, OR being sold:

What looks like a husband and wife from Spokane, Washington bought the entire facility for \$150,000! It's off the air now under a Special Temporary Authority, but I would think, under new owners, it'll come back on the air soon! The old owner, Bill Schweitzer dba WKS Broadcasting took it silent because he couldn't afford to pay the power bill anymore. (PM-OR/MS-CA)

Ye editor sends along the following from the Inland Valley Daily Bulletin, Ontario, CA dated 5/10/08:

This just in: Chaffey College students hit airwaves, Wendy Leung, Staff Writer, Article Created: 05/10/2008 08:18:36 PM PDT

RANCHO CUCAMONGA - Nobody at Chaffey College considers the school's tiny, unmarked radio studio a music museum, but maybe they should. Inside a room the size of a spacious walk-in closet, a recently acquired radio system - equipped with iPod docks and a 30-watt transmitter - dominates. Nearby are more old-school equipment - multiple turntables, a box of eight-tracks and a clunky reel-to-reel player. It's hard to believe that the community college, which journeyed from the reel-to-reel format to digital files, has never had a radio station until now. In the past, students who learned radio broadcasting had only an audience composed of their teachers and classmates. This year, under the tutelage of broadcasting professor Daniel Jacobo, students have been showing off their skills on-air on 10.10 AM and online at www.chaffey.edu/broadcast. The station airs several live and taped student shows on weekdays with a music feed that fills in the gaps. Jacobo, who wants the station to eventually become a community forum, thinks college radio has a significant role to play. The station's lineup clearly reflects the diversity of the college. From a sports talk show to a Chicano/Latino culture program, Jacobo said the students have worked really hard in developing their radio personalities. Jacqueline Clark, 25, is also known as "DJ Jacky" on her show focusing on campus news and entertainment gossip. Clark appears to be a natural on-air. Last week, she did her first on-air interview with some of the school's football players. "As soon as you put the headphones on, you're a different person," she explained. "It just flows." Clark has been waiting a long time for the radio program to get started. It took four years for Jacobo to raise the funds needed to start a radio station. For now, it's young students like Veronica Quiroz, 20, who are dominating the airwaves. Quiroz said her show is "kinda like KISS FM, a little rock, a little hip-hop." In preparation for finals week, she has been playing a lot of up-tempo dance music - by Justice and Simian, for example. "Usually in class, I pay attention and do my work so not a lot of people know who I am," Quiroz said. "Broadcasting brings out my personality." Challenging exercise Quiroz said the most nerve-racking part is dealing with all the equipment. Most of the time, the students play the roles of radio host and sound engineer simultaneously. "They're actually doing this," said Jacobo, rubbing his belly while patting his head. Marissa Norys' schedule doesn't allow her to do a live show so she tapes it in advance. Norys, 20, has a lighthearted show dedicated to relationships. "It's like 'Sex in the City' with a college atmosphere," she said. On a recent show, she explored the age-old question of whether two people can remain friends after a breakup. Norys doesn't consider herself a feminist but gender equality is a topic that comes up often on her show. "You hear Mark and Brian doing these funny shows but you don't really see women doing it," Norys pointed out. Afira Miller, 32, is part of a trio that hosts "Hot List," it's a hip-hop and R&B show mixed in with sports, politics and celebrity gossip. "Kind of like Big Boy and Steve Harvey," she said. Miller is a single mother taking six classes this semester and being on-air helps her escape. "I guess I get into character," she said. "My energy is way up when I walk through the door." Jacobo said the radio has opened up many quiet students like Miller. "Some of the more reserved students come here, and they're able to express who they are without having to be embarrassed," he said. Ted Nares' collection of 5,000 CDs makes it easy for him to host "The Lodge," an underground-music show. "It's an ode to the obscure," he said. Nares, 28, started developing his music library at age 16, when he started working at a convenience store. "My whole paycheck went to music," he said. Nares said after a couple of months of broadcasting he's getting the hang of being a DJ. Recently, Nares listened to a recording of his first show and was so embarrassed by his inexperience, he broke the CD in half. He's more confident now and has recently

developed a four-song segment using cover songs to show the relationships between musicians. For instance, he once played Nick Cave, then Johnny Cash doing a cover of Cave, which was followed by Pulp and then Cave covering Pulp. Nares said his goal is to introduce people to new music. "There's just a lot out there that I'm not hearing," he said. (RW-CA-ye editor)

Tim Noonan sends along his monthly list of FCC call letter changes. Thanks, Tim! (TN-WI)

Contributors:

- Tim Noonan**, Mission Viejo, CA (MF-CA)
 - Tim Noonan**, Oak Creek, WI (TN-WI)
 - Dale Park**, Honolulu, HI (DP-HI)
 - Mike Sanburn**, Bellflower, CA (MS-CA)
 - Robert Wien**, Las Cruces, NM (RW-CA-ye editor)
- DATE OF COLUMN: 5/17/08. Wow, it's already the middle of May. Love the area out here in southern New Mexico, land of chilies, roadrunners, and great Mexican food, and awesome DX (every channel here is DXable just about). Only 4 months till the IRCA convention in September, be sure to make your plans! 7/3 s.

WESTERN DX ROUNDUP
Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755
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WDXR DEADLINES: June 27, July 11, July 25. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (AB) **Art Blair**-730 SW 3rd St.-Fruitland, ID 83619
NRD-515, Kiwa loop
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR skinner@columbia-center.org
Drake R8B; R-388, R-390A, Hammarlund SP-600, various wires, amplified Sanserino loop, Terk loop
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
Drake R8, 1500' Eastern Beverage
- (5P) **Dale Park**-P.O. Box 10640-Honolulu, HI 96816 dxfool@aol.com
(5P-CA) DX'ing in Fairfield, CA with Honda CR-V car radio
- (5P-CA1) DX'ing in Vacaville, CA with Honda CR-V car radio
- (MS) **Mike Sanburn**-P.O. Box 1256-Bellflower, CA 90707 mikesanburn@hotmail.com
Sony M40W

OF SPECIAL INTEREST

- 1240 KRJY CA, Sacramento 5/27 1645 Urban AC Gospel song, mention of "Rejoice Rewind, Musical Soul Food," into funk Gospel; white-accented man with "The all new Rejoice 12-40 KRJY news and traffic," slogan and ID "Rejoice 12-40, Musical Soul Food, KRJY Sacramento," listener testimonial; into male DJ with "Afternoon Praise" show starting off with rap Gospel. Last heard as liberal talk KSAC. Good. (5P-CA)
- 630 KFXD ID, Boise 5/9 0737 ID "63 KFXD," promo for www.kfxd.com, news items mentioning Idaho. (MS-CA)
- 700 KALL UT, N. Salt Lake City 5/9 0750 "Call 700 Sports" slogans along with several spots. (MS-CA)
- 740 CHWO ON, Toronto 5/4 good on top of jumble with "There, I've Said it Again" by Bobby Vinton at 0045, followed by promo for AM740.com. (PM-OR)
- 750 KHWG NY, Fallon 5/9 0820 very quick K-Hog ID amidst several country tunes. Mostly dominant. (MS-CA)
- 780 WBBM IL, Chicago 5/4 good on top of KKOH with news and "WBBM news time is 11.51" at 0051. Common, but not normally topping KKOH. (PM-OR)
- 840 KMPH CA, Modesto 5/27 1621 PSA for festival in Riverbank, back to "Dr. Laura" advertising her four-day West coast cruise //KSFO-560. Fair to good. (5P-CA)
- 930 KXXX CA, Paradise/Chico 5/27 1624 "Dave Ramsey Show," ad for his directory of recommended real estate agents, woman with liner "KXXX AM 9-30, Real Talk for the North Valley," Wachovia ad. Fair. ORM KNEW-910 HD splatter. (5P-CA)
- 1070 KVKK MN, Vermdale 5/4 nabbed this at 04:59:50 with non-stop C&W music and ID "North Central Minnesota's most powerful AM, AM 10-70 KVKK Vermdale and all of Minnesota," into AP net news. Heard again 0559:50 but not as strong. Two new catches on 1070. This made my day. (PM-OR)
- KHMO MO, Hannibal 5/4 above the jumble with spot for health insurance, then at 0159:50 "Serving th ... for over 60 years. This is Newstalk 10-70 KHMO Hannibal," into CBS news. New. It looks like their 1kw night signal runs NNW. (PM-OR)
- KNTH TX, Houston 5/9 0359:45 good on top of jumble with promo for Michael Medved show on "Salem's 1070, KNTH Houston." (PM-OR)

- 1070 CHOK ON, Samia 5/4 fair briefly above the jumble with time check and what sounded like a weather & mention of Samia. I haven't heard this one in several years since they were oldies. KNX in a jumble at 0109. (PM-OR)
- 1210 KUNF UT, Washington 5/3 2327 Auto Zone ad, talk, KUNF ID at 2329. Poor. (AB-ID)
- 1230 KZZR OR, Burns 5/6 0005 news, ID and some country music. Weak in the mix, only one intelligible on Drake with Terk loop. (GH-OR)
- KOZI WA, Chelan 4/27 0005 weak ID and mention of daily programming. A regular but not heard for a while, on Drake with Terk loop. (GH-OR)
- 1240 KTIK OR, Pendleton 4/17 0003 fair signal with sports talk in the sputter. Really weak on R-390A and N-S wire. (GH-OR)
- 1250 KZDC TX, San Antonio 5/17 0458-0501 and 0558-0601 with ESPN Sports, ID "Your new sports home, KZDC San Antonio, ESPN 12-50" into ESPN Sports Center, both times. Very Strong. (PM-OR)
- 1260 KSFB CA, San Francisco 5/27 1820 "Catholic Answers Live" talk show with host Carl /IKWG-1230-1230 (did not check if KSMH-1620 was also (/). Last heard as AC KOIT. Good. (5P-CA1)
- 1280 KIT WA, Yakima 5/8 0000 news, very weak. Only one intelligible in the mix on Drake with Terk loop. (GH-OR)
- + 5/10 1000 KIT ID as KRVM faded down. Poor. (AB-ID)
- 1290 KPAY CA, Chico 5/27 1832 man phoning in stock report, man with weather, Wells Fargo ad, ad for GOP candidate for State Assembly, back to Lars Larson. Poor; heavy QRM KWSX-1280 HD splatter, before HD this had a fair signal. (5P-CA1)
- KUMA OR, Pendleton 5/4 0130 talk program of some sort into news. Very scratchy and weak on R-388 with N-S wire. (GH-OR)
- 1300 ?WQGT278 CA, Stockton(?) tentative 5/27 1843 NOAA weather mentioning Delta region, North San Joaquin Valley area, Jackson. Poor, over/under unID (KYNO?). (5P-CA1)
- 1340 KIHR OR, Hood River 4/26 2300 faint ID in the blend, possibly with news. Very weak at best on Drake with Terk loop. (GH-OR)
- 1630 KC-JJ IA, Iowa City 5/8 0455 fair with the best of the 80's, 90's and today, rock music, lots of KCJJ ID's. No sign of WY. (PM-OR)
- KKGM TX, Ft. Worth 5/8 fair under/over KCJJ with non-stop Gospel music, "...tune in on 1630, Southern Gospel KKGM," then at 0505 "This is AM 1630 KKGM Ft. Worth-Dallas, a Mortenson Broadcasting station" into USA net news. GRM from KCJJ. (PM-OR)

UNIDS

- 1070 UNID 5/4 0105 Gospel station in and out of jumble. (PM-OR)
- 1380 UNID 4/12 2350 ID sounded like "The Bull," rising above KRKO for only a moment. Very weak with C&W music. Ideas? (GH-OR)

Please note that the next WDXR deadline will be Friday June 27. We hope that you will send in your summer DX to that column. Nancy 5/30 2100.

CENTRAL DX ROUNDUP

John C. Johnson – 265 Waterton Wy – Billings, MT 59102-7755
E-mail: John_Johnson@prodigy.net **CDXR reports ONLY: cdxr@prodigy.net**

RIDING GAIN

- [GK-CO] Chris Knight, Fort Lupton, CO cqknight63@msn.com
Drake R8, 16 x 34' WNW flag antenna with variable termination.

DOWN THE DIAL

- 840 KXNT NV, North Las Vegas. 5-4 very good, steady signal. Local KOA-850 has had their IBOC turned off for the last two weeks. A Week WHAS and another unID station underneath with slogan "The Sports Station." 01:10-01:40 with C2C program, call letter ID's, spots. [CK-CO]
- 1130 CKWX BC, Vancouver. 5-3 very good peaks. 23:20-23:30 with regional news, ID "Vancouver's news station, News 11-30." Local spots. [CK-CO]
- 1250 KIKC MT, Forsyth. 5-3 good over KZDC. 21:57-22:04 with oldies music. "KIKC Forsyth, Miles City" legal ID by man. [CK-CO]
- 1270 KTFL ID, Twin Falls. 5-3 good. 22:59 with legal ID. Fox News. [CK-CO]
- 1350 KRLC ID, Lewiston. 5-4 fair at best. 00:32-00:35 with ID "...more classic country only on your hometown radio, KRLC." Country music format. [CK-CO]
- 1370 KSOP UT, Salt Lake City. 5-4 good peaks over/under KXTL. 00:50-01:02 with "Gold Country" and "Utah's best in classic country" slogans, legal ID. [CK-CO]
- 1380 KTKZ CA, Sacramento. 5-4 very good. 01:03-01:06 with "Intelligent talk, 13-80 KTKZ" ID. Spot for a hobby store and other local businesses. [CK-CO]

1390 KRRZ ND, Minot. 5-3 very good. 23:50-23:59 with oldies. Legal ID by man. [CK-CO]
 1470 KKTY WY, Douglas. 5-3 very good, no sign of semi-local KEPL. 23:34-23:37 with "You're listening to Colorado Rockies Baseball on AM 14-70 KKTY" into PSA, spots and back to baseball. [CK-CO]

25 YEARS AGO

May 28, 1983 issue of IRCA's "DX Monitor" ... **Bill Townshend** of Washington, DC said he was 52 and worked for the National Weather Service as a computer programmer ... **Karl J. Zuk** of Croton, NY mentioned he had returned from Houston, TX where he was part of the crew covering the Space Shuttle ... **Gene Allen** of Vallejo, CA said he was 75 and had been DXing since 1922 ... **Pat Martin** of Seaside, OR received a verie from YSS-655 for country number 59 ... **C. M. Stanbury II** of Ridgeway, ON continued discussion of R. Marti.

