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IRCA welcomes Ronald P. Brodeur from Warwick, RI. Another biggie... thanks!! pb

The **IRCA Bookstore** is looking for someone to take over the duties as "Slogan's List" editor. Duties will include taking over Rich Toebe's database and producing a new list for the next DX season (August-September time frame). Contact **Phil Bytheway** - phil_tekno@yahoo.com for details.

HQ NOTES

The **2005 IRCA/DecalcoMania** convention will be held on Thu. Aug. 25 through Sat. Aug 27, 2005 at the Days Inn, 1111 S. Harbor Blvd. Anaheim CA 92805 (1 block North of Disneyland) www.the.daysinn.com/anaheim04986. Phone number for reservations is 714-533-8830 (request the special \$59 room rate.) Registration fee (not including banquet) is \$25 payable to Mike Sanburn, PO Box 1256, Bellflower CA 90707-1256 - mikesanburn@hotmail.com. Activities will include station tours, business meeting, auction, and banquet -view menu at www.jagerhaus.net. Should have lots of stickers and airchecks. Looking forward to seeing everybody.

Here's the list of websites for sites in the area of this year's convention:
www.disneyland.com,
www.downtowndisney.com, www.knotts.com,
www.universalstudioshollywood.com,
www.sixflags.com, www.movieandwaxmuseum.com,
www.seaworld.com, www.medievaltimes.com,
www.catalinaexpress.com, www.irvinemuseum.org,
www.visitorangecounty.net, www.planesoffame.org.

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IRCA ELECTION RESULTS

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There was a better vote turnout this year over last year. Last year only 35 members votes; 46 this year. Club participation appears to be increasing, not only with voting but in contributions to the columns as well.

Total Votes Cast: 46, Postal Votes: 28, Electronic Votes: 18

President Voting Result:

Nick Hall-Patch is re-elected with 42 votes.
 Karl Zuk received one (1) write-in vote.
 Three (3) voters declined to vote for President.

Secretary/Treasurer Voting Result:

Lynn Hollerman is re-elected with 44 votes.
 Two (2) voters declined to vote for Secretary/Treasurer.

Board of Directors Voting Results:

An asterisk (*) following a candidate indicates that this candidate is elected to the Board of Directors.

- | | |
|-------------------------------|---------------------------------|
| 25 - Frank Aden | 8 - Martin Foltz |
| 3 - John Butler | 31 - Mike Hardester (*) |
| 42 - Phil Bytheway (*) | 35 - John C. Johnson (*) |

- 41 - **Patrick Martin** (*)
- 17 - Tim Noonan
- 28 - **Doug Pifer** (*)

- 34 - **Mike Sanburn** (*)
- 28 - **Robert Wien** (*)
- 1 - Nancy Johnson (write-in)

ECC Comment: in my humble opinion these results are just wonderful. Nick, you're doing a wonderful job and I'm personally glad you're still our President. Lynn is always doing a great job and she rightfully belongs in this position.

And the new Board of Directors, in my personal opinion, is one terrific Board! IRCA is in good hands!

According to the by-laws I must send a ballot to the Board to vote for a 'Chairman of the Board'. Please let me know when I should submit this to them.

Oh, and congratulations Nick and Phil on your respective election.

IRCA PRESIDENT'S REPORT

Nick Hall-Patch – 1538 Amphion St – Victoria, BC, Canada V8R 4Z6
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May 12, 2005

Housekeeping proposals presented to IRCA board of directors (we need to reconfirm the Contest Manager and CPC chair each May of odd numbered years per the bylaws):

 Proposal 21.2.13 is to re-confirm Nancy Johnson as Contest Manager.

PB JJ TN PM MS PT KZ
 Y Y Y Y Y Y Y

 Proposal 21.2.14 is to re-confirm Les Rayburn as Courtesy Program Committee Chairman

PB JJ TN PM MS PT KZ
 Y Y Y Y Y Y Y

 Both proposals passed.

PB – **PHIL BYTHEWAY**, JJ – **JOHN JOHNSON**, TN – **TIM NOONAN**, PM – **PATRICK MARTIN**,
 MS – **MIKE SANBURN**, PT – **PETE TAYLOR**, KZ – **KARL ZUK**
 Y= YES, N= NO, A= ABSTAIN

 Don't forget to plan for the IRCA Convention in Anaheim, August 25-27. Watch DX Monitor for details.
 73, Nick

DX Tests – Les Rayburn – les@highnoonfilm.com (times are Eastern)

Dave Marthouse and the DX-Friendly staff at WODI 1230khz put on an impromptu DX test while conducting transmitter maintenance.

Despite the crowded channel, equal power, and less than stellar conditions, the test was well heard. Thanks to Dave and the folks at WODI.

WODI 1230khz Brookneal, VA DX Test Results April 30, 2005

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Steve Francis got us started early, with his successful reception of the test from his home in Alcoa, TN. Followed immediately by Scott Fybush in Rochester, NY who not only heard the test, but called the station!

Curt Deegan added Florida to the list of states hearing the test with his successful reception on the JRC NRD-535D. Barry McLarnon also logged the test from his home in Ottawa, Ontario, as did Willis in Old Fort, TN, Jerry Bond and Dave Hochfelder in Rochester, and Ira Elbert in Watkinsville, GA.

Dave Norment in Hagerstown heard them on a barefoot YB-400 despite heavy interference from nearby WJEJ 1240. The famous NRC sweep tones were able to make it through the din to Bob Foxworth in Tampa, FL, while Duane Whittingham reported success from his home in Macomb, IL.

Russ Johnson in Lexington, NC reported hearing the sweep tones as well, "First time I have ever heard the sweep tones. Very effective!" He also heard faint Morse Code ID's.

Tom Jansinski of Shorewood, IL heard the tones and code, as did Lester in Spartanburg, SC, and Bruce Collier in York, PA who pulled the test in on his 375'BOG using the Drake R8B. New one for Bruce!

Rick Shaftan had joy in NW New Jersey, logging both sweep tones and Morse ID's. Other happy listeners included Mike Hardester of Jacksonville, NC, Wade Smith in Chipman, New Brunswick, and Bill Dvorak in Madison, WI. Bill also talked to Dave Marthouse briefly on the air during the test!

Using a Kiwa loop allowed Michael Diers of Huntington Station, NY to pull in the test. Other DX'ers in luck included Michael Procop of Bedford, Ohio, Neil Wolfish of Toronto, and Brett Saylor who reported hearing the test "easily" in Central PA.

The test also marked a new one in the log for Bill Harms who heard the test clearly, including voice ID's, phone calls, etc from his home in Maryland. Fred Vobbe had only partial success hearing sweep tones, and bits of code from his home in Ohio.

Mike Brooker logged Morse Code IDs from his home in Toronto, Ontario, as did Russ Edmunds in Blue Bell, PA, Gerry Bishop in Niceville, FL, and Rene Tetro in Lafayette Hill, PA.

The WODI test was a very special success for Bill Patalon of Baltimore. Bill reports that this is his first logging of a scheduled test since returning to the MW DX hobby. Welcome back Bill!

While many enjoyed success, some of us were disappointed including your editor, Les Rayburn from his home in Central Alabama. Also failing to hear the test were Jim Renfrew in Byron, NY, Bruce Winkelman in Tulsa, OK, and Ben Dangerfield who was unable to try for the test. Ben did want to go on record as being thankful for the efforts of Dave Marthouse, as do we all!

A big thank you for this test to WODI. Hope we can count on another one next year!

Some thoughts on DX Tests in general, and issues with QSL's...

At least during the recent past, both clubs have always offered to provide QSL services to any station that does not wish to handle the chore. To date, only two have taken us up on the offer.

In the future, we'll try to more "strongly suggest" that stations take that option. However, I am always reluctant to see posts that complain about the lack of a QSL response on the e-mail lists. I think that anything that comes across as a complaint or a demand on the part of DX'ers makes it more difficult to get stations to test at all.

My goal as Broadcast Test Coordinator is to make it as easy as possible for a station to say "yes" to a test request. Like any negotiation that means making as few demands on the other party as possible.

Members can rest assured that we always start off requesting tests with plenty of advance notice, daytime power/pattern, clear QSL routes, etc, etc. Sometimes we end up with tests that don't meet our "perfect" scenario, but remain grateful for whatever the station can provide.

I strongly believe that "beggars cannot be choosers". And encourage members to treat stations with kid gloves when approaching them about tests, QSLs, or suspected problems. Try to be good ambassadors for our hobby at all times.

Likewise, I want to encourage all members to adapt to the changing landscape of radio. DX'ers have to use new tools, technology and techniques.

While IBOC, fewer tests, more stations per channel etc. all make DXing more difficult these days, we also have a bevy of new tools to combat those problems.

If you're not a member of the NRC "DX Tips" e-mail list, for instance, shame on you! My cell phone routinely goes off in the late evenings with tips from my fellow DX'ers. Alerting me to many new stations that I otherwise might have missed.

When I'm at the dials, I also try to bring up #mwdx at www.starchat.net. Identifying a station halfway across the country is easy when you can compare notes with someone closer to the station in real time. Plus it's just tons of fun!

I use Total Recorder to capture TOH ID's every night of the week, and www.1000000watts.com to help identify those recordings the next day. Think of what our members of 20 years ago could have accomplished with these tools.