OPEN MIKE

Summer is almost here. This column was typed 5-17-08. 73, John

EASTERN DX ROUNDUP

Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471
E-mail: EDXR at AMLGBOOK dot COM

Deadlines: Saturdays 8 AM!! 6/14, 6/28, 7/12 and 7/26.
 PLEASE NOTE: I AM NO LONGER USING MY **LFRESHWATER@COX.NET** ADDRESS FOR EDXR!!!! Please send ALL EDXR info to: **EDXR AT AMLGBOOK DOT COM.**

(KK-VA) **Kraig Krist** Manassas, VA
 NRD-545 rx with homemade 12 foot vertical dipole, homemade 134' multiband antenna running NW to SE, Terk loop, 43 foot Eavesdropper running East to West
 Old Fort, TN
 Drake R-4C, 149' LW

LOGGINGS

560 SC WVOC Columbia. 2245 05/15. "The Savage Nation on WVOC 560, Columbia" Then faded back into the mix. (WM-TN)
 600 OH WSOM Salem. 0412 05/02. Only heard an ID, the signal rose up on top of the Cuban station, "WSOM, Salem" then disappeared. (WM-TM)
 800 GA WJAT Swainsboro. 0204 05/09. Local WX for Swainsboro, with it being cloudy and small chance of rain on Mothers Day. ID: "WJAT, AM800, talk radio for Swainsboro." Then into C2C. Crazy conditions, mostly local reception (Confined to the southern states) with rapid fading. (WM-TN)
 LA WSHO New Orleans. 0200 05/15. "...for New Orleans, WSHO, radio you can trust." Then into MUSIC TILL DAWN program. This is a syndicated program that plays Christian music and read a few Scriptures in between songs. (Not the old American Airlines music till dawn.) (WM-TN)
 910 AR KLCN Blytheville. 0130 05/07. "... See (a car dealer and I missed the name) in Blytheville for the best deal on you next car!" Then into the Jerry Doyal show. Monitored this station for two hours, and heard many ads for Blytheville area business, NEVER and call letters. Strange that they are doing so well into southeastern Tennessee for only 85 watts. (WM-TN)
 960 MO KZIM Cape Girardeau. 0006 04/20. "Get your local, regional and national news on KZIM!, newtalk 960" then into C2C. KZIM was covering WERC Birmingham, until 0008 when they (WERC) came in on top of KZIM. (WM-TN)
 970 SC WJMX Florence. 0100 04/20. "WJMX, 970" then into ABC news. QSBEd under Louisville, KY, WGTK. (WM-TN)
 980 DC WTEM Washington. 2230 04/22. Baseball game with Baltimore Orioles and Seattle Mariners. (WM-TN)
 1060 LA WLNO New Orleans. 0240 05/12. R.G. Stair's wild preaching. On top of KYW. Rapid fading. (WM-TN)
 1070 TN WFIL Chattanooga. 0241 05/12. /WLNO with R.G. Stairs mixed with WFNI, with Indianapolis station winning most of the time. (WM-TN)
 1000 TN WMUF Paris. 2359 05/04. ID, "WMUF, 104.7" playing some type of country song. Strong signal but tough to copy, as it is mixing with WMFP in Chicago. They are on day power. (WM-TN)
 1010 MS WMOX Meridian. 0631 04/22. Promo for the state of Mississippi with internet address of **www.Mississippi.com**. On top of WSPC for a short time. (WM-TN)

1010 NC WSPC Aberdeen. 0620 04/22. News, Weather, time (given each minute) and temperatures around the state. At 0633 the WSPC birthday club. (WM-TN)
 1110 TN WUNT Pikeville. 1550 05/13. Read in the DXM of a power increase for WUNT, and thought I would check out how they sounded with the new power. Sound about the same, not great increase in signal strength. At 1548 an ad for Pikeville Building Supply, then "Time at the WUNT studios is 2:48, and the weather for this evening will be cooler and overcast with small chance of rain." Then into song, "Houston" by George Strait. Still weak, no more than S-5 on peaks. (CAT-NC)
 1150 IL WGGH Marion. 0250 05/17. "...and send to WGGH, Marion. You never know when we will be playing your song." Then QSBEd into the mix. (WM-TN)
 1180 GA WZQZ Trion. 1453 05/13. "Catoosa county radio, your hometown radio station." Ad for Trion county shop. "In the mornings, get your news that you need from CBS radio and Georgia news network here on AM1180, WZQZ..." At 1500 - "You're listening to WZQZ, Trion - Summerville, AM 1180" then into CBS news. Dead air between these ID's. Mixed with WV LZ. (WM-TN)
 TN WV LZ Knoxville. 1450 05/13. ESPN radio for Knoxville, WV LZ. Mixed wWZQZ. (WM-TN)
 1190 TN WSDQ Dunlap. 1438 05/13. "We play the country you want to here, THE Q" then into music, and at 1444, an ID - "We are THE Q, WSDQ, Dunlap" Only a fair signal, even though it is about 50 miles away. Mix w/1190 from Atlanta. (WM-TN)
 1220 NC WDYT Kings Mountain. 1900 04/23. "WDYT, 1220, Kings Mountain" then into a program from the American Civil Liberties Union. On top of WCPH-Etowah, TN. Good sunset skip. (WM-TN)
 1340 OH WSTV Steubenville. 5:27 0155-0305. Mixing with a station playing oldies. ESPN radio 0259 "You're listening to ESPN Radio twelve ninety... Wheeling and thirteen forty WSTV Steubenville". (KK-VA)
 1350 GA WFNS Blackshear. 0536 04/25. "Sports radio for south east Georgia, 790 and 1350, WFNS." Mixed with 100 hundred other stations! (WM-TN)
 GA WRWH Cleveland. 0643 04/25. "News radio 1350" ad for the "No News" trader for north east Georgia. At 0650, ID, "Your hometown radio, WRWH." (WM-TN)
 GA WNNG Warner Robins. 0655 04/25. Local news, for south central Georgia. All the over night robbers and obits. (WM-TN)
 LA WWWW New Orleans. 0735 04/25. Replay of the WWL sports show from the day before; ad for Toyota of New Orleans at 0740. On top of the jumble at 0735. (WM-TN)
 NC WQNX Aberdeen. 0700 04/25. Popped up out of the noise, "WQNX, 1350" then gone. Over WNNG in Warner Robins, GA. (WM-TN)
 OH WARF Akron. 5:26 0155-0305. Mixing with Gospel station. Sporting news radio. 0242 "Coming up more of the David Stein Show on Sporting News Radio", 0300 "13-50 AM WARK Akron... sports thirteen fifty..." into sports scores. (KK-VA)
 SC WLMA Greenwood. 2121 04/26. "Here state and local South Carolina news all day long on WLMA - 1350 and WLMA.net" Ad for Lesley's floor designs at 2323, then disappeared. Nice signal while lasted. (WM-TN)
 1360 CT WDRC Hartford. 5:25 0155-0305. Mixing with stations talking about Kennedy. 0304 "Am sixteen sixty WDRC Hartford". (KK-VA)
 GA WHCG Metter. 2040 05/10. "WHCG, 1360, Today's great gospel" then just disappeared. Faded back up at 2047 with gospel music. Mixed with WIXI, and another station with a talk format. (WM-TN)
 NJ WNJC Washington Township. 5:25 0155-0305. Mixing with stations. 0212 "This is thirteen sixty WNJC..." (KK-VA)
 OH WSAI Cincinnati. 0457 05/18. During an ad for Subway, "...and here in Cincinnati we are offering \$5.00 foot long subs." At 0502 an incomplete ID, "ESPN, Cincinnati, 1350." Best I can do for an ID. (WM-TN)
 SC WELP Easley. 2010-2020 05/28. Announcer said, "... This has been a religious program with Bible instruction" (Have no idea as to what the program was, I tuned in a little late). ID at 2015 - "WELB 1360, Easley" and this was followed by commentary from the station owner about the rising trend of teens killing themselves. Nice signal for 1 Kw at sunset. (WM-TN)
 WV WHJC Matewan. 5:25 0155-0305. Mixing with stations. Gospel programming. 0256 "Broadcasting from the twin towers... you're listening to WHJC". (KK-VA)
 1370 NC WGV Gastonia. 2240 05/07. Faded up out of mix, "...this Baptist get together, is sponsored by WGIV. For more information call 980-297-7256 in Charlotte." Then into scream'n black gospel. Lot's of QSB. (WM-TN)
 OH WSPD Toledo. 5:24 0155-0305. Mixing with stations including WVOCB Corry, PA. Talk about price of oil, ad for buying gold. 0200 "...hear it now... your news leader, thirteen seventy WSPD Toledo" into Fox News. 0234 "The buckeye Sportsman with... morning at 5 on news, talk Thirteen seventy WSPD." (KK-VA)

1490 NC WWINB New Bern. 5/6 0155-0305. Mixing with many stations (including WBAE). 0220
 "...Carolina... Super ESPN Radio fourteen ninety AM...." 0259 "ESPN WWNB
 fourteen ninety... (KK-VA)
 1510 PA WPGR Monroeville. 5/29 2015. Gospel music. 2023 "Pittsburgh's Gospel music". Talk
 on kindness. 2039 "Pittsburgh's Gospel WPGR". (KK-VA)
 1540 PA WNNWR Philadelphia. 5/29 2013. "Overcomer Ministry" into quick signoff "...Delaware
 Valley... WNNWR..." National Anthem. (KK-VA)
 1550 AL WLOR Huntsville. 01/28 05/25. 0128 25/05/08. "1550, WLOR, Home of the Michael ???
 show" then QSB. (WM-TN)
 1580 KY WXRA Georgetown. 01/18 05/22. Playing some real funky music. Motown and rock ID
 given at 0018, "Call us at 280-1580, Grooven 1580." (WM-TN)
 1590 MS WZFX Jackson. 01/00 05/22. Mixed with WCSL CNN headlines news. (WM-TN)
 NC WCSL Cherryville. 01/01 05/22. Local WX for central North Carolina, then an ID,
 "WCSL, Your Christian Connection." Then Christian music. Mixed with Jackson,
 MS, WZRX. Must be on day power, as way to strong for 45 watts. (WM-TN)
 1600 AL WXXV Montgomery. 2/11 05/15. "...coming up next on sixteen hundred. WXXV." Then
 into scream'n blk gsp! mx. Very strong signal for this time of night. (WM-TN)
 1600 SC WFIS Fountain Inn. 04/00 05/15. Station ID given by Jim Bohanan. "You're listening to
 the Jim Bohanan show on WFIS and world wide on the net." (WM-TN)
 1640 WI WKSH Sussex. 5/27 04/37. Child "AM sixteen forty Radio Disney Milwaukee". "Win,
 "Win, Win... Radio Disney" and "Radio Disney is unlocking the doors to the
 ultimate Saturday night party..."
 1680 MI WDSS Ada. 5/29 1943. "Am sixteen eighty WDSS Radio Disney" into song. (KK-VA)
 1420 ?? ??? UNIDEN
 5/11 0155-0305. Mixing of many stations including religious & ESPN. 0200 "I'm
 James Schriver ABC News", 0215 "...24 hours... news, talk fourteen twenty AM
 WCOC": 0253 "Before you make your outdoor plans, tune in for the latest up-to-
 the-minute weather forecast on AM fourteen twenty WCOC". 0255 CW "4" sent.
 This is a mystery. Searching topazdesigns.com/ambc I see WCOC 1010 kHz
 is silent. Did I mistake WQBC for WCOC? No as topazdesigns.com/ambc
 shows WQBC as religious. (KK-VA)
 (cheap plug time... go to www.amllogbook.com... I think your WCOC was
 WAOC ST Augustine, FL - editor)

 Thanks to Craig and Willis this week. Back from the Dayton Hamfest and our equipment show. A bit
 cold and rainy this year. Did get a chance to run down to Mason, Ohio and tour the WLW transmitter
 site.... Lots of great web sites around about WLW and well worth looking at. Seeing that BIG 500 KW
 transmitter really sparked my interest in historical xmr sites. Along with me was Kevin Holley (the new
 CE at WJR Detroit) and Josh Bohm with Radio One Cincinnati. Had a great time. Thanks to all the
 guys at WLW for the warm welcome. We got to walk down to the base of that tall tower and see the
 tuning unit. It was interesting to hear some of the differences in the WLW and WJR sites, and the
 history of both stations if you want to read about the history of WLW, here are a few links.
<http://www.ominous-valve.com/wlw.html> - <http://www.olderadio.com/archives/stations/cinc/>
<http://www.fybush.com/site-020109.html> and I can't forget about Scott Fybush's site
 their new arrival) For pictures of the WJR site, go to: <http://www.olderadio.com/archives/stations/detroit/wjrpic.htm>.
 You can also Google WLW history and read more about WLW.
 I must apologize to Willis as one of his reports got buried in my cox.net email. That is one of the
 reasons I am no longer using that address for EDXR. I went ahead and included those loggings in this
 report. Please use my **edxr** at amllogbook.com address from now on.
 Best to all... fresh 5-31 1015

DX WORLDWIDE - WEST / TROPICAL BAND DX
Patrick Martin - P.O. Box 843 - Seaside OR 97138
E-mail: mwdxer@webtv.net all times UTC

Grayland Report from John Bryant
 Once again, ultralighting came to the rescue! Despite deploying the Wellbrook Array, the mediocre
 Trans-Pacific DX conditions reported widely elsewhere would have garnered me a very mediocre and
 depressing morning. Using my WinRadio 313E, and starting two hours before dawn, I noted over 40
 channels with various levels of hets, prior to dawn enhancement. Most were below 1116. I even had
 threshold audio on a dozen of the usual suspects: 702, 738, 756, 774 (JJ at about 1130), 891, 1017,
 1028, 1098, 1116, 1134, 1287 (prob JJ) 1512 and 1611.