And most importantly, be thankful to those hard working, under paid station engineers who put up with our hobby. We're blessed to have many of them on this list, and never want our comments to be misunderstood.

I'd also like to thank the many members who have approached their personal contacts within the broadcast industry to help arrange for tests. If you're interested in trying to set up a test in your area for next season, please contact me first.

We can provide any interested member with all kinds of tools including form letters, test material, and QSL's. Our goal is to make it as easy for the station as possible.

73 and Good DX, Les Rayburn, N1LF, IRCA/NRC Broadcast Test Coordinator

BROADCASTING INFORMATION

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CALL CHANGES

FREQ	OLD CALL	CITY	NEW CALL
960	WJGJ	Greenwood, MS	WABG
1030	WFTK	Wake Forest, NC	WDRU

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
580	CKWW	Windsor, ON	adult standards	easy listening
730	KSUD	West Memphis, AR	cont. Xtian	ESPN sports
790	WSVG	Mt. Jackson, VA	adult standards	silent
820	KUTR	Taylorville, UT	new	talk
840	WKTR	Earlysville, VA	rel. teaching	ESPN sports
890	KDJQ	Meridian, ID	new	R&B oldies "DJ Radio"
960	WHAK	Rogers City, MI	talk	country //WWTH
990	WNML	Knoxville, TN	talk	sports
1030	WDRU	Wake Forest, NC	regional Mexican	rel. teaching//WTRU
1040	WPBS	Conyers, GA	black gospel	SS hits //WPBC
1050	WBNC	Conway, NH	hot AC	visitor information
1050	WGAT	Gate City, VA	sports	Salem southern gospel
1190	KFXR	Dallas, TX	format not avail.	Oldies
1230	WAMM	Woodstock, VA	adult standards	silent
1230	WJOB	Hammond, IN	talk	news/talk
1230	WOIC	Columbia, SC	sports	talk
1250	KZDC	San Antonio, TX	Spanish	regional Mex. //KLEY-FM
1250	WGL	Fort Wayne, IN	sports	adult standards
1340	WAML	Laurel, MS	silent	black gospel
1350	WTOU	Akron, OH	Fox sports	talk
1360	WGFA	Wateska, IL	adult standards	cont. Xtian
1370	WWLG	Pikesville, MD	adult standards	oldies
1400	KVSF	Santa Fe, NM	sports	Air America talk
1440	WDXQ	Cochran, GA	silent	Jones classic hits// 96FM
1450	KLZS	Eugene, OR	talk	adult standards
1450	WBVA	Bayside, VA	talk	silent
1460	KIRL	St. Charles, MO	silent	EWTN rel. teaching
1480	WVOI	Marco Island, FL	oldies	religious teaching
1490	KPLT	Paris, TX	traditional C&W	talk
1540	WSIV	East Syracuse, NY	rel. teaching	Sheridan black gospel
1550	KYCY	San Francisco, CA	talk	talk 'YOURadio'
1550	WSRY	Elkton, MD	cont. Xtian	ESPN sports
1550	WVAB	Virginia Beach, VA	news	silent
1570	WANR	Warren, OH	talk	contemp. Xtian
1600	KZGX	Watertown, MN	Spanish	regional Mexican
1660	WCNZ	Marco Island, FL	news	Starboard rel. teaching

NEW STATION APPLICATIONS

1270	Naples, FL	WNOG	5000 DA-2
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CONSTRUCTION PERMIT ACTIVITY

890	KDJQ	Meridian, ID	5000/250 DA-N to 25000/50000 DA-N (cp)
1330	WMOR	Morehead, KY	1000 ND-D to 570 ND-D
1360	WTAQ	Green Bay, WI	10000/5000 DA-2 to 10000 DA-D
1470	WBFC	Stanton, KY	850/82 ND to 850 ND-D
1540	WBIN	Benton, TN	ND3 to ND

FACILITY AND PARAMETER APPLICATIONS

910	WFDF	Flint, MI	5000/1000 to 50000/19000
910	WNDC	Baton Rouge, LA	1000/1000 DA-1 to 1200/51 DA2
960	KOVO	Provo, UT	5000/1000 DA-N to 50000/1000 DA3
1000	KCEO	Vista, CA	2500/250 DA-2 to 5000/250 DA2
1010	KCPW	Tooele, UT	50000/178 to 50000/175
1070	WKII	Solana, FL	3100/260 ND to 2300/199 ND3
1160	KBIS	Highland Park, TX	1000/500 to 1000/1000 DA2
1210	KUNF	Washington, UT	10000/250 ND to 10000/231 ND2
1250	WNEM	Bridgeport, MI	1000/129 to 5000/1100
1270	KEPS	Eagle Pass, TX	1000/33 ND to 890/32 ND2
1300	KAZN	Pasadena, CA	5000/1000 DA-2 to 23000/4200 DA-2
1300	KKOL	Seattle, WA	5000/5000 DA-N to 50000/47000 DA2
1330	WRAA	Luray, VA	1000/47 ND to 1100/26 ND2
1340	WCMI	Ashland, KY	700/700 ND to 1000/1000 ND2
1360	WKAT	North Miami, FL	5000/1000 ND to 50000/5000 DA2
1370	KWTL	Grand Forks, ND	1000/250 ND to 1000/280 ND2
1430	WDJS	Mount Olive, NC	1000 ND-D to 10000/5000 DA2
1450	KGFF	Shawnee, OK	1000/1000 ND to 560/1000 ND2
1460	KHOJ	St. Charles, MO	5000 DA-D to 5000/85 DA2

1470	KUOL	San Marcos, TX	250/250 DA-N to 500/250 DA2
1490	KRNR	Roseburg, OR	ND to ND2
1550	WAZX	Smyrna, GA	50000/500 DA-2 to 50000/16 DAD

FACILITY AND PARAMETER GRANTS

660	KGDP	Orcutt, CA	10000/1000 to 2500/2500
950	WPEN	Philadelphia, PA	5000/5000 to 50000/50000
960	WZRH	Dallas, NC	1000/500 DA-N to 10000 DA-D
1050	KTBA	Tuba City, AZ	5000/6 to 250/85
1080	WNWI	Oak Lawn, IL	3000/900 to 3000/2600
1090	WILD	Boston, MA	5000 to 4800
1160	KBIS	Highland Park, TX	1000/6 to 1000/1000
1220	WKMT	Kings Mountain, NC	1000/100 to 10000/106
1370	KWTL	Grand Forks, ND	1000/250 to 1000/280
1420	KPOC	Pocahontas, AR	1000 to 1000/118
1530	KPCR	Bowling Green, MO	1000 to 1400
1580	WVVO	Columbus, OH	1000/250 to 2500/290

ADDITIONAL NOTES: **(CONTRIBUTOR IN PARANTHESES)**

PUBLIC LISTINGS:

WSDS 1480 Salem Township/Ypsilanti MI flips from classic country to Spanish.
 KLZS 1450 Eugene OR flips from talk to standards as "Class 1450 AM."
 WTOU 1350 Akron OH drops Fox sports and, after stunting as "Radio Free Ohio," relaunches with progressive talk (Ed Schultz, Thom Hartmann, Stephanie Miller, Lionel, but no Air America). The slogan "Radio Free Ohio" remains, and new calls WARF have been requested.
 WVOI 1480 and WCNZ 1660 Marco Island FL flip to "Relevant Radio" Catholic religion, WVOI from oldies and WCNZ from news/talk.
 KFXR 1190 Dallas TX finishes its all-Beatles stunting and goes oldies as "Rock and Rollies," the same format owner First Broadcasting has used on other stations in the market (such as the former KKDL 106.7.)
 WBNC 1050 Conway NH drops its simulcast of AC WVMJ 104.5 Conway NH and flips to "Visitor Information Radio."
 WLGO 1170 Lexington SC takes new calls WQVA.
 WSRV 1550 Elkton MD flips from contemporary Christian to ESPN sports.
 KIRL 1460 St. Charles MO takes new calls KHOJ.
 KYCY 1550 San Francisco CA launched its all-podcast "K-YOU" format Monday 5/16.
 WNML 990 Knoxville TN/WNML-FM 99.1 Loudon TN/WNRX 99.3 Jefferson City TN flip from news-talk (moved to WNOX 100.3 Oak Ridge TN) to sports as "The Sports Animal."
 KSUD 730 West Memphis AR drops EMF "K-Love" contemporary Christian for ESPN sports.
 KDJQ 890 Meridian/Boise ID signs on with R&B oldies as "DJ Radio."
 KIRL 1460 St. Charles MO returns to the air with EWTN Catholic religion.
 WPBS 1040 Conyers/Atlanta GA flips from black gospel to Spanish AC.
 WJGJ 960 Greenwood MS returns to its prior calls, WABG.
 WGFA 1360 Wateka IL flips from standards "Stardust" to contemporary Christian "Inspire 1360."
 WAML 1340 Laurel MS has returned to the air with black gospel.
 CKWW 580 Windsor ON/Detroit MI flips from standards "580 Memories" to soft AC "AM 580 Motor City Favorites."
 WYOS 1360 Binghamton NY flips to progressive talk.
 WDXQ 1440 Cochran GA and WDXQ-FM 96.7 Cochran GA return to the air as classic hits "96Q."
 WDRU 1030 Wake Forest NC flips from Spanish "Que Pasa Radio" to religious "Truth," simulcasting with WTRU 830 Kernersville NC.
 KRNP 1290 Santa Barbara CA changes calls to KZSB (though the station never used the KRNP calls on the air, having stuck with prior calls KZBN.)
 WNOX 990 Knoxville TN and WNOX-FM 99.1 Loudon/Knoxville TN change calls to WNML and WNML-FM, respectively.
 KUTR 820 Taylorsville/Salt Lake City UT signs on with talk aimed at a female audience.
 WBVA 1450 Bayside VA and WVAB 1550 Virginia Beach VA have both gone silent.
 WWTH 100.7 Oscoda MI and WHAK 960 Rogers City MI join forces in a country simulcast as "Thunder Country"; WWTH had been Hot AC "107-7 the Bay," simulcast with WHSB 107.7 Alpena MI, while WHAK was doing talk.
 WFTK 1030 Wake Forest NC changes calls to WDRU.
 WOIC 1230 Columbia SC flips from ESPN sports (relocated to sister station WZMJ 93.1 Batesburg SC) to Air America talk.
 WSVG 790 Mt. Jackson VA and WAMM 1230 Woodstock VA have gone silent.
 WGAT 1050 Gate City VA flips from Fox sports to southern gospel.