1370 PA WWCBC Corry. 5/24 0155-0305. Mixing with stations including WSPD Toledo, OH. Songs
 "Isn't It Time" by the Babys, "Just The Way You Are" Billy Joel. 0249 "AM
 thirteen seventy WWCBC". (KK-VA)
 1380 NY WKDM New York City. 5/23 0155-0305. Chinese talk. 0159 in English "AM thirteen
 eighty WKDM New York" back to Chinese program. (KK-VA)
 NC WKJV Asheville. 2041 05/06. "WKJV, the Kings radio" south gospel singing followed till
 2050 when a statement of their beliefs was given. "WKJV believes that the
 1611 Kings James version of the Bible teaches saved by grace through faith."
 (WM-TN)
 1390 IL WGRB Chicago. 5/21 0155-0305. Mixing with WPLM and WFBL. Endless Gospel
 singing. 0200 and 0257 "WGRB". (KK-VA)
 MA WPLM Plymouth. 5/18 0155-0305. Mixing with Gospel and WFBL. 0210 with wx
 forecast, "...it's currently 62 in Seetalk, 60 in Floraville and 60 in Boston at
 today's QU 99.1". "QU 99.1" jingle. 0218 "Yesterday's music, today's music
 99.1". (KK-VA)
 NY WFBL Syracuse. 5/18 0155-0305. Mixing with Gospel and WPLM. WFBL with oldies.
 0156 "Solid gold radio". 0159 "...on thirteen ninety WFBL... solid gold radio".
 (KK-VA)
 1400 SC WGTN Georgetown. 5/19 0155-0305. Mixing with other stations. WGTN with oldies
 0214 "...listening to the greatest hits... night here... WGTN oldies station...". WHK
 with talk. 0218 "...Cleveland's choice for intelligent talk. News, talk fourteen
 twenty - fourteen twenty WHK". (KK-VA)
 SC WSPG Spartanburg. 2359 05/17. Rose up out of the mix. "ESPN radio, WSPG, 1400.
 Spartanburg." Then faded back into the mix. (WM-TN)
 1410 NC WRJD Durham. 05/15 0155-0305. Mixing with other stations (including KQV & uniden
 ESPN Radio WRJD with seemingly endless Gospel singing. 0235 "WRJD".
 0241 "... your home fourteen ten AM WRJD" 0250 "Linda Greenwood... Joy in
 the Morning" weekday mornings from 6 to 9 on "The Choice" fourteen ten AM
 WRJD". (KK-VA)
 PA KQV Pittsburgh. 5/12 0155-0305. Mixing with other stations (including WRJD and
 unID ESPN Radio) KQV with old time radio programs on "When Radio Was".
 (KK-VA)
 1420 NC WVOT Wilson. 5/16 0155-0305. Mixing with WHK. WVOT with Gospel singing. 2:10
 "WVOT fourteen twenty AM Wilson North Carolina". "WVOT AM Wilson North
 Carolina". (KK-VA)
 OH WHK Cleveland. 5/16 0155-0305. Mixing with WVOT. WHK with talk. 0218
 "...Cleveland's choice for intelligent talk. News, talk fourteen twenty - fourteen
 twenty WHK". (KK-VA)
 TN WKSJ Pulaski. 2237 04/28. "Heard in every parking place in Giles county, this is 'Rock
 1420 WKSJ'". (WM-TN)
 WV WTCR Kenova. 5/15 2324. "Fourteen twenty WTCR" into bluegrass music. (KK-VA)
 1430 NJ WNSW Newark. 5/16 0500. "AM Fourteen thirty WNSW Newark, New York City" into
 Hindu type music. (KK-VA)
 1440 GA WGMI Bremen. 2010 05/15. "The best in gospel music, WGMI, 1440" Nice sunset
 signal. (WM-TN)
 GA WGIG Brunswick. 5/8 0155-0305. Mixing with several stations (including WHKZ).
 WGIG with "Coast to Coast". 0234 "...Rush Limbaugh weekday afternoons...
 (KK-VA)
 MS WRBE Lucendale. 0152 05/25. "Your favorite country, WRBE" then into a song.
 Luckinback, TX" with Merle and Willie. Supposed to off the air at night. They are
 bouncing around at S-7 to an 8. (WM-TN)
 OH WHKZ Warren. 5/8 0155-0305. Mixing with several stations (including WGIG). WHKZ
 with religious programming. 0258 "The preceding program has been
 sponsored by 'Insight for Living'. Then "...on AM twelve twenty 'The Word'" (this
 is not a type by me as WHKW is on 1220). "WHKW Cleveland WHKZ Warren."
 "Northern Ohio's Word". "A service of Salem Communications" into talk on
 feminism on "The Truth That Transforms". (KK-VA)
 1470 TN WBOL Nashville. 2140 04/28. "WBOL, oldies 1470, Nashville" then into 'Sit'n on the
 dock of the bay.' 'Weak, mixed in the jumble. (WM-TN)
 1480 AL WRLM Irondale. 2148 04/28. "Veno net. The best way to reach Hispanics in north
 Alabama. Call WRLM at ...QSBed" This ad was said in English. The net is
 possibly spelled wrong and is the wrong Spanish word. Mixed with WGUS,
 Augusta, GA. (WM-TN)
 GA WGUS Augusta. 2150 04/24. "WGUS, 1480" then into southern gospel music. Mixed
 with WRLM, Irondale, AL. (WM-TN)
 1490 ME WBAE Portland. 5/6 0155-0305. Mixing with many stations (including WWNB). 1:59
 speaking with echo effect "...fourteen ninety WBAE...." (KK-VA)

As dawn enhancement began at 1145, I noted more threshold audio on 648, again on 738 (DU). On 774, NHK was coming in well enough that I tried all three Ultralights that I had hooked to the array. (National SRF-39, DT-200VX mod., E100) The E100 was the best, overall, and I happily listened to a few phrases of Japanese during. I think, a language lesson. That was my first-ever TP with an ultralight receiver. Felt real good! Soon after that, the JU faded away and pre and post dawn were both exclusively DU. They were all at threshold or just above, with 8 or ten rising to language recognition level. Each of those was DU, about 1/3 NZ and the rest Aussie. None were at a level to be receivable on the Ultralights, even hooked to the array.

Then I stumbled upon 891, right at dawn (1215) and it was at (just) listenable levels. I tried the E100, expecting 891 to be swamped by whatever was on 890... or by splatter from that dastardly Canadian on 900. Not so, Tonto! There sat the DU, coming in almost as well on the E100 as on the 313E. I then tried the DT-200VX and the National SRF-39 and got the DU on each, with somewhat reduced S/N. Happily, 890 is pretty much an open frequency after Mr. Sun knocks out the 890 Chicago station about an hour before our dawn... and the array was looking due SW, away from the Victoria station on 900... My ship had come in!

It took me a while to figure out what was going on, but happily, conditions stayed stable for over 15 minutes. There were actually two stations on 891 and I was hearing each quite well. They were 5AN, ABC Adelaide and 4TAB Townsville. Each would dominate for two or three minutes with very little interference from the other. Then, almost like flipping a switch, they would reverse. 4TAB was running their usual horse racing programming, with race calls and betting payouts. I heard mention more than once of TAB. When 5AN was in, it was running the some talk/public affairs and some popular music. I heard mention of "Morning Melody", possibly the program name. The music to my ears, though, was hearing them go to ABC News at 1230, with an ID as "ABC ADELALIDE!" After that, I had a brief celebration, dancing around the campfire, shouting various Chickasaw war hoops and generally acting stupid. It felt REAL good!

At 1230, dawn had happened. 15 minutes earlier and I knew that things would likely close down within 20 more minutes or so. It was time to try for the Hawaiians, now that dawn had diminished their continental co-channels. I heard three potential Hawaiians before things faded out at 1245: 760 (prob. KGU) had relig. talk by a female preacher (this matches their format): 1110 (maybe KAOI?) had trucker talk and 670 (maybe KPUA) was running a news program called "Wall Street Journal This Morning." It may be very difficult to determine whether any of these were Hawaiians, since they are all syndicated programs and the propagation only seems to work from about 1220 to 1245. I'm here for three more mornings, so... maybe a local commercial or PSA at the half hour???

I did get one opportunity to compare the 12" x 1" ferrite booster bar to directly connecting the Ultralight radio to the Wellbrook array. I couldn't hear any audio at all on 891 with the ferrite, while I had 100% intelligibility with direct connection to the array. During the DX session here at the beach, there was no sign of overload of the Ultralights that were connected to the array.

Well, now I can complete that article on adding a MW antenna input port to portable radios :-)

Reporting live from the Local Tavern and wi-fi hotspot in Grayland, Washington.

John B. WinRadio 313E, Ultralights, Wellbrook Array to SW and NW, Grayland, WA, USA

DX WORLDWIDE - EAST

Brandon Jordan – 4920 Park Ave. – Memphis, TN 38117

E-mail: dxww-e@bcdx.org
all times UTC

Granite Pier Mini-DXpedition (late APR '08)

Report from **Mark Connelly**, WA1ION – Times/dates = UTC/2008 e-mail = MarkWA1ION@aol.com
Rockport, MA, USA (GC= 42.667 N / 70.621 W) (= 42° 40' N / 70° 37' W) (Granite Pier)

Site-related info: http://home.comcast.net/~dx_lab/dx_clams_2005.htm

Receivers: RFSpace SDR-1Q, Drake R8A

Phasing Unit: DXP-6A

Splitter: Mini-Circuits ZSC-2-2

MP3 Recorder: Pogo Radio YourWay LX

Antennas: cardioid array on roof of car = Vertical: 3.7 m whip (MFJ-1956) to 81:1 xfmr to DX Engineering RPA-1 amp, + Loop: Micro-SuperLoop, square, 2 m per side, with 16:1 xfmr (to DX Engineering RPA-1 amp) on east bottom corner and 5K potentiometer on west corner

*** TRANSATLANTIC DX ***

531 **SPAIN** RNE R.5 synchros, APR 23 0108 – //621 with Spanish newstalk by man; poor over others.

549t **IRELAND** Irish Christian Broadcasters. Monaghan, APR 23 0109 – not sure if this station is still active but the talk (by man & woman) definitely sounded English, not Arabic or German which would be the typical other possibilities on 549 here.

576 **CANARY ISLANDS/SPAIN** RNE R.5 synchros, APR 23 0112 – talk //621; poor.

- 585 **SPAIN** RNE R.1, Madrid, APR 23 0033 – //621, 684 with remake of Brian Hyland hit "Sealed With a Kiss"; fair.
- 594 **PORTUGAL** R. Renascenca, Muge, APR 23 0023 – Portuguese teletalk by man & woman; poor.
- 603 **SPAIN** RNE R.5 synchros, APR 23 0030 – //585 with talk; poor to fair over others.
- 612 **MOROCCO** RTM A, Sebbaa-Aloun, APR 23 0023 – shrill female vocal, then Arabic talk by man; fair.
- 621 **CANARY ISLANDS/SPAIN** RNE R.1 synchros, Santa Cruz de Tenerife et al., APR 23 0033 – //684 with remake of "Sealed With a Kiss"; fair.
- 639 **SPAIN** RNE R.1, La Coruna et al., APR 23 0020 – //684 with man & woman in Spanish; poor in CBN slop.
- 666t **PORTUGAL** RDP Antena 1 synchros, APR 23 0022 – likely this with male/female US soul song duet; poor. Potential parallel frequencies had other dominants.
- 657 **SPAIN** RNE R.5, Madrid, APR 23 0022 – man in Spanish, a few piano notes: poor in WFAN slop.
- 675 **NETHERLANDS** R. Maria, Lopik, APR 23 0033 – man in Dutch, R. Maria ID, then into folk style female vocal; to good peak.
- 684 **SPAIN** RNE R.1, Sevilla, APR 23 0014 – poetry reading with classical music accompaniment; good.
- 693 **UNITED KINGDOM** BBC R. 5, Droitwich et al., APR 23 0013 – discussion of US presidential campaign; fair.
- 702 **unID** APR 23 0016 – Koranic male vocal; poor. Several possibilities.
- 711 **FRANCE** France Info, Rennes, APR 23 0023 – //792 with French talk; fair, over W. Sahara growl.
- 711.05 **WESTERN SAHARA** RTM, Addakla, APR 23 0028 – Arabic female wailing.
- 729 **SPAIN** RNE R.1 synchros, APR 23 0100 – //684 with fast talk Spanish news; in bad CKAC/WJTO slop.
- 738 **SPAIN** RNE R.1, Barcelona, APR 23 0013 – //684 with talk; in CHCM slop.
- 747 **CANARY ISLANDS/SPAIN** RNE R.5 synchros, APR 23 0021 – //684 with Spanish talk by man & woman; fair over presumed Netherlands.
- 747 **NETHERLANDS** R. 5, Flevoland, APR 23 0022 – presumed this with classical piano music; mixed with RNE.
- 756 **GERMANY** Deutschlandfunk, Braunschweig & Ravensburg, APR 23 0019 – modern classical/piano music, man in German, other man said a few words in English, then '30s-era Billie Holiday vocal "In My Solitude"; good.
- + APR 23 0100 – 3 short pips, one long pip, then news in German by man; fair.
- 765 **SWITZERLAND** RSR Option Musique, Sottens, APR 23 0015 – romantic French vocal, then "Get Up Stand Up" by Bob Marley; good.
- + APR 23 0100 – Option Musique jingle, news by man & woman in French; good.
- 774 **EGYPT** Middle East R., Abis, APR 23 0023 – male Arabic vocal, under Spain.
- 774 **SPAIN** RNE R.1 synchros, APR 23 0023 – //684 with two men in Spanish; fair over Egypt.
- + APR 23 0100 – //855 with Radio Nacional de Espana ID, news; fair.
- 783 **MAURITANIA** R. Mauritanie, Nouakchott, APR 23 0021 – Koranic vocal, Arabic talk; in CFDR slop.
- 792 **FRANCE** France Info, Limoges, APR 23 0023 – //711 with man, then woman, in French; poor.
- 801 **SPAIN** RNE R.1 synchros, APR 23 0023 – //774 with man in Spanish; poor in VOWR/PJB slop.
- 819 **MOROCCO** RTM, Rabat, APR 23 0022 – rustic North African (Berber?) music, Arabic talk; briefly over others.
- 837 **CANARY ISLANDS/SPAIN** COPE synchros, APR 23 0005 – fast Spanish talk; over others.
- 837 **FRANCE** France Info, Nancy, APR 23 0058 – //711 with jazz; over others.
- 855 **SPAIN** RNE R.1 synchros, APR 23 0011 – //936 with man in Spanish; fair.
- 864 **FRANCE** France Bleu, Villiebon-sur-Yvette, APR 23 0008 – France Bleu jingle, lounge-style French male vocal; good.
- + APR 23 0107 – "September" by Earth, Wind, & Fire; then Bleu jingle; good.
- 873 **SPAIN** SER synchros, APR 23 0008 – SER net ID, Spanish talk, soft piano music; fair to good.
- 882 **CANARY ISLANDS/SPAIN** COPE synchros, APR 23 0006 – //837 with fast talk; briefly getting through usually-stronger UK.
- 882 **UNITED KINGDOM** BBC R. Wales, Washford, APR 23 0009 – talk about employees' relationships with their companies, how they advance their ideas in the organization; good.
- 909 **UNITED KINGDOM** BBC R.5 Live synchros, APR 23 0006 – commentary on US Democratic presidential race, mention of super-delegates; to good peak over WABI slop.
- 936 **SPAIN** RNE R.5 synchros, APR 23 0011 – //855 with Spanish talk; poor.