CONTRIBUTOR LISTINGS:

Pat Martin and **Dale Park** both send along the following:
 From a note on the Northwest Broadcasters site, I found this; article below, URL is http://seattlepi.nwsource.com/tv/223797_radiobeat12.html. When the conversation turns to

conservative talk radio in Seattle, it usually involves Entercom's KTTH-AM (770) and Fisher's KVI-AM (570). But there's actually a third local station in that segment -- Salem Communications' KKOL-AM (1300). KKOL often is left out of the conversation, and rarely shows up in the overall Arbitron ratings because it doesn't have the prominent local or national hosts that the others do. It also has been hampered by a weak signal. Ever since losing its lease with the Port of Seattle on a Harbor Island site in 2002, Salem has been looking for somewhere new to put its transmitter. In the interim it has been broadcasting at a reduced power of 1,000 watts from a boat moored near Salty's on Alki. Salem had hoped to locate its antenna in the Kent Valley near Auburn, but that proposal ran into local opposition. So now Salem is trying something different. David Fitts, general manager for Salem's five Seattle AM stations, says the company has signed a lease with the Port of Tacoma for property in Pierce County. The station is awaiting Federal Communications Commission approval for the move, which Fitts hopes will occur by the end of this year. When it does, KKOL will be able to boost its power from the current 1,000 watts to 50,000 watts. To allow for that power boost, Salem bought a Port Angeles station at 1290 on the AM dial; that station is currently simulcasting KKOL and will go dark once KKOL goes to full power. To go with the greater regional coverage the signal boost will provide, Fitts says changes could be coming in KKOL's weekday lineup of hosts, currently consisting of the nationally syndicated Michael Gallagher, Dennis Prager, Dave Ramsey and Hugh Hewitt shows. "Hopefully we'll have some local presence," he adds. "It would give us instant credibility." (PM-OR)

Pat Martin sends along the following from Dean McIntyre of Calgary, AB.:

The results of the Spring 2005 BBM radio survey are out, and for the major Canadian markets the 12+ share is available at the Broadcaster magazine site: <http://www.broadcastermagazine.com/article.asp?id=43134&issue=05122005&lid=43134&lpos=dailyNews>

It is nice to see many AM's retaining or increasing their share. In fact in Edmonton CHED-630 is number 1. (PM-OR)

Bill Harms passes along the following:

For some reason, there are false reports in DX mags and elsewhere that WBMD 750 and WBGR 860 are on the air with Family Radio programming. The truth is that they are currently off the air PENDING a format change. Family Radio purchased these outlets as part of format shuffling in the Baltimore area. They are not on the air as of 14 May 2005. Please note this correction. (BH-MD)

Pat Martin sends along the following:

This is from Robert Gossett's outstanding "CGC Communicator" newsletter, and may help explain why some of us have been hearing those new Tijuana-area signals much louder in southern California (and beyond) than we should be. And better yet - the PDFs have nifty tower pictures!!! It's a lengthy download, but well worth it to see just how much happens across the border and doesn't get busted right away!

MAJOR OFFENSIVE AGAINST BONILLA'S CROSS-BORDER AUTHORITIES

A major offensive has been launched on the Section 325(c) cross-border program transmission authorities associated with Jaime Bonilla's XHBCE-FM, 105.7 MHz, in Baja California North. By using an airplane and flying to the coordinates published for XHBCE's Class B operation, nothing but wild brush and grass were found. There were no power lines, roads or trails serving the site, and a picture was provided to demonstrate that point. Further, there was "no physical evidence to suggest that a transmitter was ever built there" or anywhere nearby (a search was made). Thus, it is claimed, the transmitter site that XHBCE has reportedly been using all these months does not exist, so all 325(c) requests relative to that site constitute fraud. The real XHBCE transmitter was discovered on Cerro Bola mountain 10-miles away and at a much higher elevation than the authorized Class B site. A number of technical questions have arisen regarding the facilities found there. But there is more. Mr. Bonilla's XEKT, 1700 kHz, should be using two towers of equal height, but two towers of "grossly unequal height" were found instead, calling into question the nighttime radiation pattern of that station. XESDD, 1030 kHz, should be using a three-tower directional antenna array to beam its signal away from the U.S. both day and night, but was photographed using one tower (presumably omnidirectional) instead. And XESS, 620 kHz, should have been sharing that same three tower array to protect the U.S. full time, but XESS' transmitter had mysteriously migrated 21 miles closer to the U.S. and was discovered at the XEKT site, virtually right on the U.S./Mexican border, without the required three tower array. To see and read more, open the two pdf documents below. The first doc contains an Engineering Statement with colored photographs of the numerous alleged technical transgressions; the second doc is a copy of the complete legal and engineering package filed with the FCC as a formal complaint (the engineering photos did not reproduce properly in this, the only pdf doc available to us at this time, hence the separate posting of the Engineering Statement). There is much more to this story, probably one of the biggest stories to break in the local broadcast community in years. From this one 325(c) case, a number of legal actions may follow including demands for massive power rollbacks at some or all of the Bonilla properties, and retractions of all 325(c) permits. Keep in mind that the charges made so far are only allegations and that the Bonilla organization needs to be given an opportunity to respond. There may be mitigating technical factors at work or special agreements between the U.S. and Mexico of which we are unaware. Our experience indicates that there are many fully compliant broadcast facilities in Mexico and that this case - if the allegations hold - is not representative of the Mexican broadcast industry as a whole, and should not reflect negatively on the many fine people in Mexico who strive for excellence.

Engineering Statement alone (1 Mbyte in size): http://earthsignals.com/add_CGC/baja_engr.pdf

Complete Petition to Deny (sans photos, 2 mega bytes in size): http://earthsignals.com/add_CGC/pet_to_deny.pdf. (PM-OR)

Pat Martin sends along the following from Deane McIntyre of Calgary, AB
The move of CHUC Cobourg ON to FM (107.9 MHz, 1.03 kw) has been approved by the CRTC: <http://www.crtc.gc.ca/archive/ENG/Decisions/2005/db2005-205.htm>.

The decision referenced by the above URL is lengthy and thus I will not post it here; it is interesting in that the reason for not moving to 1580, as approved some time ago, was not implemented is given. In short, the application to 1580 was made as no suitable FM frequency was available. Later, to quote the decision "the Department of Industry (the Department) has subsequently revised the "spectrum guidelines" such that the FM frequency now under consideration became available." So another Canadian graveyarder bites the dust... wonder who will apply for 1580? (PM-OR)

Frank Aden sends along the following (sent 5/8):
Is on with oldies, running everything from late 1950s instrumentals to mid 60s rock, IDing as "KDJQ Meridian" and mentioning they are testing. Additional info: KDJQ had an open house today. They have 2 studios in an apartment in a small apartment complex off Clover just south of State St. and cross from Veterans State Park. They say they will be running AP Network News. (FA-ID)

Bill Harms passes along the following:
WBGR 860 Baltimore is back on the air with Family Radio. I heard their full ID at 1900 5/25. WBMD is still off the air. (BH-MD)

Mike Hardester sends along the following:
With apologies to Mark Twain, I fear that the reports of the recent demise of Radio Station WOOW in Greenville are premature. :-)
1340 WOOW NC Greenville 5/27 @ 1440 ELT
Station noted with talk, gospel music and male announcer. ID as "You're listening to Joy 13-40, WOOW, Greenville." Also, slogan as, "The People's Station." :-) I was probably within 20 to 25 miles (open road) of the tower location (35.616111 N, 77.370556 E, per FCC listing) before the station was clearly audible. Presumed station in Wilmington (spots for Wilmington area businesses) was dominant until as noted above. Even for 1 kw, I would have expected a wider coverage area, perhaps decreased power for some reason. Remember, you heard it here first. (MH-NC)

Tim Noonan sends along the following:
Tim Noonan sends along his usual list of FCC call letter changes and station info. Thanks, Tim! (TN-WI)