945 **FRANCE** France Info, Toulouse, APR 23 0008 – France Info mention by man, then lush orchestral music; good.

954 **SPAIN** Onda Cerro, Madrid, APR 23 0010 – man & woman in Spanish; to good peak.

963 **PORTUGAL** R. Renascença, Seixal, APR 23 0008 – man in Portuguese; poor with sloop from 970 WZAN.

981 **ALGERIA** RTVA Chaîne 2, Algiers, APR 23 0006 – French talk by woman, then Arabic music; fair over others.

999 **SPAIN** COPE, Madrid, APR 23 0006 – //837 with "discoteca" advert with phone numbers; good, alone on channel and much stronger than the Latin America jumble on 1000.

1008 **CANARY ISLANDS** Punto Radio, Las Palmas, APR 23 0010 – non-SER fast Spanish talk by woman; mixed with slow music station (likely Netherlands).

1053 **UNITED KINGDOM** TalkSport synchros, APR 23 0001 – //1089 with news about northern England and Scotland, strike at oil refinery, supermarket prices up 15% in last 12 months, Sky News mentioned; fair to good.

1062 **ITALY** RAI R. Uno synchros, APR 23 0053 – Italian talk with woman in studio and man on phone; poor.

1071 **SPAIN** Euskadi Irratia, Bilbao, APR 22 2358 – //1197 with piano instrumental version of John Denver's "Annie's Song"; good.

1071.28 **UNITED KINGDOM** APR 23 0002 – low het against Spain.

1089 **UNITED KINGDOM** TalkSport synchros, APR 22 2331 – car insurance advert "**comparethemarket.com**"; ID "On 1089 and 1053 AM and DAB digital radio, TalkSport"; loud.

+ APR 23 0001 – //1053 with "that's the latest from Sky News", TalkSport ID, slogan "all the big names, all the big games"; very good.

1098 **SPAIN** RNE R.5 synchros, APR 23 0001 – //1107 with news in Spanish; echoey.

1107 **SPAIN** RNE R.5 synchros, APR 23 0001 – //1098 with news; to good peak over 1107.13 growl.

1116 **SPAIN** SER synchros, APR 23 0004 – //1179 with man & woman in Spanish with phone interview; to good peak.

1125 **BELGIUM** RTBF VivaCité, Houdeng, APR 23 0003 – economic news by man & woman in French with mentions of Grande Bretagne; good, over Spain.

1134 **CROATIA** Glas Hrvatske, Zadar, APR 23 0000 – three slow pips (last one longer than first two), Glas Hrvatski and Hrvatski Radio ID's, then into news; loud.

+ APR 23 0052 – Slavic talk, mountain region polka music; very good.

1134 **SPAIN** COPE synchros, APR 23 0001 – news by woman in Spanish; way under monster Croatia.

1143 **SPAIN** COPE synchros, APR 23 0052 – //1224 with fast Spanish talk; fair to good.

1152 **SPAIN** RNE R.5 synchros, APR 23 0001 – //1107 with news; loud.

1161 **SPAIN** Euskadi Irratia, San Sebastian, APR 23 0000 – //1071 with music fanfare, then Spanish newstalk by woman; poor to fair in WSKW sloop.

1170 **UNITED ARAB EMIRATES** R. Sawa, Al Dhabiya, APR 22 2359 – female Arabic vocal; to good peak, dominant.

+ APR 23 0002 – male mideast vocal and orchestra, a few words in Arabic by woman, then Cher dance hit "Do You Believe in Love"; fair to good.

1179 **CANARY ISLANDS/SPAIN** SER synchros, APR 23 0004 – //1116 with interview; fair.

1179 **GREECE** ERA, Thessaloniki, APR 23 0001 – talk by man with Elleniki Radiophonia mention; briefly over Canarias-Spain.

1188 **MOROCCO** RTM B, Casablanca, APR 23 0001 – Arabic news by man & woman, interview; fair to good.

+ APR 23 0053 – more like a dialect than "straight" Arabic at this time.

1197 **SPAIN** Euskadi Irratia, Vitoria, APR 22 2358 – //1071 with piano instrumental version of John Denver's "Annie's Song"; fair over 1196.68 Angola growl.

1197 **UNITED KINGDOM** Virgin R. synchros, APR 23 0003 – //1215 with Coldplay or similar song; fair, over Spain and Angola growl.

+ APR 23 0051 – //1215 with Virgin Radio ID, "How to Save a Life" by the Fray.

1206 **FRANCE** France Info, Bordeaux, APR 22 2357 – man in French talking about football, then talk by woman, followed by marching band music; good.

+ APR 23 0057 – sax; jazz; local-like.

1215 **SPAIN** COPE synchros, APR 23 0001 – //1224 with Spanish news by woman; mixed with UK.

1215 **UNITED KINGDOM** Virgin R. synchros, APR 22 2337 – contest caller from Watford, Virgin Radio ID, then "Mr. Blue Sky" by ELO; good, over Spain.

1224 **SPAIN** COPE synchros, APR 23 0001 – //1215 with news; to fair peak over others.

1233t **UNITED KINGDOM** Virgin R. synchros, APR 23 0047 – probably this with pop/rock music but not quite clear enough to establish parallel with 1215.

1242 **FRANCE** France Info, Marseille, APR 23 0008 – //1206 with woman in French; poor over sloop.

1251 **LIBYA** Libyan Jamahiriya, Tripoli, APR 22 2338 – man in Arabic; fair.

1287 **SPAIN** SER synchros, APR 22 2337 – //1116 with folk style flute music, then woman in Spanish; fair to good.

+ APR 23 0047 – fast Spanish talk by man; mixed with others.

1296 **SPAIN** COPE, Valencia, APR 23 0049 – //1224 with excited talk by man, then teletalk; over R. XL (UK).

1296 **UNITED KINGDOM** R. XL, Langley Mill, APR 23 0043 – Indian pop vocal; under Spain.

1305 **SPAIN** RNE R.5 synchros, APR 23 0047 – //1314 with man in Spanish, then woman; fair over growl.

1314 **SPAIN** RNE R.5 synchros, APR 23 0047 – //1305 with man in Spanish, then woman; good.

1323 **UNITED KINGDOM** APR 23 0048 – pop female vocal; poor. UK suspected.

1332 **IRAN** R. Tehran, Tehran, APR 23 0048 – Mideast male vocal and mandolin-like instrument, then violins; to good peak.

1341 **NORTHERN IRELAND** BBC R. Ulster, Lisnagarvey, APR 23 0047 – woman talking about budgets and salaries; poor to fair.

1377 **FRANCE** France Info, Lille, APR 22 2352 – man in French; good.

+ APR 23 0046 – classical music; good.

1395 **NETHERLANDS** Big L, Tintelhaven, APR 23 0046 – Big L "Solid Gold Rock 'n' Roll" jingle, DJ mentioned that he was on air from 1 to 4 a.m. Beatless-influenced vocal followed. Briefly good.

1404 **FRANCE** France Info synchros, APR 23 0042 – //1377 with classical music; to fair peak.

1422 **ALGERIA** RTA, Algiers, APR 22 2344 – bluesy North African vocal; over Germany for a while.

1422 **GERMANY** Deutschlandfunk, Heusweiler, APR 23 0036 – opera, man in German, interview including English talk being translated to German, then jazz; excellent.

1431 **DJIBOUTI** R. Sawa, Arta, APR 22 2345 – "arabiya" and "Sawa" mentions; good.

+ APR 23 0037 – Arabic pop-dance music with strings, vocal; good.

1458 **UNITED KINGDOM** Sunrise Radio, Brookmans Park, APR 23 0040 – Indian female vocal and drumming; poor.

1467 **UNITED KINGDOM** APR 23 0038 – group mideast chant; suspected to be Iran as not parallel to 1512 or 1521 Saudis.

1485 **MELILLA/SPAIN** SER synchros, APR 23 0038 – //1584 with woman in Spanish; to fair peak.

1494 **FRANCE** (CORSICA) France Bleu, Bastia, APR 22 2346 – //864 with pop music; fair.

+ APR 23 0039 – France Bleu jingle, mellow vocal; poor.

1512 **SAUDI ARABIA** BSKSA, Jeddah, APR 23 0037 – preaching by man in Arabic; through WWZN sloop.

1521 **SAUDI ARABIA** BSKSA, Duba, APR 22 2347 – two men in Arabic; local-like signal.

1539 **UNITED ARAB EMIRATES** R. Aap Ki Dunyaa, Al Dhabbayya, APR 23 0035 – man & woman in Urdu or similar; poor, just getting through 1540 sloop.

1548 **KUWAIT** R. Sawa, Kabd – Kuwait City, APR 22 2351 – plaintive male Arabic vocal with drumming; to good peak.

+ APR 23 0036 – Arabic vocal & strings; fair.

1548 **UNITED KINGDOM** BBC R. Bristol, Bristol-Mangotsfield, APR 23 0040 – BBC talk with man & woman; atop Kuwait briefly.

1550 **ALGERIA** RASD Clandestine, Rabouni, APR 22 2348 – politically-oriented Spanish talk, Saharai mention, segment of rustic North African music; over others.

1557 **FRANCE** France Info, Fontbonne, APR 23 0037 – man & woman in French; to good peak.

1575 **UNITED ARAB EMIRATES** R. Farda, Al Dhabiya, APR 22 2350 – high-energy Mideast dance-club music with shrieky Bollywood-style female vocal.

+ APR 23 0036 – Farsi talk with mentions of Washington, Bosnia, Serbia; to good peak.

1584 **CEUTA** RadiOle, APR 23 0038 – man in Spanish, then music; over SER.

1584 **SPAIN** SER synchros, APR 23 0038 – //1485 with woman in Spanish; mixing with Ceuta.

1593 **UNITED KINGDOM** APR 23 0037 – blank carrier with occasional beeps: maybe some kind of testing post-sign-off or pre-sign-on. VOA Kuwait is usual signal here.

1602 **SPAIN** R. Vitoria, Vitoria, APR 23 0035 – romantic Spanish female vocal; good, way over SER.

*** PAN-AMERICAN DX ***

530 **TURKS & CAICOS** R. Vision Cristiana Internacional, South Caicos, APR 23 0030 – R. Vision Cristiana Internacional ID, salsa-influenced spiritual vocal; good over 531 het.

555 **ST. KITTS & NEVIS** R. ZIZ, Basseterre, APR 23 0027 – reggae music, Caribbean male announcer "This is National Showcase, family station in your house. We continue with the super-bad music on a beautiful Tuesday night." To good peak despite adjacent WGAN sloop.

570 **CUBA** R. Reloj, APR 23 0110 – beeps, Spanish news, clock ticks; weaving in and out with CFCB and WMC.

- 670 **CUBA** R. Rebelde, CMQ, Arroyo Arenas, APR 23 0113 – /710 with sporting event, Cubano mentions: atop YVLL during fades.
- 670 **VENEZUELA** R. Rumbos, YVLL, Caracas, APR 23 0017 – man with 'en Rumbos, en Caracas" mention with fanfare music; then talk by woman; fair.
- 700 **BRAZIL** R. Eldorado AM, ZYK686, Sao Paulo, APR 23 0020 – man and woman in Portuguese with Sao Paulo and futebol mentions; poor-fair through IBOC hiss.
- 710 **CUBA** R. Rebelde synchros, APR 23 0110 – /670 with sporting event, Cubano mentions; slightly under WOR.
- 720t **BRAZIL** R. Guaiba, ZYK276, Porto Alegre, APR 23 0030 – Portuguese preaching and screaming; under Venezuela.
- 720 **VENEZUELA** R. Oriente, YVQE, Porlamar, APR 23 0025 – "en Venezuela, Oriente" ID, then romantic vocal; good.
- + APR 23 0109 – booming with nice Oriente ID and timecheck of "ocho y treinta nueve minutos" (8:39) which is UTC - 4.5 hours.
- 740 **BRAZIL** R. Sociedade da Bahia, ZYH446, Salvador, APR 23 0105 – excited Portuguese talk by man, Salvador mention; a bit under CHCM.
- 750 **VENEZUELA** RCR, YKKS, Caracas, APR 23 0019 – Caracas, RCR mentions in fast Spanish newstalk; under CBG.
- 760 **BRAZIL** R. Uirapurú, ZYH588, Fortaleza, APR 23 0021 – man with religious Portuguese talk; over jumble.
- 760 **COLOMBIA** RCN, HJAJ, Barranquilla, APR 23 0013 – /770 with speech about the government and economics; mixing with Brazil; others.
- 770 **COLOMBIA** RCN, HJUX, Bogota, APR 23 0013 – /760 with fiery Spanish political speech about economic matters, government; good, over others.
- 790 **VENEZUELA** YVVC, Caracas, APR 23 0017-0021 – fast Spanish talk, sporting event with a Maracaibo team, "goal" screaming; under WSKO/CFNW mix. Barbados not noted.
- 800 **NETHERLANDS ANTILLES** Trans-World Radio, PJB, Bonaire, APR 23 0016 – Southern US preacher; over VOWR light music and CJAD newstalk.
- 820 **ST. KITTS & NEVIS** Trinity Broadcast Network/R, Paradise, Charlestown, APR 23 0006 – West Indian accent male preacher with piano accompaniment, God referred to as "the alpha and the omega" (beginning and end); good, over 819 het.
- 820.2 **UNID** APR 23 0058 – growl against strong St. Kitts. This has been Venezuela (YVXG, Coro) in the past.
- 840 **HAITI** 4VEH, Cap Haitien, APR 23 0059 – 5 notes (reminiscent of a part of "Jingle Bells"), then "Vous ecoutez 4VEH, la voix..." Folk guitar followed. Over Brazil, others.
- 860 **BRAZIL** R. CBN, ZYJ459, Rio de Janeiro, APR 23 0058 – clear Radio CBN ID, Portuguese talk by man, then woman; well over apparent Venezuelan.
- 895 **ST. KITTS & NEVIS** V. of Nevis, Bath Village, APR 23 0011 – Caribbean accent advert about ready-made kitchen appliances, prices in dollars; fair.
- 1100 **BRAZIL** R. Globo, ZYK694, Sao Paulo, APR 23 0053 – man & woman in Portuguese with Sao Paulo mentions; fair.
- 1110 **VENEZUELA** R. Carupano, YVQT, Carupano, APR 23 0000 – boisterous ID "en Venezuela, Carupano!", good, way over others.
- 1140 **VENEZUELA** La Voz del Caribe, Pontamar, APR 22 2358 – Isla Margarita and Radio Portamar mentions; briefly atop CBI.
- 1149.44 **UNID** APR 23 0056 – weak het of unknown origin.
- 1150 **VENEZUELA** (probably) YVMY, Punto Fijo, APR 22 2358 – Venezuela and apparent R. Nacional mentions; briefly over domestic pile.
- + APR 23 0056 – Maracaibo mentions during sports coverage; over WTTTT/others.
- 1160 **BERMUDA** VSB3, Hamilton, APR 23 0055 – British woman in BBC World Service programming; briefly popping through generally-stronger WSKW.
- 1180 **UNID**'s APR 23 0055 – total jumble and a 1180.14 off-channel growl.
- 1200 **VENEZUELA** R. Tiempo, YVOZ, Caracas, APR 23 0052 – telephone numbers "en Caracas"; briefly over WKOX.
- 1220 **BRAZIL** R. Globo, ZYJ258, Rio de Janeiro, APR 23 0056 – Portuguese talk with Sao Paulo mentions, Globo jingle, ID, reverberated advert; fair over jumble.
- 1280 **BERMUDA** VSB2, Hamilton, APR 23 0045-0049 – religious talk, hymn; to good peak over Maine sports, French talker, and Spanish (WADO or WCMN).
- 1339.4 **UNID** APR 23 0050 – weak het against 1340.0 domestic pile.

DX FORUM

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Deadlines: 6/14, 6/28, 7/12, 7/26 and 8/23

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A piece of radio history has bit the dust, at least on the AM side. In March, WJL 1430 was sold by Bonneville International to a local outfit, which also owns WWOZ 1510 Highland, IL. The AM station

had been one of Bonneville's underperforming stations. The new owners have changed the calls to KZQZ, and moved the Oldies format from 1510. The Classic Country format was adopted by WWOZ. The slogan is "Cool Oldies 1430", and also includes clips from the old KXOK 630. The format is not the standard "cookie cutter" Oldies format; the music is independently programmed by the owners (in other words, no expensive consultants). WJL is still on the FM side at 92.3 with a Hot Country format. There had been rumors that Bonneville wanted to buy KJSL 630, but Crawford Broadcasting wouldn't budge. KJSL and sister station KSTL were rumored to be going to "HD Radio", but have not done so. KJSL is still in mono, and KSTL is still in AM Stereo. Speaking of AM Stereo, reporters on the AM Stereo list servers are saying that the Sangean HDT-1 not only receives the flawed "HD Radio" system, but also C-QUAM AM Stereo. I read where WEW 770 and KRFT 1190 have gotten their construction permits for full-time facilities. The nighttime power increase at KRFT will give ESPN a stronger signal in the St. Louis area, after leaving one strong signal (KFNS 590/100.7) for a weaker signal (KSLG 1380). I also read where KHOJ 1460 has gotten its CP for 350 watts at night; this will probably make for a stronger signal into my QTH. Their 85-watt night signal, while weak, is dominant on the frequency. The reason why simulcast partner WRYT 1080 never went full-time was that the area in which the new site was planned for was in a marsh area off State Road 157 near Collinsville. So, they're still on the four-tower array at Interstate 55 and State Road 143 northeast of Edwardsville at 500 watts daytime only. With KMOX now wasting valuable spectrum with its digital signal (giving WRYT fits west of the Mississippi), the KHOJ signal is needed for their programming. The station's transmitter site is still on Highway 94 in Boschertown; the programming originates from Covenant Network's studios in south St. Louis. A re-introduction: I'm now 41 years old, single, working as the morning DJ for WSJE 88.7 Edwardsville, IL while helping my father take care of my mother, who has been dealing with a form of ALS (Lou Gehrig's Disease) since May 1997. I'm involved in Amateur Radio, especially on the VHF side, and will be completing a Bachelor's degree in Geography with emphasis on weather and climate in December. Speaking of WSJE, the station has been selected as the flagship station for the Gateway Grizzlies baseball games; they're in the Class A Frontier League, playing out of Saugeit, IL. The games will also be carried over the air on KJFF 1400 Festus, MO, and on KMOX's internet stream. The other Frontier League team in the St. Louis area, the River City Rascals, will be carried over KFAV 99.9 Warrenton, MO; the team plays out of O'Fallon, MO. Sister station KWRE 730 has been noted carrying St. Louis Cardinals baseball. 73 from NOUJH.

IRCA TECHNICAL COLUMN

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Supercharging the ICF-2010: A 19.5' Loopstick Transplant

by Gary DeBock (D1028Gary@aol.com)

The Sony ICF-2010 has long been a favorite portable receiver among AM-DX enthusiasts, providing unusually competitive performance even by current standards. Although 28 years have passed since its design and initial production, the "2010" has come to symbolize the epitome of portable receiver performance for many AM-DXers, with sensitivity generally acknowledged to be at or near the top of the currently available portable group.

My own experience with the ICF-2010 has been typical of those who depend on it as a sensitive, selective portable with effective SSB and Synchron functions, plus enough memories to check all the transoceanic carriers of interest during sunrise or sunset DXing sessions. Its effectiveness and reliability were shown here during the recent fall DX season, in which it was used to receive 41 TP stations, mostly barefoot, but occasionally with the help of the Quantum Loop 2.0+ amplified ferrite rod system.

A Tiny Radio Provokes an AM-DX Boom: At the end of the fall DX season, however, a small pocket radio with an astonishingly small stock antenna shocked me by receiving three AM stations in Japan and South Korea, all well over 5,000 miles (8,000 km) distant. The TP signal level provided by this amazing Sony SRF-59 Walkman radio could not compare with that of the ICF-2010, of course-- but what would happen if the SRF-59 (with its tiny stock 1.75" loopstick), was given an antenna like that of the 2010 (a 6.25" loopstick)? Would the tiny Walkman become as sensitive as the ICF-2010? Although I knew absolutely nothing about loopstick transplants, I was determined to learn all I could, and find the answer to my question! Conducted over the past six months, my experiments eventually led to boosting the sensitivity of an SRF-59-related pocket radio (the SRF-39FP) well past the level of the classic ICF-2010. As reported in a companion article, "Mega-Loopstick Transplants—Portable DX Sensitivity on Demand," with huge loopsticks of 14" and 20" replacing the ridiculously small stock antenna, the new "supercharged" Ultralights were providing reception of stations stuck in the stock 2010's noise level.



Those experiments eventually led me to wonder whether the 2010 itself might gain significant sensitivity by receiving a larger ferrite bar antenna. Accordingly, a decision was made to transplant a large 19.5" loopstick directly into the ICF-2010 modified ICF-2010 presumably have a great sensitivity edge over a stock unit, but hopefully it would also demonstrate to the general AM-DX community that large loopstick transplants are an effective way to greatly boost the sensitivity of any portable, not just the Ultralights.

Loopstick Transplant Theory: Extensive experimentation with windings on the radio's stock loopstick, observe and record all the inductances across all the loopstick and the radio, and then create a longer but electrically identical "copy" of the stock loopstick with at least one movable coil to obtain the perfect match of the total inductance of the stock loopstick during the alignment process. Using these simple procedures, loopstick transplants become very routine, and the hobbyist can essentially "order up" as much DX sensitivity as he desires, in any portable radio design he wishes to "supercharge"... a truly exciting concept!

The ICF-2010 Stock Antenna: The 2010 stock loopstick is an unusual fixed-coil type, with no possibility of alignment, and has an equally unusual snap-in design. The ferrite bar is a 6.25" by 3/8" cylindrical type, identical to that used in the ICF-S5W, TR-6400 and other Sony classic AM-DX portables. Two fixed coils are used: a very large center coil of 1.314 mH inductance, and a much smaller end coil of .013 mH inductance. With no alignment system, Sony has designed the 2010 loopstick to provide these exact inductances with no deviation, a fact that the hobbyist must always remember as a large transplant is constructed. It is desirable, however, to use a movable form for the smaller (end) transplant coil, to provide a new alignment system that minimizes spurious signal reception from the new "monster" loopstick

The "Plan of Attack": Based on Ultralight hot-rod-ding experience, it was clear that this type of antenna was very easily duplicated electrically, and that the original loopstick could be recycled in its entirety. When combined with two long ferrite bars on the sides, the long stock coil's inductance would rise, necessitating only the removal of a few turns of wire to get its inductance back to the stock 1.314 mH value. The wire of the smaller coil could also be recycled on a new homemade movable form, with a few turns of wire subtracted to compensate for its increased inductance on the longer ferrite bar (to get its value back to .013 mH). Alternatively, a small ready-made vintage coil salvaged from an old radio could be used for the smaller coil, with the inductance matched by subtracting turns until an LCR meter showed .013 mH. With a ready-made coil, a movable form and even with wax to secure the turns, this option would save a lot of time.

Mechanically, however, the challenge was much more formidable. The ICF-2010, as a classic AM-DX portable, was not a suitable candidate for crude drilling and cutting modifications. Such rude treatment would undoubtedly be regarded as a sacrilege by many traditionalists, regardless of any resulting sensitivity improvement. In addition, the ICF-2010 cabinet is packed tightly with components, making it awkward to install any type of antenna-mounting post.

The final solution was to use the only available sizable space (the 6" x 5" flat space at the front of the left side panel) to mount a somewhat flexible flat PVC antenna-mounting post. This would not only avoid major surgery on the venerable ICF-2010 cabinet, but it would also provide a measure of flexibility in helping the somewhat fragile 19.5" loopstick survive minor shocks. A system of antenna rotation could also be provided.

Ultra-Sensitivity Has "Side-Effects" – Look Before You Leap! The ICF-2010 is generally a well-behaved receiver with decent stock resistance to images and spurs, but it is not perfect. It is subject to minor spurs and mixing products in suburban environments, and more severe issues in urban areas. It also has a congenital issue of internally-generated spurs 25 kHz above and below strong locals (there is a modification to cure this). Hobbyists should be advised that huge loopstick transplants magnify everything... DX, locals, and any spurs or mixing products. Pre-existing issues become much more noticeable, so before performing the transplant, be willing to accept the consequences of a major sensitivity boost.

Transplant Material Required: The stock loopstick can be entirely recycled in the new transplant antenna, becoming the center portion of a new, 19.5" long monster bar. In this case, two blank ferrite bars of either 6.25" (or 7") by 3/8" are needed, and these can be taken out of vintage portables like the Channel Master "Super Fringe" or Sony 6R-33 (commonly available on eBay). Alternatively, the hobbyist may order three new blank 7.5" by .5" ferrite bars from Amidon (at \$20 apiece), but the final loopstick length will be slightly longer and will require the hobbyist to use an LCR meter to adjust his new coils to the stock inductances. There is no limit to the loopstick length possible in this approach—the only limitations being the financial resources and mechanical ingenuity of the hobbyist. Since ferrite is actually a quite brittle material, however, builders are strongly cautioned to use generous quantities of rubber bracing to ensure survivability.