Gary Jackson sends along the following:
KMJ-580 is now broadcasting in digital format. The change gives KMJ CD-quality sound. (GJ-CA)

Mike Riordan passes along the following:
KUTR-820 Taylorsville UT. now on the air, 50000-D, 2500-N, directional to north, talk/women's issues format. They were testing all night 5/3-5/8, testing all night on night power. (MR-UT)

Mike Riordan also passes along the following:
KERI-1180 Wasco, CA. (Bakersfield) has apparently been running day power at night and 'cheating'. KSL-1160 Salt Lake City, UT. is going to go IBOC. (MR-UT)

Frank Aden sends along the following:
The Treasure Valley is about to get 50000 watts of vintage rock 'n' roll. KDJQ 890 AM, a new, locally owned radio station, will play hits from about 1957 to 1965. "DJ Radio", as it will be called, is smoothing out the final kinks before it hits the air as soon as next week. (Note: station now on air-ye ed). (FA-ID)

Ye editor passes along the following:
KDIS-1110 Los Angeles is now broadcasting apparently in IBOC, their day pattern splatters a fair amount from 1100-1120 even out at my location 35 miles from their xmtr! (RW-CA)

- Contributors:**
- Frank Aden**, Boise, ID (FA-ID)
 - Bill Harms**, Elkridge, MD (BH-MD)
 - Mike Hardester** (on the road in NC) - (MH-NC)
 - Gary Jackson**, Hanford, CA (GJ-CA)
 - Pat Martin**, Seaside, OR (PM-OR)
 - Tim Noonan**, Madison, WI (TN-WI)
 - Dale Park**, Honolulu, HI (DP-HI)
 - Mike Riordan**, Salt Lake City, UT (MR-UT)
 - Robert Wien**, Fontana, CA (RW-CA) (Ye editor)

Well, I'm over my pneumonia and whatever else I had, rescheduled my Vegas trip to the 3rd weekend in June with Mike Sanburn, and we're also both busily preparing to host the IRCA convention in Anaheim the w/e of 8/25-8/27. We have a lot planned, so make your reservations as soon as you can, you won't be disappointed! 73's.

WESTERN DX ROUNDUP

Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: June 17, July 1, July 15, July 29. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

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- (LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@mtwi.net
Hammarlund HQ-150, Sanserino air-core box loop & Kiwa loop
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org
Hammarlund SP-600, Drake R8B, Grundig Satellit 800, various wires, amplified Sanserino & Radio Shack loops
(GH-OR2) DX'ing form Seal Rock, OR with Grundig Satellit6 800, various wires & Radio Shack loop
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Drake R8, Drake SPR-4, Kenwood R-1000 (modified), EWE antenna, 1500' term. Eastern Beverage, 40' vertical
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Sangean ATS-818CS, Terk AM1000 loop
(5P-CA1) DX'ing in Palo Alto with Sangean ATS-818CS
(5P-CA2) DX'ing in Aptos with Sangean ATS-818CS
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Sony ICF-SW55, Terk AM1000 loop

***** OF SPECIAL INTEREST

- 820 KUTR UT, Taylorsville 5/9 1335-1435 went on the air at 0600 MDT this morning. Very good reception. Format is women's interest programming, heard program "Life with Dr. Liz Hale." Should be an interesting format here in the Salt Lake area. (LC-UT)
+Hit the airways on 5/9/05 with talk, women's issues format. From 5/3/05-05/08/05 station was testing all night with night power & pattern as per conversation with CE. (MR-UT)

- 530 WNPZ947 CA, San Jose 5/10 1830-1900 Mineta San Jose Int'l airport noted off the air while rushing to said airport; two other TIS heard but weakly. (5P-CA4)
- 540 KXME CA, Carmel Valley 5/7 0958 Spanish semi-local station with long station promo mentioning traffic coverage, woman ID "Eschucha kah-ehkes-emme-eh, Carmel Valley..." Radio Visa promo, local ad. No English ID heard. (5P-CA2)
- 550 KFYI AZ, Phoenix 5/23 0331 non-existent to fair copy mixing with KUZZ. Coast to Coast, ad for First National Bank of Arizona, Eastside-Westside traffic report. Many ID's. New. (DP-OR)
(KOAC) OR, Corvallis 5/23 0324 noted with open carrier till about 0410. Carrier power varied periodically. (DP-OR)
- 590 KQNT WA, Spokane 5/8 0000 ID and CNN news in a two way battle with KUGN but 70% on top with poor signal. Hammarlund on N-S wire. (GH-OR)
- 600 KOGO CA, San Diego 5/6 0501 ABC news, 0502 slogan "...24 hours a day, this is Newsradio 600 KOGO" into San Diego news, sports, weather and Metro Traffic. Fair, unID music underneath, KFRC-610 QRM. (5P-CA1)
- 610 KFRC CA, San Francisco 5/4 1738 A's baseball vs Detroit, heard jingle "KFRC," full ID at 1805. Also noted religious call-in show "Open Forum with Dr. Harold Camping," not // sister station KEAR-FM 106.9. However, 5/9 noted // with FM. Per visit to station 5/9, spokesman did not know when KFRC-AM will become KEAR, but eventually all programming will move from FM to AM. AM mostly runs "Open Forum." (5P-CA1)
- 610 KOJM MT, Havre 5/21 s/on (no SSB) at 0758. Strong, natch. (LG-MT)
- 620 KPOJ OR, Portland 5/6 0507 noted in passing with "Rachael Maddow Show" from Air America, 5 seconds behind // KQKE-960, KTLK-1150. Poor, KFRC-610 QRM. (5P-CA1)

630 ?KPTT? NV, Reno 5/9 1410 noted in passing with ESPN Radio's "Dan Patrick Show," poor over/under KIDD. (5P-CA3)

650 (KSTE) CA, Rancho Cordova 5/19 0300 off the air. (CM-CA)
 KGAB WY, Orchard Valley 5/19 0400 poor with "Orchard Valley Newstalk KGAB." New. (CM-CA)

680 ?CJOB? MB, Winnipeg 5/20 0900 probably the ESPN station in KNBR null, although NRC Log doesn't show this network affiliation. At 0759 assumed local announcer seemed to have Canadian accent. Wiped out by KKGR s/on at 0800. (LG-MT)

700 KALL UT, Salt Lake City 6/1 0245 dominant over KGRV with Fox Sports and several "Hot Ticket 700" promos. (PM-OR)

770 KTTH WA, Seattle 5/4 0100 Lars Larson show with KKOZ strangely absent. Fair to poor signal all by itself in the static. (GH-OR)

820 KUTR UT, Taylorsville 6/1 0900 weak but all alone with the sun shining here. Talk show with man & woman ended, and then she said "Utah's new AM 820, KUTR, Taylorsville, Sandy, Salt Lake City." ABC news followed. New catch, thanks to DXM tips. (LG-MT)

840 KXNT NV, Las Vegas 5/1 0200 Art Bell show into news, with fair to poor signal by itself in the static. (GH-OR2)

890 CJDC BC, Dawson Creek 5/1 0130 man said "Your invitation to today's hot new country, CJDC." C&W music with fair signal over KDXU. (GH-OR2)

890 KFJQ ID, Meridian 5/17 0830 fair with nice selection of 50's-70's oldies. New station had been on the air one day. (DP-OR)

930 ?KSEI? ID, Pocatello ad for appliance store in Pocatello, back to Fox Sports Radio // KTCT-1050. Fair to poor. (5P-CA1)

930 KSEI ID, Pocatello 5/22 0758 strong with local ad during momentary KLCY silence. (LG-MT)

1040 KLHT HI, Honolulu 4/25 0015 K-Light ID and mention of KLHT.com vocal music, dominant in a 3-way jumble for a moment or two. Hawaii, finally! (GH-OR)

1100 ?WTAM? OH, Cleveland 5/23 0430 poor behind KFAX & KNZZ with weather report, then "...T-A-M." (DP-OR)

1130 KRDU CA, Dinuba 5/28 0756 "Haven Today" hosted by Charlie Morris, dead air or faint praise music, ID at 0759 "... radio station, KRDU Dinuba... 1130 AM," program "Our Community" with Ken Adams. Poor to very poor, probable CKWX-BC underneath. (5P-HI)

1160 KSL UT, Salt Lake City as per conversation with CE, station will be going to IBOC. (MR-UT)

1240 KSMA CA, Santa Maria 5/25 2200 "Newsradio 1240 KSMA" top of hour ID. (MS-AZ)
 KDGO CO, Durango 5/21 2230 Coast to Coast AM, station ID. (MS-AZ)
 ?KCLV? NM, Clovis 5/21 2240 presumed with ESPN Radio coming from the general direction of Clovis. Web search indicates KCLV plays ESPN Radio. (MS-AZ)

KXLE WA, Ellensburg 5/10 0110 barely on top of the pile with talk program sputtering in the static. Very weak & choppy with R390A on E-W wire. New. (GH-OR)

1250 KKHK KS, Kansas City 5/9 0010 good at times with "La Super Equis" ID's, Spanish music, on top of unID Black Gospel station. (PM-OR)

1260 KSUR CA, Beverly Hills 5/23 0628 fair, old man with "KSUR Beverly Hills." Couldn't verify the programming, but heard comedy radio along with it. Should be oldies. New. (DP-OR)

KPOW WY, Powell apparently now C&W ex-talk (NRC Log listed as talk), playing non-stop C&W with ID at 0400 "KPOW Powell-Cody" into net news. (PM-OR)

1340 KIKO AZ, Miami 5/11 2025 US baseball Diamonbacks vs Senators. (MS-AZ)
 ?KPGP? AZ, Page 5/11 presumed with classic C&W. (MS-AZ)
 KTMM CO, Grand Junction 5/11 2020 US baseball Rockies vs Braves. (MS-AZ)
 ?KTSN? NV, Elko 5/12 2110 presumed, I thought I heard "KTFN," makes sense that it would be KTSN. Faint with talk show. (MS-AZ)

KCQL NM, Aztec 5/11 2035 Fox Sports Radio, JT the Brick(head) show. (MS-AZ)

1400 KSUN AZ, Phoenix 5/13 US SS Diamondbacks beisbol. (MS-AZ)
 KTUC AZ, Tucson 5/13 very faint under what little null I could get out of KSUN, playing oldies/classics. (MS-AZ)

KLCK WA, Goldendale 5/6 0000 NOS type oldies and ID sputtering in the static. Poor signal mixing it up with KNND. Seldom heard. Hammarlund on N-S wire. (GH-OR)

1440 KODL OR, The Dalles 5/19 0040 talk show (didn't catch which one) brought to you by Brown Roofing & Siding, really weak & choppy. Seldom heard. R390-A on N-S wire. (GH-OR)

1460 KABL CA, Salinas 5/7 1557 semi-local station with Rosemary Clooney song, ID "KABL Salinas-Monterey-Carmel, part of the Cable Radio Network, presided over by the Chairman of the Board," slogan "14-60 The Paisano, now that's Music." (5P-CA2)

1510 KGA WA, Spokane 5/16 0858 used new slogan "The Talker." (LG-MT)

1520 KOKC OK, Oklahoma City 5/9 0004 totally dominant on top of KGDD with weather for Oklahoma City, KOKC tag. Best I have heard them in a long time. (PM-OR)

1530 KZNX TX, Creedmoor 5/9 dominant over KFBK off Eastern Beverage with ESPN Sports talk at 0003. Later at 0100 caught a spot mentioning Austin. They must be operating with listed 10KW ND. What a signal! Unneeded, but nice to hear again. The last time I heard them was with KFBK off and with 15 watts. (PM-OR)

1550 KRPI WA, Ferndale 5/31 good with Hindi programming, ID at 0200 "You're listening to KRPI 15-50 AM Ferndale, Vancouver, Bellingham..." (PM-OR)

1560 KLTI MO, Macon 5/8 good & dominant at 2359:40 with ID out of nowhere "15-60 AM, KLTI Macon, Moberly, Kirksville. Your home for Real Country," into Randy Travis song, soon lost into jumble. Listed as 41 watts. New CP for night operation. New. I am pleased with a new one on 1560. (PM-OR)

1580 KMIK AZ, Tempe 5/13 0100 vocal music with many Radio Disney ID's. Fair to poor i/out of the static but all by itself on Drake with E-W wire. (GH-OR)

1610 TIS MT, Three Forks 5/28 0800 and 5/29 0755 heard for the first time, with info on Missouri Headwaters State Park. Also mentioned boasting precaution. QRM from TIS in Deer Lodge. Mike Hardester ID'd this one for me. ID phoned Dept. of Fish, Wildlife and Parks in Bozeman to verify location. Woman said it doesn't operate in the winter. (LG-MT)

1630 KRND WY, Fox Farm 5/19 0525 good with slogan "La Grande." New format. (CM-CA)
 1640 KDIA CA, Vallejo 5/1 0100 religious talk program with fair to good signal. (GH-OR2)
 1690 KFSG CA, Roseville 5/18 0000 instrumental music with interruption for short ID. Fair to good with slow fades. Drake on N-S wire. (GH-OR)

UNIDS

730 UNID 5/5 0030-0100 ESPN talk format, ad for Dan Patrick show. In/out of the static with no top or bottom of hour ID's except for ESPN Radio Network. KULE? Some KBSU (?) in there as well. (GH-OR)

960 UNID 5/6 0412 sounded like Sean Hannity under KQKE-CQA running Randi Rhodes. KKNT-AZ? Poor. (5P-CA1)

1220 UNID 5/8 0040 70's type music with ID that sounded like KHTS? KHTX? Very weak and choppy in/out of the mush, fighting it out with unID Spanish. Ideas? (GH-OR)

1340 UNID 5/11 unID very faint Spanish, possible XEAA, Mexicali? (MS-AZ)
 1340 UNID 5/14 unID Larry (?) Show. Web search gives possible "Larry Elder Show" on KTOX, Needles, CA. (MS-AZ)

We welcome Mark to WDXR, and hope to receive many reports from Chandler, AZ in the future. Thanks to our reporters this week. Nancy 6/3 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

[EB-MO] **Eric Bueneman**, Hazelwood, MO N0UIHEric@aol.com
 National NC-60 Special with inverted V indoor antenna. GE Superadio III, Radio Shack TM-152 AM Stereo tuner with Worcester Space Magnet 2.

[NJ-MT] **Nancy Johnson**, Billings, MT NancyJohnson@Prodigy.net
 Drake R8B, Kiwa loop.

[MS-MB] **Morris Sorensen**, Winnipeg, MB mosor2002@shaw.ca
 Hallicrafters S-38 with indoor wire and a Zenith Trans-Oceanic with Wave Magnet

SPECIAL INTEREST

580 CJML **MB**, Winnipeg. 5-2 good, but not great for a local. 11:30 to 12:05 with 1937-1939 music and nostalgia sponsored by "Peak of the Market." 99 watts. Station on until May 14th with war era programming. Pre-war and post-war memories and music in celebration of the 60th anniversary of VE Day. Per station, schedule is about 08:00 to 23:00 daily from Deer Park Lodge in the west end of Winnipeg. [MS-MB]

1460 KHOJ **MO**, St. Charles. 5-29. 18:45 noted with Mass from the Cathedral Basilica of St. Louis. Good signal. Station back on the air after a brief silence. Night service not yet back on as of 5-29. EX-KIRL. [EB-MO]

DOWN THE DIAL

1060 KDUS **AZ**, Tempe. 5-11 good. 23:05 with Sundevils promo, "Explore the southwest every Sunday morning at 8 right here on your sports authority AM 10-60 KDUS" into Sporting News Radio. [NJ-MT]

1450 KYLS MO, Fredericktown. 5-16 good to fair in WFMB null with local KIRL-1460 off the air. 15:39 with classic hits format. "Your favorites from the seventies and beyond. This is KYLS AM 14-50." [EB-MO]
 WFMB IL, Springfield. 5-16 good over KYLS with local KIRL-1460 off the air. 15:43 with local and national spots. Mentioned web site and "Sports Radio 14-50" into ESPN sports. [EB-MO]
 1460 WROY IL, Carmi. 5-16 weak, alone. Local KIRL off the air. 15:22 with oldies from the '50s to '80s. Community calendar and local spots. [EB-MO]
 1470 WMBD IL, Peoria. 5-16 fair signal with minor splash from WJBM-1480. Local KIRL 1460 off the air. 16:01 with local news. [EB-MO]
 1510 WLRB IL, Macomb. 5-16 fair to poor, semi-local WDID on with OC only. 15:43 with Westwood One Adult Standards format. Local and national spots. "15-10 WLRB" ID. [EB-MO]
 1520 WHOW IL, Clinton. 5-16 good to fair over KRHW. 15:47 with Adult Contemporary format. "Clinton's source for information, news, talk. 15-20 WHOW AM." Appears to be same format as WHOW-FM. [EB-MO]
 1530 KPCR MO, Bowling Green. 5-16. 15:56 noted with Sean Hannity, national spots, PSA, "KHMO Hannibal and KPCR Bowling Green" dual legal ID into AP News. Also noted KHMO-1070 in with fair signal at this time. [EB-MO]

25 YEARS AGO

June 14, 1980 issue of IRCA's "DX Monitor" ... CDXR editor **Bob Lazar** of Alexandria, VA had his last CDXR appear. New CDXR editor will be **Robert Kramer** of Chicago, IL ... **Neil Wolfish** of Toronto, ON logged WTSA 1450 VT for state number 42 ... **Nick Hall-Patch** of Victoria, BC logged WNBC on his TRF from his new location ... **Bruce Portzer** of Seattle, WA told about his two week trip to Ogden, UT and his visit with **Bill Harms**.