Besides long ferrite bars, a hobbyist will need a small quantity of tough reinforced wrapping tape, a 7" x .5" flat section of PVC (usually taken from a PVC speed square), a 7" length of .5" inner diameter rubber air hose, a 5" x .75" PVC plumbing tee, heavy-duty epoxy cement (or super glue), 9" of small-diameter shrink tubing (if desired to cover antenna leads), a homemade form for the smaller coil (cardboard or tape, with adhesive out), and wax, tape or glue to secure the smaller coil in place. If a rotating antenna system is desired, extra lengths of Litz wire may be necessary to provide desired slack.

Tools and equipment required are a low-wattage (25W or less) soldering iron, solder, a hacksaw, scissors, and (if a loopstick other than the 19.5" model is desired) an LCR meter. (ed. note: Gary mentions that he uses the BK Precision model 875B LCR meter, retailing for about \$190 at Mouser Electronics. He also mentions that Steve Razzlaff prefers the AADE model IIB, retailing for \$129.95 at <http://www.aade.com>, for greater accuracy.)



Summary of Constructing the New Mega-Loopstick: (detailed instructions available on request) The recycled stock loopstick is augmented by two blank ferrite bars on the sides, providing a final length of 19.5". Turns are subtracted from the stock center coil to restore inductance to 1.314 mH. The smaller coil is relocated on one of the blank ferrite bars, with a movable form to provide an alignment system to maximize spurious signal rejection. The loopstick is mechanically mounted on a flat PVC post attached to the cabinet's left side, with a plumbing tee attached to the PVC post at a reinforced loopstick joint position. A slot for antenna wire routing is provided by opening a small slot with a hacksaw in the cabinet's upper left corner. Rotation of the antenna is possible, if desired.

Performance Improvement Over Stock Unit: As might be expected, the 19.5" loopstick provides an astounding increase in the ICF-2010's sensitivity to weak DX signals. The modified 2010 frequently can provide weak audio on TP signals received only as carriers on the stock unit, and can often provide AM-mode audio reception of weak daytime DX signals completely inaudible on the stock unit. The modified ICF-2010 clearly outperforms the stock unit on all MW frequencies, although the lower-band sensitivity edge is particularly striking. The hobbyist probably will conclude that the low-band DX performance is on a completely new level, unlike any SSB-equipped stock portable.

As mentioned previously, the large loopstick will increase the strength of all signals—DX, locals, and any pre-existing spurious products. Perhaps because of the ICF-2010's vastly superior selectivity relative to the Ultralight radios, the 2010 handles the increase in locals' strength much better than do the modified pocket radios, and increased local slop is not a serious problem in my suburban location. Urban DXers, however, may discover that the increased strength of locals and their spurious products is an unavoidable side-effect of vastly increased sensitivity, with the tradeoff being far better DX reception on the unaffected frequencies.

Performance Relative to an ICF-2010 plus Quantum Loop Combination: The long loopstick-assisted 2010's huge DX performance improvement over the stock unit was, of course, expected. A far more challenging test would be to compete with an ICF-2010 assisted by a separately tuned Quantum Loop 2.0+ system (an excellent amplified ferrite rod product produced by Gerry Thomas Radio Plus Electronics). Since the Quantum Loop is both tuned and amplified, it would provide a stiff sensitivity test for the new 19.5" loopstick. However, if the experimental antenna was indeed competitive with this popular DXing accessory, the new mega-loopstick would save considerable time and effort in avoiding the need for separate tuning. For DXpeditions and other urgent DXing situations, this would provide a significant improvement in operating convenience. Accordingly, a full daytime DX "shootout" with a Quantum Loop 2.0-assisted ICF-2010 was scheduled. Following the recommendation of Gerry Thomas, the "Quantum Coupler" unit would be used to inductively transfer the QL's signal to the separate ICF-2010. Another recently "supercharged" portable, the 20" loopstick-possessing Sony SRF-39FP "pocket radio" would also be joining in the fray, as well as a stock ICF-2010, for comparison purposes only. New batteries and operational checks were provided prior to the "shootout," to ensure that the results would be trustworthy.

Monster Portable Shootout: The four units were tested in average daytime DX conditions, competing to receive eight very weak fringe stations in the author's suburban location of Puyallup, Washington (30 miles south of Seattle). The following chart details the signal strength and quality of the individual receptions, with "0" representing no reception, and "10" representing extremely strong reception.

	Stock ICF-2010	2010 + QL Combo	19.5" Loopstick 2010	20" SRF-39FP
550-KARI	mod. carrier (0)	weak audio (2)	weak audio (2)	weak audio (2)
590-KUGN	weak carrier (0)	strong carrier (0)	strong carrier (0)	vy. weak audio (1)
610-KONA	weak audio (2)	mod. audio (4)	mod. audio (4)	mod./strong (5)
810-KTBI	weak carrier (0)	weak audio (2)	weak audio (2)	weak/mod. (3)
1070-CFAX	weak audio (2)	mod./strong (5)	mod./strong (5)	strong audio (6)
1410-CFUN	vy. weak audio (1)	weak/mod. (3)	weak/mod. (3)	weak/mod. (3)
1510-KGA	weak carrier (0)	strong carrier (0)	vy. weak audio (1)	vy. weak audio (1)
1640-KDZR	weak carrier (0)	weak audio (2)	weak/mod. (3)	weak/mod. (3)

Final Sensitivity Summary: The 2010+ QL combo and the 19.5" loopstick 2010 provide extremely close reception capabilities on all frequencies throughout the lower and middle portions of the band, but the 19.5" loopstick model has a slight but definite advantage on the high band (the QL was separately peaked for each frequency). The 20" loopstick SRF-39FP unit provides extremely sensitive reception throughout the band, but suffers more from local slop and spurious signals than do the ICF-2010 units. The stock ICF-2010 is clearly not competitive in sensitivity with the other units.

Final Selectivity Summary: Surprisingly, the addition of the 19.5" loopstick has not had any negative impact on the selectivity of the modified unit, compared to the stock 2010. Local slop is exactly the same on both units, and no additional frequencies were degraded due to splatter. This situation contrasts significantly with the 20" loopstick SRF-39FP, which suffers significantly more from local slop than does a stock unit.

Individual Defects Noted: Both the stock 2010 and the 19.5" loopstick 2010 suffer from the same spurious signals on two frequencies. These are a KZLZ-1560 spur on 1420, and a KHHO-850 spur on 1620. The separately-tuned QL provides some reduction in the strength of these spurs, provided that its loopstick is directed away from the offending local. The 20" loopstick SRF-39FP has several minor spurs adjacent to locals, but these can be minimized by nulling the offending local.

Shootout Final Summary: The 19.5" loopstick ICF-2010 provided unsurpassed reception among the digital units, on all frequencies. Its high-band reception advantage over the QL combo is slight but definite, and its convenience advantage over the separately-tuned combo is obvious. Multiple memories can be checked instantly, and the unit is entirely self-contained, requiring no separate batteries or equipment. The QL combo, however, is an effective DX system for those unable or unwilling to perform a transplant, and who don't mind the separate tuning requirement. The 20" loopstick SRF-39FP "pocket radio" is unsurpassed in sensitivity on open frequencies, but its lack of digital readout and modest selectivity limit its ability to perform in tough DXpedition environments.

Conclusion: The ICF-2010's experimental 19.5" loopstick has surpassed all expectations, providing a level of DX performance far superior to that of the stock unit, or of any other stock portable. With simple, inexpensive parts, the hobbyist can boost the sensitivity level of his ICF-2010 to be equal or superior to that provided by a Quantum Loop, or other externally tuned accessories. While requiring some construction and adjustment time, the payoff in DX performance is impressive, with the ability to instantly check multiple memories and carrier levels during DXpeditions. With a sensitivity level unprecedented in stock units, it has outstanding capability as a "spotting receiver" for the Ultralight radios, and as a stand-alone DX receiver in its own right.

This project has been very enjoyable and rewarding for the author, who sincerely hopes that other AM-DX hobbyists will enjoy the thrill and satisfaction of "supercharging" their own ICF-2010, into an unprecedented level of DX performance.



(A more detailed version of this article can be found at: http://www.dxer.ca/index2.php?option=com_docman&task=doc_view&gid=128&Itemid=77;
http://www.dxer.ca/index2.php?option=com_docman&task=doc_view&gid=128&Itemid=77.)

SPORTCHANNELS IRCA

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Aloha. So, did you spend your tax rebate on an Ultralight receiver, antenna system or recording software? Me, I sent it back as my estimated tax payment (sob). Anyhoo, here's the info I have laying around as of 6/01/08—

MAJOR LEAGUE BASEBALL

Colorado ROCKIES	610	KCSR-NE	1240	KASL-WY	1410	KWYO-WY	95.7	KCGM-MT
630	KHOW-CO b	1240	KRAL-WY	1450	KBFS-SD	96.7	K244CI-CO r	
650	KGAB-WY	1260	KPOW-WY	1450	KBBS-WY	99.1	KWYW-WY	
730	KLOE-KS	1270	KIML-WY	1450	KVOW-WY	100.1	KMMR-MT	
850	KOAC-CO	1290	KOWB-WY	1470	KKTY-WY	102.3	KSPK-CO	
950	KMIER-WY	1340	KTMM-CO	1490	KBSR-MT	103.1	KOAL-MT x	
960	KNEB-NE	1340	KYCN-WY	1490	KUGR-WY	103.1	KYDT-WY	
1010	KSIR-CO	1350	KGHF-CO	—FM—	104.9	KLQQ-3-WY		
1050	KAMTA-MT	1350	KABQ-NM	93.7	K229AI-CO r	105.5	K288DA-CO r	
1230	KBCR-CO	1400	KXGN-MT	106.1	KNFO-CO	106.1	KNFO1-CO	
1230	KHDN-MT	1400	KCOW-NE	93.9	K230AN-CO r	106.1	KNFO1-CO	
1230	KDIX-ND	1400	KKTL-WY	94.3	K323AD-CO r	107.5	K298AT-CO r	

MAJOR LEAGUE BASEBALL

Jeff Kingery, Jack Corrigan

x – Not listed by the FCC.

Detroit TIGERS

590	WKZO-MI	1270	WMKT-MI	1380	WSCG-MI
730	WVFN-MI	1270	WXYT-MI	1380	WPHM-MI
790	WSGW-MI	1290	C.JBK-ON	1400	WCCY-MI
930	WBCK-MI	1310	WCCW-MI	1400	WSJM-MI
940	WIDG-MI	1320	WDMJ-MI	1450	WHTC-MI
1050	WTKA-MI	1330	WTRX-MI	1450	WIBM-MI
1230	WSOO-MI	1340	WBBL-MI	1470	WLQR-OH
1230	WMSH-MI	1340	WCSR-MI	—FM—	
1240	WATT-MI	1340	WMBN-MI	96.1	WMLR-OH
				96.9	WLAV-MI
				97.1	WXYT-MI r
				97.3	WDEE-MI
				97.5	WDFG-MI
				97.7	WMLQ-MI
				97.7	WTGV-MI

Dan Dickerson, Jim Price

Kansas City ROYALS

Table listing Kansas City Royals stations, call letters, and frequencies. Includes stations like WIBW-KS, KXSP-NE, KFSP-MO, etc.

b - Back-up for KCSP for Sun. games only. c - Listed as SS. B - Back-up for KFPW.

Los Angeles DODGERS Vin Scully, Rick Monday, Charley Steiner-h + some a, Jerry Reuss-some a

Table listing Los Angeles Dodgers stations, call letters, and frequencies. Includes stations like KAVL-CA, KABC-CA, KBOV-CA, etc.

Milwaukee BREWERS

Table listing Milwaukee Brewers stations, call letters, and frequencies. Includes stations like WSAU-WI, WMAW-WI, WKTY-WI, etc.

d - Daytime games only.

Philadelphia PHILLIES

Table listing Philadelphia Phillies stations, call letters, and frequencies. Includes stations like WJL-PA, WEEU-PA, WHLM-PA, etc.

Pittsburgh PIRATES Larry Frattare, Greg Brown, Bob Walk, Steve Blass-h, John Wehner-a + some h

Table listing Pittsburgh Pirates stations, call letters, and frequencies. Includes stations like WMB-PA, WFRM-PA, WJAW-WV, etc.

COLLEGE BASEBALL

Table listing college baseball stations, call letters, and frequencies. Includes Alabama Crimson Tide, Arkansas Razorbacks, Clemson U. Tigers, etc.

Don Munson and/or Bob Mahony

Table listing college baseball stations, call letters, and frequencies. Includes WKDK-SC p, WQSC-SC, etc.

SYNDICATOR: Learfield/ISP Sports

Mississippi REBELS

Table listing Mississippi Rebels stations, call letters, and frequencies. Includes WHBQ-TN, WAVN-MS, WRQB-MS, etc.

SYNDICATOR: TeleSouth Broadcasting. NOTE: Only WTNM-FM carries a complete schedule. e - Listed as Spanish. f - SEC and post-season games only.

Mississippi SU BULLDOGS

Table listing Mississippi SU Bulldogs stations, call letters, and frequencies. Includes WHBQ-TN, WTNA-MS x, WJDX-MS, etc.

NOTE: Only WFCA-FM carries a complete schedule. x - Not listed by the FCC.

Nebraska CORNHUSKERS

Table listing Nebraska Cornhuskers stations, call letters, and frequencies. Includes KCSR-NE, KTIC-NE, KRVA-NE, etc.

Greg Sharpe, Lane Grindie, Adrian Fiala-p

Table listing Nebraska Cornhuskers stations, call letters, and frequencies. Includes KUVR-NE, KBRB-NE, KHAS-NE, etc.

Mike Parker/Ron Callan

Table listing Nebraska Cornhuskers stations, call letters, and frequencies. Includes KKNX-OR g, KICE-OR, KEJO-OR, etc.