OPEN MIKE

Eric managed to get in some rare DX with his local KIRL off the air for repairs recently. The "25 Years Ago" section returns next issue. 25 years ago we only had one May "DX Monitor." This column was typed 6-4-05. 73, John

EASTERN DX ROUNDUP

Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471

E-mail: lfreshwater@cox.net

Deadlines: 0800 6/18, 7/16, 7/30

STARS OF THE WEEK

(IEN-GA)	Ira Elbert New	Watkinsville, GA Drake R8B, 135' N/S LW, Sangean ATS 909, Panasonic Portable, Select Antenna
(CJG-KY)	Chris Gray	Lexington, KY KU4A@yahoo.com Kenwood TS 2000, Gap Eagle Vertical & Terk Loop

LOGGINGS

560	IL	WIND	Chicago 05/03 2304 News and information for the Chicago area. Weak and buried in the mix. "Newstalk 560, WIND". (IEN-GA)
600	NC	WCVP	Murphy 06/03 1033 Ludlow Porch Radio Show. Weak, but steady signal (S6) above the morning static. "You're listening to Big 6 Radio, WCVP, Murphy". (IEN-GA)
640	TN	WGOC	Blountville 05/18 2036 Classic country. Good signal. "...AM 640, WGOC". (IEN-GA)
660	SC	WLFJ	Greenville 5/14 2030 Urban Cont. Gospel. Good, steady signal. "Christian Talk 660." (IEN-GA)
680	TN	WWTQ	Memphis 05/03 2234 Spot for a show on the station. Semi-dominant signal in a mix of others in the Null of WPTF. "...daily on Progressive Talk 680". (IEN-GA)
830	MO	KOTC	Kennett 04/24 2009 C&W music, then clear ID. (CJG-KY)
840	GA	WHGH	Thomasville 05/11 2030 Urban type music and sign-off. Good signal with fades. "WHGH... Clear Channel AM". (IEN-GA)
860	SC	WLBG	Laurens 06/02 2100 Oldies, TOH ID and upstate SC weather. Very good signal (10 over S9). "Classic 86, WLBG Laurens". (IEN-GA)
930	NC	WYFQ	Charlotte 06/03 2030 Religious programming. Good signal (S8) with slight fading. "Thanks for listening to BBN, Quality Christian Radio for you". (IEN-GA)

940	NC	WKYK	Burnsville 06/03 2025 Country music. Good signal that would fade into the mix from time-to-time. "Real Country the way it used to be, WKYK". (IEN-GA)
970	KY	WGTK	Louisville 05/18 2045 Louisville Bats Baseball. Good signal mixed with splatter from WRFC on 960 just up the road in Jefferson, GA. "...Bats Baseball on Newstalk 970, WGTK". (IEN-GA)
990	TN	WNOX	Knoxville 04/14 2006 Commercial for an auto dealer in Lenoir City, ID as "Newstalk 99 WNOX", then Bill O'Reilly Show. (CJG-KY)
1000	SC	WVWF	Walhalla 06/01 1742 Oldies. Good, steady signal (S7). "Big Wolf Radio, 1000, WVWF, Walhalla". (IEN-GA)
1020	SC	WRIX	Homeland Park 06/02 1741 Religious programming. Good, steady signal (S9). "...on AM 1020, WRIX". (IEN-GA)
1050	GA	WFAM	Augusta 06/03 1801 Religious programming & TOH ID. Good, steady signal (S7) despite bleed from WPBS in Conyers, GA on 1040. "WFAM, Augusta". (IEN-GA)
1170	FL	WAVS	Davie 05/10 2055 Hot Talk with The Duke of Earle... News and Happenings in the Caribbean. Good signal with slight fading and nearby lightning crashes. "The Duke of Earle on the Caribbean Caribbean Connection" and "WAVS". (IEN-GA)
1250	NC	WBRM	Marion 05/11 2333 Country music. Decent signal on top of the mix. "McDowell's Own AM 1250, WBRM". (IEN-GA)
1310	MI	WDTW	Detroit/Dearborn 2017 Popped up just in time for an ID. (CJG-KY)
1320	NC	WCOG	Greensboro 05/11 2300 Radio Disney fare. Good signal, but would fade to mix with Merle Haggard from somewhere from time-to-time. "Radio Disney, WCOG Greensboro." (IEN-GA)
1390	SC	WLUA	Belton 05/27 2353 Oldies. Decent signal fading in and out of the mix. "At 1390 on you AM Dial, this is WLUA... Anderson". (IEN-GA)
1400	GA	WLTA	Alpharetta 05/18 0803 Religious Programming and ads. Decent signal in the morning static. "...on 970 and 1400 AM" & "Atlanta's Christian Talk, WNLV, 970 and 1400 AM". (IEN-GA)
1410	GA	WKKP	McDonough 06/01 1715 Community and Church news. Good, steady signal (S7) on top of the static. "Henry County's News Leader, 1410 AM, WKKP". (IEN-GA)
1430	AL	WFHK	Pell City 06/01 2116 Country music. Good signal with slight fading. "Your hometown radio station, WFHK". (IEN-GA)
	TN	WPLN	Madison 06/01 2200 TOH ID into NPR News. Good signal with slight fading. "Nashville's Talkradio, WPLN". (IEN-GA)
1440	TN	WZYX	Cowan 06/01 2053 Oldies. Good, steady signal. "WZYX gives you the most for your advertising dollar". (IEN-GA)
	GA	WGIG	Brunswick 06/01 2100 TOH ID into newscast. Good signal mixed w/ WZYX "Real Radio, 1440, WGIG, Brunswick". (IEN-GA)
1470	IL	WMBD	Peoria 05/07 2205 ABC News, Rush Limbaugh AD, Local Weather Forecast into The Best of Art Bell. Good signal with slight fading. "1470, WMBD." (IEN-GA)
1480	GA	WYZE	Atlanta 5/16 0750 Gospel Mx, and ads for upcoming concerts. Atlanta area weather and traffic. Decent, steady signal along with the morning static. "Atlanta's Gospel Voice." (IEN-GA)
1500	GA	WDPC	Dallas 5/15 1800 Gospel mx. Good, steady signal with Oldies buried underneath. "You're listening to WDPC in Dallas, GA. You're spending your day with the Lord." (IEN-GA)
1510	SC	WDRF	Woodruff 06/02 2000 Show about College Baseball in South Carolina, TOH ID into USA Radio News. Decent signal with fades. "Radio 1510, WDRF, Woodruff". (IEN-GA)
1530	GA	WTTI	Dalton 06/02 1932 Gospel music. Decent signal mixed with the evening static. "WTTI in Dalton". (IEN-GA)
	TX	KZNX	Creedmore 05/08 0035 NBA Playoffs. Dallas Mavericks 116 Houston Rockets 76. Strong over WCKY with slight fades. "Austin's ESPN Radio." (IEN-GA)
1570	TN	WCLE	Cleveland TN 05/28 0011 Baseball Game. Decent signal fading in and out of the mix. "This is 1570, WLCE Cleveland." (IEN-GA)
1590	IL	WAIK	Galesburg 05/07 2212 ABC News, Chicago White Sox Spot into Oldies. Decent signal in the mix with fades. "...on WAIK." (IEN-GA)
	AL	WVNA	Tusculumbia 04/07 1950 Popped up just long enough for an ID, and commercial for Colonial Bank. Then gone. (CJG-KY)
			UN-IDEN
1510	??	????	5/14 2100 C&W mx Strong in WLAC Null. Faded before TOH. (IEN-GA)

1510 ?? ???? 05/18 2100 Country music. Good signal up over WLAC in Nashville, TN.
 Faded away just before the TOH ID. (IEN-GA)
 1670 ?? ???? 5/14 2035 Man & Woman in SS. Good signal with fades. No trace of WMWR
 in Warner Robbins, GA Have they changed formats? (IEN-GA)

That is it for this week. Thanks to Ira we had something to do this week. We should be back on a regular schedule for the summer. I did our companies Broadcast show the day before the Dayton Hamfest. Then I spent the weekend at the Hamfest. Was back in FL for a day before flying to San Francisco to host a SBE lunch and visit with KSCO in Santa Cruz. Had a good time AND racked up a TON of Delta Sky Miles. Got back totally exhausted!!! In the middle of all that, Penny had to spend a week in Washington DC... what a "crazy month" we had. Now it's back to the reprint project and some TV DX'ing. Been playing around with a Humax HD Tuner. Really cool!! 6/04 1000.....

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – P.O. Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net all times UTC

Greetings everyone,

Not a lot of tips this time around here. But next time probably more as the guys are out at Grayland WA again. Hopefully they will nab some goodies. I peaked up my EWE antenna a bit this afternoon without being run over by cows. The last time I was out there they all wanted to watch and I even has their snoot's in my face. A bit too friendly. hi. I did get a decent tentative logging a few weeks ago on Kosrae (Micronesia) 1503. Plus there is a new X Bander on 1710 in Argentina. I may have had bits of that a few days ago. So away we go.

PAN AMERICAN DX ROUNDUP

1710 **UNID** Man and woman in what sounded like SS at 0530 UTC 6/2. Lots of noise and static. CX seemed AU that night. Argentina? There is a new X Band there. After logging three others in the past, this seems quite possible. Will keep trying. (PM-OR)

TRANS PACIFIC DX ROUNDUP

612t **AUSTRALIA**, Brisbane 4QR 5/28 1102 UTC. National Rugby League game with two play-by-play men, score announced as Parramatta Eels 26, Sharks 16, armchair quality at times //702. Fair to poor. (5P-HI)
 630 **AUSTRALIA**, Townsville 4QN 5/27 1058 UTC Man doing stand up routine with audience lagging, jingle and woman w/accnt. "ABC Local Radio Queensland" news theme and ABC nx w/woman, state wx annt "This is ABC Radio Queensland" Male w/prm. Very poor, local QRM, deep fades. (5P-HI)
 1503t **MICRONESIA**, Kosrae, V6AJ, coming in fair to weak with terrible KUMU 1500 Honolulu splatter. From 0830-0904 UTC 5/15 with non stop older C&W hymns (Johnny Cash, Tammy Wynette, etc), heavily accented male anc mostly buried by the KUMU splatter, but sounded like "... V6AJ... Kosrae..." time check 5 minutes past 7" into presumed Korraen Island mx, some Radio Sport (NZ) QRM also on 1503. I have had other tentatives on this one but never this strong. Listed at 1 KW. Tonga 1017 really loud too. I sent a taped report out. Hopefully I'll get a reply. (PM-OR)

VERIFICATIONS

1630 **MEXICO**, Tijuana BCN, XEUT Radio Universidad, nice certificado de Sintonia, stickers, program bulletin for March/April, postcard and a CD in 175 days for EE report, \$1 and a CD of what I heard. Signed by Angel Norzagaray, Secretario de Rectoria e Imagen Institucional and Patricia Aviles Munoz, Jefa de Sistema Universitario de Radio. (MF-CA)

THANKS TO THESE REPORTERS

MF-CA - **MARTIN FOLTZ**, Mission Viejo, CA martinfoltz@cox.net
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 DXing with Drake R8, Drake SPR4, Kenwood R1000, EWE Antenna, 1500' Eastern beverage.

Report from: **Craig Edwards**, Adelaide, South Australia

Well it's been an incredibly busy month. Our relocation from Townsville to Adelaide is now complete as my wife and I finally obtained the keys to our house so we could get the two moving trucks full of our junk unloaded. For those who have done an interstate relocation know of the logistical nightmare

and endless boxes and boxes or stuff to deal with. Needless to say I haven't had time to write up the loggings from the Townsville to Adelaide via the Northern Territory travelling DXpedition. I'm working at Murray Bridge in their health service, on the down side, I have to drive 90km each way between there and our home in Mawson Lakes (Adelaide) - that's starting to lose it's novelty. The up side is that Murray Bridge is only 70km away from the start of the Coorong - the Mecca of Mediumwave for SA DXers. So on a couple of the Friday afternoons after work I've stayed overnight at a caravan park cabin in Meningie. I've set up a very very basic EWE without coax or a balun as they are all packed away. Electrically the caravan park in very noisy, despite this on both mornings there were some very promising catches, particularly Djibouti 1539. This park wasn't used as a potential DX site but was rather a nice comfortable cabin with an ensuite to use as a home base. On both Saturdays I went exploring around the Coorong for possible overnight and more isolated DXpedition sites. My wife has given approval for me to stay at the Coorong on some Friday nights so on Saturday mornings I could go for Europe and then drive home and be back to my wife and regular society by lunchtime. Oh well, better go and start typing up those NT DXpedition logs.

CE: **Craig Edwards**, Coorong, South Australia.

DXing from a caravan park cabin in Meningie (150km south of Adelaide).

Using Icom R75 (off 12V DC), pre-amp and EWE facing Asia/Europe on April 16th and April 30th

630 2116 RRI Makassar, Sulawesi. Poor under 4QN as the band was just about dead after sunrise, noted with male talks in Indo // 4750 (CE)
 666 2045 DZRH Metro Manila, Philippines. Fair over the mush with Tagalog news & weather then canned DZRH IDs (CE)
 765 2035 CNR Fujian, China. Fair for only a couple of minutes with typical CNR musical show, noted during a period of dead air after the news on 5CC (CE)
 774 2030 RRI Fak Fak, Irian Jaya. Nice signal here with ID and then into music program, easy catch despite big 50kW 3LO powerhouse also on 774 (CE)
 909 1141 RRI Sorong, Irian Jaya. Good here in the clear with fairly subdued Indo talks and easy listening music show (CE)
 909 2017 VOA, Sebele Pikwe, Botswana. Poor with VOA Africa pgm in EE with surprising no sign of RRI Sorong (CE)
 954 1132 DZEM Bulacan, Philippines. Fair at times but only noticed during talkback bits on 2UE, usual Tagalog religious program (CE)
 1035 2003 CNR1, China. Fair and in the clear with Chinese musical // 6030 (CE)
 1169 1933 IRIB Sarasary, Iran. This one still here off-channel with male talks in presumed Farsi (CE)
 1170 2013 DXMR Zamboanga, Philippines. Good here with news items and dramatic music between each piece (CE)
 1215 1110 DYRF Cebu City, Philippines. Poor here with religious programming in Tagalog under 4HI (CE)
 1233 1948 TWR Cape Greco, Cyprus. Nice signal here in Arabic well over 2NC. Noted at 2125 with possible Radio Canada International ID (but didn't have tape running) in Arabic then into male commentary (CE)
 1260 1100 DZEL Lucena City, Philippines. Poor under 3SR with Eagle Broadcasting Corporation ID & DZEL canned IDs (CE)
 1260 2043 DXRF Davao City, Philippines. Fair here on a nice peak over mush of 3SR, 6KA and Sawa. News items and DZRH canned IDs so obviously relaying DZRH 666 overnight (CE)
 1260 2001 Radio Sawa, Dodecanese Islands. Good strength but big interference from 3SR, noted with news service in Arabic (CE)
 1287 2040 DXRC Zamboanga City, Philippines. Fair with series of Super Radyo IDs (CE)
 1296 1040 DXAB Davao City, Philippines. Good heard with program from the Vatican about Pope John Paul II in Tagalog (CE)
 1323 1858 BBC Zyyi, Cyprus. Poor here with interval signal & BBC World Service news, heard under SEN Adelaide. Fortunately SEN was a wobbly signal and wouldn't surprise me if they are operating well under 2kW (CE)
 1359 1033 Family Radio, Taiwan. Good hear in Indo with sermon over 4WK (CE)
 1359 2050 CNR, China. Fair in Chinese // 1035 mixing with Family Radio Taiwan in English (CE)
 1386 1358 NHK2 Network, Japan. Fair here over another unid Asian, maybe HLAM. English language lessons then into NHK ID and English news (CE)
 1413 2005 BBC Masirah Island, Oman. Poor here with BBC World Service news noted in a slight delay to 2EA also covering BBC WS (CE)
 1449 1924 IRIB Bandar-e-Torkamen, Iran. Poor signal with presumed Farsi chants under 2MG (CE)
 1512 2055 DYAB Cebu City, Philippines. Good signal with IDs every few seconds, more IDs than program content - wish more stations did this!!! (CE)
 1530 1911 VOA, Pinheira, Sao Tome & Principe. Poor in French here mixing with 2VM (CE)
 1539 1845 Radiodiffusion Vision Djibouti, Djibouti. Great surprise to hear this in presumed Afar language with sensational exotic music. Took a wild guess and checked 4780 to find this in //

- but 1539 was stronger - amazing!!! Heard well throughout the morning, including commentaries at 1915, thank goodness 5TAB 1539 is not 24 hours yet (CE)
 1566 2112 AIR Nagpur, India. Good here with typical Indian music show // 9425 (CE)
 1575 1830 Radio Farda, Al-Dhabbaya, United Arab Emirates. Nice signal in presumed Farsi with IDs and then into funky music well over 2RF (CE)
 1593 1957 CNR1 China. Big signal here with interval signal then into ID & male talks in Chinese (CE)

DX WORLDWIDE - EAST

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

E-mail: bjordan@bcdx.org all times UTC

Very nice south of the equator logs from Mark Connelly. Looks like Paraguay has become a regular for Mark, hi!