690	WSPZ-AL p	Alabama-Birmingham	BLAZERS (15 games)	David Crane	88.1	WKNC-NC	North Carolina SU WOLFPACK	Gary Hahn, Tony Haynes, Dave Slade
1290	KCUB-AZ p	Arizona WILDCATS		Brian Jeffries	1310	KFKA-CO	Northern Colorado BEARS	Chris Ott, Kyle Schwartz
1060	KDUS-AZ p	Arizona SU SUN DEVILS	Tim Healey/Jeff Munn, Bob Eger		95.3	KQMG-IA p	Northern Iowa PANTHERS	Gary Rima, Dallas Kincaide-p
1440	KAZG-AZ	(back-up)			89.3	WNUR-IL p	Northwestern U. WILDCATS	UNAVAILABLE
103.9	KJCF-AR p	Arkansas SU INDIANS	Rod Bramblett, Andy Burcham, Brad Law	Matt Stolz	1490	WDND-IN	Notre Dame FIGHTING IRISH	Sean Stires/Shawn Lewallen
97.7	WKKR-AL	Auburn U. TIGERS			1620	WWLV-IN	(back-up)	
96.7	WMXA-AL	(network)			970	WATH-OH p	Ohio U. BOBCATS	Caleb Troop, Brian Boesch
91.3	WCRD-IN p	Ball SU CARDINALS (h + select away)	Joel Nickels, Chris Lowry		105.5	WXTQ-OH	(back-up)	UNAVAILABLE
1600	KRZI-TX	Baylor U. BEARS	Tom Barfield, Lark Smith	UNAVAILABLE	920	WNNI-OH p	Ohio SU BUCKEYES	Chuck Kelly, DeWayne Vaughn-p
1440	KSRR-UT p	Brigham Young U. COUGARS (17 gs + postseason)			1520	KOKC-OK p	Oklahoma SOONERS	Rex Holt, Matt Davis
91.9	KCSB-CA p	Calif.-Santa Barbara GAUCHOS	Rob Garcia		93.7	KSPI-OK	Oklahoma SU COWBOYS	Loren Crispell
1280	KXTK-CA p	Calif. Poly. SU MUSTANGS	Tom Barkett		780	KSPI-OK d	(back-up, day games only)	UNAVAILABLE
740	WWTM-FL p	Central Florida KNIGHTS (19 gs)	Marc Daniels		970	WBLF-PA p	Pennsylvania SU NITTANY LIONS	UNAVAILABLE
1620	KOZN-NE p	Creighton BLUEJAYS (23 gs + postseason)	John Bishop	UNAVAILABLE	1410	WSHY-IN p	Purdue U. BOILERMAKERS	Matt McCabe, David Saltzman
98.1	WUDR-OH h	Dayton FLYERS			91.7	KTRU-TX p	Rice U. OWLS	UNAVAILABLE
99.5	W258AL-OH r	(relay)			740	WRNR-WV p	Shepherd U. RAMS	Tyler Merriam
1400	WKPT-TN p	East Tennessee SU BUCCANEERS (20 gs)		UNAVAILABLE	910	KJQJ-SD p	South Dakota SU JACKRABBITS	
1590	WKTP-TN r	(relay)			1430	KBRK-SD p	(back-up)	
97.7	W249AH-TN r	(relay)			1240	KCCR-SD p	(network)	
91.5	WUEV-IN	Evansville PURPLE ACES	Mike Crowley		1010	WQYK-FL	South Florida BULLS Jim Louk/Garrett Walvoord/Austin Bush/Mike Pepper	Erik Sean
850	WRUF-FL	Florida GATORS	Mick Hubert/Steve Russell, Steve Babik, Nick Belmonte, Jeff Cardozo, Bob White		1220	KGJR-MO	Southeast Missouri SU REDHAWKS	
103.7	WRUF-FL	(back-up)			1470	KMAL-MO r	Southern Illinois U. SALUKIS (day games only)	Mike Reis
1270	WNLS-FL	Florida SU SEMINOLES	Tom Block, Eric Luallen		1020	WCIL-IL d	(postseason night games only)	
100.7	WFLA-FL	(back-up)			95.1	WUEZ-IL p	Southern Mississippi GOLDEN EAGLES	UNAVAILABLE
580	KMJ-CA	Fresno SU BULLDOGS	Paul Loeffler-p, Ray O'Campo-p	UNAVAILABLE	104.5	WXRR-MS p	Stanford U. CARDINAL	UNAVAILABLE
960	WRF-CGA	Georgia BULLDOGS			90.1	KZSU-CA p	Tennessee VOLUNTEERS (up to 43 gs)	John Wilkerson, Kyle Hixson-p
103.7	WPUP-GA	(back-up for one game)			990	WNML-TN p	(relay)	
102.9	WPMX-GA	Georgia Southern U. EAGLES	Ryan Chambers		99.1	WNML-TN r	(relay)	
790	WQXI-GA	Georgia Tech. U. YELLOWJACKETS	Don Robbs, Scott Robbs-p		1300	KVET-TX	Texas LONGHORNS	UNAVAILABLE
91.1	WREK-GA	(campus radio)			1620	WTAW-TX	Texas Agric. & Mech. U. AGGIES	Dave South, Scott Clendenin, Chuck Glenewinkel
1420	KKEA-HI p	Hawaii'i RAINBOWS	Don Robbs, Scott Robbs-p		1150	KZNE-TX	(back-up)	
850	KHLO-HI h	Hawaii'i-Hilo VULCANS	Josh Pacheco		1340	KKAM-TX	Texas Tech. U. RED RAIDERS	Robert Giovannetti, Matt Miller
790	KKON-HI r	(relay)			1450	WQNT-SC p	The Citadel BULLDOGS	Darren Goldwater
1500	KUMU-HI h	Hawaii'i Pacific U. SEA WARRIORS	Chuck Miske		1420	KSTN-CA	The Pacific TIGERS (26 gs)	Mike Millerick
1340	KVNN-TX p	Houston-Victoria JAGUARS	UNAVAILABLE		94.7	WTBF-AL	Troy U. TROJANS	Barry McKnight, Jerry Miller
1400	WDWS-IL p	Illinois FIGHTING ILLINI	Dave Loane		101.7	WBUB-VA n	Virginia Tech HOKIES (45 gs combined; night gs only)	UNAVAILABLE
1230	WJBC-IL p	Illinois SU REDBIRDS	Zach Parcell		1460	WRAD-VA d	(day games only)	
800	KXIC-IA	Iowa HAWKEYES	Brent Balbinot, Troy Wulf-p, Kurt Vitiense-p		1150	KKNW-WA p	Washington HUSKIES (20 gs)	UNAVAILABLE
1320	KLWN-KS p	Kansas JAYHAWKS	Brent Balbinot, Troy Wulf-p, Kurt Vitiense-p		880	KXII-WA	(back-up)	
1350	KMAN-KS p	Kansas SU WILDCATS (42 gs)	Tom Hedrick, Brian Hamni-p		1150	KQQQ-WA	Washington SU COUGARS (45 gs)	Steve Grubbs
630	WLAP-KY	Kentucky WILDCATS	Matt Walters, Brian Smoller, Ryan Lackey-r, Wyatt Thompson (5 gs)	Neil Price	1440	WAJR-WV p	West Virginia U. MOUNTAINEERS	UNAVAILABLE
1080	WXRA-KY	(back-up)			91.7	WVU-WV	(campus radio)	
1580	WKJK-KY	(network)			1330	KNSS-KS p	Wichita SU SHOCKERS	Mike Kennedy/Shane Dennis, Terry Elliot
950	KOZE-ID	Lewis-Clark SC WARRIORS			1240	KFH-KS	(back-up)	
107.3	WDGL-LA	Louisiana SU TIGERS			98.7	KFH-KS	(back-up)	
97.7	KNBB-LA	Louisiana Tech. U. BULLDOGS (WAC + select non-league gs)	Dave Nitz	UNAVAILABLE	1590	KYNG-AR	EMISIONES DE BÉISBOL UNIVERSIDAD EN ESPAÑOL	Carlos Chicas, José Lopez
102.1	WGUJ-ME p	Maine BLACK BEARS	UNAVAILABLE		1580	KHGG-AR	RAZORBACKS de Arkansas	(cadena/network)
910	WABI-ME	(back-up)			102.5	WPIK-FL p	HURACANES de Miami	UNAVAILABLE
88.1	WMUL-WV h	Marshall U. THUNDERING HERD	UNAVAILABLE		105.5	WWMK-FL p	(cadena)	
91.3	KMSA-CO p	Mesa SC MAVERICKS (Fri & Sun only)	UNAVAILABLE		1450	KLZS-OR p	CASTORES de Oregon SU (weekend h only)	Juan de Dios Andrade
560	WQAM-FL p	Miami HURRICANES Joe Zagacki, Josh Darrow, Brian "The Beast" London	Alex Kusnel		1040	KXPD-OR p	(cadena)	
90.5	WVUM-FL	(campus radio)			101.7	KLES-WA p	(cadena)	
88.3	WGBN-MI p	Michigan WOLVERINES	UNAVAILABLE		1230	WFOM-GA	WOMEN'S NATIONAL BASKETBALL ASSOCIATION	
1220	KLBB-MN p	Minnesota GOLDEN GOPHERS (37 gs)	Tex Little, Hudson Guthrie		1340	WALR-GA r	Atlanta DREAM	Art Eckman
1580	KTGR-MO	Missouri TIGERS			UNAVAILABLE		Chicago SKY	
900	KFAL-MO p	(network)			1310	WDTW-MI	Detroit SHOCK	Matt Shepard, Matt Dery
950	KWOS-MO p	(network)			1070	WFNI-IN	Houston COMETS	Kevin Lee, Jane Schott
99.9	KBFL-MO p	Missouri SU BEARS (41 gs + postseason only)	Art Hains, Rob Evans		UNAVAILABLE		Indiana FEVER	Larry Burnett
1060	KBFL-MO r	(relay)			106.1	KLCI-MN	Los Angeles SPARKS	Alan Horton
98.7	KWTO-MO b	(back-up)			UNAVAILABLE		Minnesota LYNX	
630	KPLY-NV p	Nevada WOLF PACK	Dan Gustin, Don Marchand		UNAVAILABLE		New York LIBERTY	
1450	KHIT-NV b	(back-up)						
1400	KSHP-NV	Nevada-Las Vegas REBELS (17 gs + postseason only)	UNAVAILABLE					
570	KSNM-NM p	New Mexico SU AGGIES	Jeff Matthews, Kyle Doperalski-p					

UNAVAILABLE
1140 KHTK-CA
760 KTKR-TX
1150 KKNW-WA

No radio for Connecticut SUN, Washington MYSTICS.

Phoenix MERCURY
Sacramento MONARCHS
San Antonio SILVER STARS
Seattle STORM

Kevin Ray
Jim Kozimor, Krista Blunk
UNAVAILABLE
Dick Fain, Adia Barnes

MAJOR LEAGUE SOCCER

Chicago FIRE (Spanish)(non-Thurs. games)
Club Deportivo CHIVAS USA (Spanish only)

Oscar Guzman, Nilton "Batata" DaSilva, Enrique Fernandez-sides
Jacek Zielinski, Leszek "Lester" Dorosz

Hipolito Gamboa and Rigoberto Cervantez
Carlos Nuno, Andres Pedraza
Neil Sika, John Bluem-h
(Spanish) Marcelo Carrera, Eduardo "Eddie" Carvacho, Benny Pietrangolo
Tony Limarzi, Alex Caudana-ST
UNAVAILABLE

Colorado RAPIDS (Spanish only)
Columbus CREW
D.C. UNITED
FC Dallas 96 (Spanish only)
Houston DYNAMO
Kansas City WIZARDS

Los Angeles GALAXY – (10 weekend gs only)
New England REVOLUTION
New York RED BULLS (Spanish only)
REAL Salt Lake
San Jose EARTHQUAKES
Toronto FC

Sean Wheelock, Bob Gansler-h, Bruce Arena-a (audio feed from TV)
UNAVAILABLE
Joe Tutino
Rolando "El Veloz" Gonzalez, Celso Gaspar
Brad Feldman, Greg Lalas-p
Ernesto Motta, Robert Sierra
Bill Riley, Brian Kamler
Luis Rivas, Nelson Moran
UNAVAILABLE

Albany CONQUEST
Amarillo DUSTERS
Arkansas TWISTERS
Austin WRANGLERS (ex-AFL)
Boise BURN
Bossier-Shreveport BATTLE WINGS
Central Valley COYOTES

Jacob VanRyn/Owen Newkirk
Nat Hall, Brad Fralick
Jake Hatley, Ray Tucker, Dick "Mackie" McDonald
(ex-AFL)
Scott Conklin
Darrrell Rebouche
Guy Haberman, Paul Swearingin-h, Bryan Whitemore-r

D.C. UNITED (Spanish)

1350 WYSK-VA
New England REVOLUTION
680 WRKO-MA b
850 WEEI-MA

1390 WZHF-VA
1440 WVEI-MA
103.7 WEEI-R

1600 WLXE-MD
FM-
105.5 WVEI-MA r

Corpus Christi SHARKS
Daytona Beach ThunderBIRDS (ex-WIFL THUNDER)
Florida FIRECATS
Iowa BARNSTORMERS (expansion team)
Lexington HORSEMEN (ex-UIF)
Louisville FIRE
Lubbock RENEGADES
Mahoning Valley THUNDER
Manchester WOLVES
Oklahoma City YARD DAWGZ
Peoria PIRATES (returning team)

Scott Howe
Frank Irizarry
Adam Mendelson, Dave Parks-h
Joe Stasi
UNAVAILABLE
Zach McCrite, Michael Vanover
Kurt Kiser, Chris Snead
Joe Aulizio, Christian Aleshire
Dick Lutsk
Brandon Rush
UNAVAILABLE

1200 WTO-IL
1030 WNVF-IL
690 XEWW-CA
1150 KNRV-CO
610 WTVN-OH
1550 WXOL-OH
1050 WFED-MD
1390 WZHF-VA
1540 KZMP-TX
790 KBME-TX p
950 KPRC-TX
850 KEYH-TX
1480 KCZZ-KS
1340 KDTD-KS
570 KLAC-CA p
1150 KTLK-CA
1330 KWKW-CA
850 WEEI-MA
680 WRKO-MA
1280 WADO-NY
92.7 WGBU-NY
700 KALL-UT
1600 KTUB-UT
1170 KLOK-CA
NONE

Quad City STEAMWHEELERS
Rio Grande Valley DORADOS
South Georgia WILDCATS
Spokane SHOCK
Tennessee Valley VIPERS
Tri-Cities FEVER
Tulsa TALONS
Wilkes-Barre/Scranton PIONEERS

Robert Hydrick-h, Tim Dix
Larry Weir, Paul Sorenson
Steve McElroy, J.J. Stokes-p
Mike Benton-p, Steve McElroy, J.J. Stokes-p
Thom Abraham
Michael McDonnal, Kelley Cheatwood
Rick Court
Rob Neyhard

Amarillo DUSTERS
1210 KGYN-OK
Bossier-Shreveport BATTLE WINGS
92.1 KYSR-LA
Wilkes-Barre/Scranton PIONEERS
910 WBZU-PA r
980 WILK-PA r

FM-
91.1 KWTU-TX
107.1 KPUR-TX
103.9 KMHT-TX
104.3 KGAS-TX
103.1 WILK-PA
FM-
103.1 WILK-PA

Billings OUTLAWS
Bloomington EXTREME
Colorado ICE
Omaha BEEF
River City RAGE
Sloux City BANDITS
Sloux Falls STORM

David Babcock, Dave Sibley
Greg Halbleib, Craig Fala
Mike Taylor
Matt SantaMaria, Mike'l Severe/Casey Knopik/Colby Laughhunn
Jeff Vernetti
Curtis Anderson, Jack Sell
Rich Roste, Shawn "Bubba" Bryant

at2 (ARENA FOOTBALL LEAGUE SECOND DIVISION)

88.3 WVCN-NY
107.1 KPUR-TX
103.7 KABZ-AR
UNAVAILABLE
1140 KGEM-ID
92.1 KYSR-LA
1430 KFIG-CA
790 KFPT-CA
1230 KSIX-TX
1340 WRDQ-FL
770 WWCN-FL p
1700 KBGG-IA
590 WVLK-KY
101.5 WVLK-KY
93.9 WQKC-IN
1450 WAGV-IN
1340 KKAM-TX
1240 WBBW-OH
1370 WFEA-NH
930 WKY-OK
1470 WMBD-IL

UNAVAILABLE
1140 KHTK-CA
760 KTKR-TX
1150 KKNW-WA

No radio for Connecticut SUN, Washington MYSTICS.

VERIFICATION SIGNERS

Stephen S. Howe – 9 Warner Drive – St. Albans, VT 05478-1575
E-mail: showe@csc.albany.edu

My deadline is the last Monday of the month at 1500 ELT.

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Kraig Krist; Manassas VA; kg4lac@yahoo.com
Patrick Martin, P O Box 843, Seaside OR 97138-0843; mwdker@webtv.net
IRCA ListServ

IRCA CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO
980 KFVB Julian Vega, CE; Los Angeles CA; P; 3; MF
1040 KURS [None]; San Diego CA; P; f; MF [Report sent to PD]
1070 KVKK Adam VanConant, Morning Show Personality; 11 SE Bryant Ave, Wadena MN 56482; LM; 7; PM
1070 KHMO Gary Glaenzer, CE; 119 N 3rd St, Hannibal MO 63401; IRCA
1070 KNTH Chuck Tiller, PD; 6161 Savoy Dr, #1200, Houston TX 77036-3363; LMB; 20; PM
1150 WGGH Jimmy Fishback, 1801 East Main St, Marion IL 62959; IRCA
1500 WLQV Dianne Stephan, Admin/Asst; Detroit MI; LM; 24ff; IRCA

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760 KTKR-TX
1150 KKNW-WA

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Tony Limarzi, Alex Caudana-ST
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San Jose EARTHQUAKES
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Bill Riley, Brian Kamler
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Austin WRANGLERS (ex-AFL)
Boise BURN
Bossier-Shreveport BATTLE WINGS
Central Valley COYOTES

Jacob VanRyn/Owen Newkirk
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Darrrell Rebouche
Guy Haberman, Paul Swearingin-h, Bryan Whitemore-r

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1150 WGGH Jimmy Fishback, 1801 East Main St, Marion IL 62959; IRCA
1500 WLQV Dianne Stephan, Admin/Asst; Detroit MI; LM; 24ff; IRCA

1580 CKDO Gerry Beinaide; 1200 Airport Blvd, #207, Oshawa ON L1J 8P5; Q; 11; KK
1630 KCJJ Tom Suter, GM; PO Box 2119, Iowa City IA 52244; Q; 46; KK

WHAT was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card or form supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies
WHEN the reply came: Number of days elapsed; f = Follow-up, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned
NOTES: None

Welcome to the column, Kraig! Report often. Looks like 1070 kHz was the hot frequency this month. This column was prepared on 6/1/08, 6 days later than normal due to the Memorial Day holiday. 73, SSH.

GEOMAGNETIC INDICES
Compiled by: Phil Bytheway
E-mail: phil_tekno@yahoo.com

Geomagnetic Summary January 16 2008 through May 31 2008 (it's been a while - pb)
Tabulated from email status daily.

Date	Flux	A	K	Space Wx
1/16	74	14	2	no storms
17	73	12	1	no storms
18	74	10	2	no storms
19	71	14	2	no storms
20	71	12	2	no storms
21	70	8	1	no storms
22	72	2	1	no storms
23	70	2	1	no storms
24	71	2	2	no storms
25	71	4	1	no storms
26	71	4	3	no storms
27	73	8	1	no storms
28	72	3	2	no storms
29	71	4	2	no storms
30	72	5	1	no storms
1/31	73	1	0	no storms
2/ 1	72	8	3	no storms
2	71	16	4	no storms
3	72	18	3	minor
4	71	13	3	no storms
5	71	10	1	no storms
6	71	3	1	no storms
7	72	2	1	no storms
8	71	5	1	no storms
9	71	5	2	no storms
10	72	5	2	no storms
11	73	19	3	minor
12	72	20	2	no storms
13	72	20	2	no storms
14	71	16	2	no storms
15	71	12	4	no storms
16	70	10	1	no storms
17	70	12	2	no storms
18	71	8	2	no storms
19	71	9	2	no storms
20	72	8	2	no storms
21	71	19	1	no storms
22	72	6	1	no storms
23	72	6	2	no storms
24	72	4	2	no storms
25	71	5	3	no storms
26	71	4	1	no storms
2/26	71	4	1	no storms

4/ 9	70	10	2	no storms
10	68	12	2	no storms
11	68	12	2	no storms
12	67	5	1	no storms
13	68	13	2	no storms
14	68	8	0	no storms
15	69	8	0	no storms
16	69	1	1	no storms
17	70	13	2	no storms
18	69	7	1	no storms
19	70	6	1	no storms
20	71	5	1	no storms
21	71	5	3	no storms
22	71	5	1	no storms
23	71	5	3	no storms
24	71	5	5	minor
25	71	27	2	minor
26	70	16	2	no storms
27	70	10	3	no storms
28	69	11	4	no storms
29	68	13	3	no storms
4/30	69	12	1	no storms
5/ 1	69	6	3	no storms
2	67	6	3	minor
3	68	12	1	no storms
5/ 5	67	10	1	no storms

A DXers Technical Guide, 4th Edition (Spring 2004)
In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.
Prices: **IRCA members** - \$15.00 (US/Canada/Mexico/sea-mail), \$20.50 (rest of the Americas/Europe airmail), \$21.50 (Australia/Japan/New Zealand airmail). Non-IRCA members - add \$2.50.
IRCA Mexican Log, 12th Edition (Winter 2007)
The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, sologans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".
Prices: **IRCA members** - \$9.50 (US/Canada/Mexico/sea mail), \$12.00 (rest of the Americas/Europe airmail), \$12.50 (Australia/Japan/New Zealand airmail). Non-IRCA members - add \$2.00.
This completely revised Slogans List includes radio slogans from the US, Canada and Mexico (over 3700).
Prices: **IRCA members** - \$6.00 (US/Canada/Mexico/sea mail), \$8.00 (rest of the Americas/Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA members - add \$1.00.
IRCA TIS/HAR List (Fall 2004)
Mike Hardester has completed the most up to date list yet. 56 pages of top-notch information on current TIS/HAR stations in the AM Band.
Prices: **IRCA members** - \$8.50. Overseas, add \$3.00. Non-IRCA members - add \$1.00.
IRCA Foreign Log
IRCA Foreign Log #12. This edition contains ALL the SDXN DXWWW-E, DXWWW-W and DXWWW-II tips from 8/02 to 8/05. All collated and in frequency order by TA, PA and TP for each DXWWW column. Prices: IRCA members - \$10.00 (US/Canada/Mexico/sea mail), \$11.50 (rest of the Americas/Europe airmail), \$12.50 (Australia/New Zealand airmail). Non-members - add \$2.00. The .pdf version of the IRCA Foreign Log #12 is also available for download from the members section of the IRCA's web site: www.ircaonline.org.
The IRCA has published nine additional volumes of the **IRCA Foreign Log**. Each volume contains the several hundred actual tips that were reported to the DXWWW sections during an entire year, compiled and retyped in a book format. In addition, special features include articles on foreign DXing

(volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA Bookstore** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas airmail add \$2.50/book).

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

Prices: **IRCA members** - \$2.25 (US/Canada/Mexico/sea mail), \$3.00 (rest of the Americas/Europe airmail), \$4.00 (Australia/New Zealand airmail). Non-IRCA members - add \$1.00.

An Introduction to Broadcast Band DXing

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

To order any of the above items from the **IRCA Bookstore**, send the correct amount (in US funds payable to **Phil Bytheway** - which will be returned if not made out to **Phil Bytheway**) to: **IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334** (email: phil_tekno@yahoo.com).

IRCA Reprints

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

New from the IRCA reprint service. "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Only \$10.00 (US/Canadian IRCA members, overseas contact Lee.) Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers, and Receiver Modifications, and Technical. Check out the table of contents at: <http://geocities.com/amiogbook/newmembers/reprint.htm>.

For a complete list of reprints, or to purchase the CD send to: **IRCA Reprints, c/o Lee Freshwater, 414 S.E. 3 RD ST, Ocala, FL 34471**. Allow 3-4 weeks for delivery. (Make all checks and money orders out to **Lee Freshwater**.)

Pay electronically with PayPal-add \$1 to all prices above. Go to www.PayPal.com, then send your funds to phil_tekno@yahoo.com (Phil Bytheway).

The NRC AM Antenna Pattern Book

The Pattern Book now includes daytime and "graveyard" frequency patterns for the first time. For those stations which operate with 50 kW (and higher in Mexico) non-directional (designated U1 in the AM Log), the day pattern is shown to approximately the predicted 0.5 m V 1M coverage limits, while the night pattern is illustrated approximately 1.5 times larger. Stations in Alaska and Hawaii are listed on separate pages at the end of the book. The basic list of U.S. and Canadian stations comes from the 26th Edition of the National Radio Club's AM Radio Log. Mexican stations in the states bordering the United States plus those stations elsewhere which are easily heard in the U.S. and Canada are also included. All data is up-to-date as of November 1, 2005.

Prices: \$16.95 to USA/Canada IRCA/NRC members, \$22.95 USA non-members, \$25.95, Canada non-members/all overseas orders. Order from: NRC Publications - Box 473251 - Aurora CO 80047-3251 (CO residents, please add sales tax). Please state your IRCA membership affiliation when you order.

Antenna Reference Manual, Volume 2 8th Printing Digitally Enhanced and Updated

This book is a compilation of numerous articles on the subject of antennas for medium wave DX'ers, originally published between 1974 and 1981 in DX News. Some articles were formerly available as reprints. Includes articles on air-core and ferrite core loops, antenna tuners for longwire and Beverage antennas, and phasing units for use with Beverage antennas and longwires. 8 1/2" X 11" bound book format. Price: \$8.95 to IRCA/NRC members; \$11.95 to non-members. Order from: NRC Publications - Box 473251 - Aurora CO 80047-3251 (CO residents, please add sales tax). Please state your IRCA membership affiliation when you order.

Antenna Reference Manual, Volume 3

A compilation of 17 articles on antennas, phasing impedance matching, and RF amplification for medium wave DX'ers, some of the articles were published in DX News between 1999 and 2004. 8 1/2" X 11" bound book format. IRCA/NRC member price: \$11.95; non-member price \$16.95; overseas customers, please contact us for exact price. Order from: **NRC Publications** - Box 473251 - Aurora CO 80047-3251 (CO residents, please add sales tax). Please state your IRCA membership affiliation when you order.

2007-2008 IRCA Unlucky 13 DX CONTEST

Manager: **Nancy Johnson** - 265 Waterton Wy - Billings, MT 59102-7755
E-mail: NancyJohnson@prodigy.net

May 15, 2008 update

Phil Bytheway	94	Tim Noonan	250
Greg Hall	312	Dale Park	47
John C. Johnson	19	Dan Riordan	123
Nancy Johnson*	136	Mike Sanburn	12
Gary Kinsman	125		

* Contest manager is not eligible to win.

The contest ended on May 31, 2008 and final contest standings will appear in the June (DXM #29) issue. Please, report to the appropriate editor any special loggings you hear while DX'ing for the contest!

TRADING POST

Compiled by: **Phil Bytheway** - 9705 Mary Ave - Seattle WA 98117
E-mail: phil_tekno@yahoo.com

Charles Taylor - caltaylor@isp.com. I'm looking to buy a Radio+ phaser, or an equivalent. Name your price. 73, Charles (WD4INP)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **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.

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For information on subscribing to the **IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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