*** TRANS-ATLANTIC DX ***

- 549 **ALGERIA** Alger Chaîne 1, Les Trembles, JUN 2 0132 - Arabic vocal; poor to fair. [Connelly*rw-MA]
 576 **CANARY ISLANDS // SPAIN** RNE R.5 synchros, JUN 2 0131 – Spanish news; poor to fair. [Connelly*rw-MA]
 603 **SPAIN** RNE R.5 synchros, MAY 5 0024 - // 855 with Spanish talk by woman; poor to fair. [Connelly*R-MA]
 612 **MOROCCO** RTM A, Sebaa-Aioun, MAY 5 0015 - // 207 with male Arabic vocal, strings, and back-up group; to good peak. [Connelly*R-MA]
 + JUN 2 0139 - group Arabic vocal; shallow audio on good carrier. [Connelly*rw-MA]
 621 **CANARY ISLANDS // SPAIN** RNE R.1 synchros, Santa Cruz de Tenerife et al., MAY 5 0028 - // 855 with Spanish teletalk; way over other station. [Connelly*R-MA]
 + JUN 2 0130 - absolutely HUGE with news in Spanish... loudest TA by a wide margin. [Connelly*rw-MA]
 648 **unID** JUN 2 0144 - didn't sound like Spain (and anything farther north would have been aurorally suppressed), maybe Azores or an African. Music noted at times did sound African. Is Gambia still off air? [Connelly*rw-MA]
 684 **SPAIN** RNE R.1, Sevilla, MAY 5 0036 - // 855 with Spanish newstalk; very good with WRKO phased. [Connelly*R-MA]
 + JUN 2 0144 - // 774 with man in Spanish; good with WRKO phased, the best mainland European noted. [Connelly*rw-MA]
 693 **AZORES** Centro Regional da RDP, Terceira, MAY 5 0007 - // 837 with man & woman in Portuguese; at low audio level on fat carrier. [Connelly*R-MA]
 + JUN 2 0128 – Portuguese music; poor. [Connelly*rw-MA]
 711.06 **WESTERN SAHARA** RTM, Laayoune, MAY 4 2300 - Arabic talk by man; through CHTN-720 slop. [Connelly*R-MA]
 774 **SPAIN** RNE R.1 synchros, MAY 5 0038 - man & woman in Spanish; loud. [Connelly*R-MA]
 + JUN 2 0145 - // 684 with Spanish talk; poor to fair over others. [Connelly*rw-MA]
 783 **MAURITANIA** R. Mauritanie, Nouakchott, MAY 5 0004 - rustic North African group vocal with drums and blues guitar, then woman in Arabic; LOUD!
 + MAY 5 0041 - bluesy vocal & guitar plucking; strongest TA - bombing in at S9+25 dB! [Connelly*R-MA]
 + JUN 1 2350 - man in Arabic; to fair peak. Shortwave outlet had problems with audio at times, medium wave was fine.
 + JUN 2 0017 - Arabic talk // 4845; fair to good. [Connelly*rw-MA]
 801 **SPAIN** RNE R.1 synchros, MAY 5 0043 - // 774 with woman in Spanish; in PJB-800 slop. [Connelly*R-MA]
 819 **MOROCCO** RTM, Rabat, MAY 5 0028 - // stronger 612 with flute music, talk by woman; at low audio level on good-strength carrier. [Connelly*R-MA]
 837 **AZORES** Centro Regional da RDP, Pico da Barrosa, MAY 5 0001 - Portuguese news; mixed with others. [Connelly*R-MA]
 + JUN 2 0154 - // 693 with Portuguese music, talk; dominant over Canaries. [Connelly*rw-MA]
 855 **SPAIN** RNE R.1 synchros, MAY 5 0024 - // 603 with woman in Spanish; fair. [Connelly*R-MA]
 864 **FRANCE** France Bleu, Villebon-sur-Yvette, MAY 5 0054 - romantic male-female duet vocal; fair. [Connelly*R-MA]
 873 **SPAIN** SER synchros, MAY 5 0055 - // 1116 with phone interview; fair. [Connelly*R-MA]
 882 **CANARY ISLANDS // SPAIN** COPE synchros, JUN 2 0009 – Spanish teletalk with man & woman; fair. [Connelly*rw-MA]
 890.98 **ALGERIA** Chaîne 1, Algiers, MAY 5 0056 - man yelling in Arabic; huge. [Connelly*R-MA]

- 945 **FRANCE** France Info, Toulouse, MAY 5 0059 - // 1377 with tropical music; fair to good. [Connelly*R-MA]
 981 **ALGERIA** RTVA Chaîne 2, Algiers, MAY 4 2305 - Arabic vocal; over unID talker; to fair peak with WCAP phased. [Connelly*R-MA]
 1008 **CANARY ISLANDS** Punto Radio, Las Palmas, MAY 5 0111 - non-SER Spanish talk; atop Holland and Spain. [Connelly*R-MA]
 1008 **NETHERLANDS** R. 10 Gold, Flevoland, MAY 5 0110 - "The Beat Goes On" by Sonny & Cher; briefly atop Canary Islands & Spain. [Connelly*R-MA]
 1017 **SPAIN** RNE R.5 synchros, MAY 5 0112 - Spanish teletalk; to fair peak. [Connelly*R-MA]
 1044 **MOROCCO** Sebaa-Aioun, MAY 4 2308 - rustic Berber style music; noted in tight phase null of WBZ IBOC glop that was spread all the way from 1034 to 1046. Nulling the WBZ crud didn't allow me to put full null on WEPN-1050 at about a 50° bearing difference. A bit of CJMS-1040 chatter after knocking out 1050 was all I ever had to worry about pre-IBOC. [Connelly*R-MA]
 1044 **SPAIN** SER synchros, MAY 5 0122 - // 1116 with Spanish teletalk; good. [Connelly*R-MA]
 1071 **SPAIN** Euskadi Irratia, Bilbao, MAY 5 0136 - // 1197 with Spanish talk by woman; through bad CBA slop. [Connelly*R-MA]
 1088 **ANGOLA** R. Nacional, Mulenvos, JUN 2 0051 - female vocal; weak. [Connelly*rw-MA]
 1089 **UNITED KINGDOM** TalkSport synchros, MAY 5 0128 - English teletalk; poor to fair. [Connelly*R-MA]
 1098 **SPAIN** RNE R.5 synchros, MAY 5 0129 - // 774 with echoey Spanish talk; loud. [Connelly*R-MA]
 1116 **SPAIN** SER synchros, MAY 5 0055 - // 873 with Spanish teletalk/interview; fair. [Connelly*R-MA]
 1125 **SPAIN** RNE R.5 synchros, MAY 4 2312 - Spanish talk; barely over others. [Connelly*R-MA]
 1134 **CROATIA** Glas Hrvatske, Zadar, MAY 4 2250 - Slavic talk by man & woman; fair. [Connelly*R-MA]
 1143 **SPAIN** COPE synchros, MAY 4 2349 - // 1224 with Spanish talk, teletalk; fair to good. [Connelly*R-MA]
 1152 **SPAIN** RNE R.5 synchros, MAY 4 2350 - // 1503 with folk Spanish duet with acoustic guitar; good. [Connelly*R-MA]
 1179 **CANARY ISLANDS // SPAIN** SER synchros, MAY 5 0134 - // 1116 with light music; excellent. [Connelly*R-MA]
 + JUN 2 0055 – Spanish teletalk; fair. [Connelly*rw-MA]
 1196.7 **unID** MAY 4 2355 - Angola the probable off-channel station here, creating het against Spain/others-1197. [Connelly*R-MA]
 1196.8 **ANGOLA (t)** JUN 2 0057 - the probable source of the het against 1197 during African opening. [Connelly*rw-MA]
 1197 **SPAIN** Euskadi Irratia, Vitoria, MAY 5 0136 - // 1071 with woman in Spanish; good. [Connelly*R-MA]
 1197 **unID** JUN 2 0057 - mostly just carrier, bits of religious-sounding music; Lesotho suspected. [Connelly*rw-MA]
 1206 **FRANCE** France Info, Bordeaux, MAY 4 2247 - French discussion, interview; fading up. [Connelly*R-MA]
 1224 **SPAIN** COPE synchros, MAY 4 2349 - // 1143 with Spanish teletalk; poor. [Connelly*R-MA]
 1287 **SPAIN** SER synchros, MAY 5 0138 - // 1116 with jazz, talk by woman; poor. [Connelly*R-MA]
 1296 **SPAIN** COPE, Valencia, MAY 5 0140 - Spanish interview & teletalk; good. [Connelly*R-MA]
 1359 **SPAIN** RNE, Arganda del Rey, MAY 5 0143 - // 1098 with woman in Spanish; loud. [Connelly*R-MA]
 1377 **FRANCE** France Info, Lille, MAY 5 0059 - // 945 with tropical music; to fair peak through WMYF-1380 slop. [Connelly*R-MA]
 1422 **GERMANY** Deutschlandfunk, Heusweiler, MAY 5 0144 - classical music; excellent. [Connelly*R-MA]
 1431 **DJIBOUTI** R. Sawa, Arta, MAY 5 0145 - Arabic vocal, talk by man & woman; to good peak. [Connelly*R-MA]
 1503 **SPAIN** RNE R.5 synchros, MAY 4 2350 - // 1152 with Spanish folk vocal & guitar; good. [Connelly*R-MA]
 1521 **SAUDI ARABIA** BSKSA, Duba, MAY 4 2232 - // 9555 & 9870 with man in Arabic; fair to good, more than an hour before sunset. [Connelly*R-MA]

*** PAN-AMERICAN DX ***

- 530 **TURKS & CAICOS** R. Vision Cristiana Internacional, South Caicos, JUN 2 0134 - gospel choir and organ, woman in Spanish, man with slogan "la emisora del Dios", phone number given, then male vocal; strong, over Madeira-531 het. No sign of the Cuban being reported on 530 by several Florida DXers. [Connelly*rw-MA]
 535 **GRENADA** GBC, St. George's, JUN 2 0136 - soul music; through RVCI slop. [Connelly*rw-MA]

555 **ST. KITTS & NEVIS** R. ZIZ, Basseterre, JUN 2 0137 - English talk; in bad WGAN slop. [Connelly*rw-MA]

580 **VENEZUELA** YVMJ, Maracaibo, MAY 5 0020 - Venezuelan adverts; over HIAF/WKAQ/WTAG. [Connelly*R-MA]

640 **GADELOUPE** R. Guadeloupe, Pointe-a-Pitre, MAY 5 0127 - man in French; over CBN/WNNZ/YVQO. [Connelly*R-MA]

+ JUN 2 0129 - man in French; over CBN. [Connelly*rw-MA]

640 **VENEZUELA** Union R., YVQO, Puerto La Cruz, JUN 2 0101 - // 1090 with fast Spanish newstalk; briefly over Guadeloupe, CBN, and Spain-639 het. [Connelly*rw-MA]

670 **CUBA** R. Rebelde, CMQ, Arroyo Arenas, MAY 5 0031 - // 5025 with Cuban political speech; over Venezuela. [Connelly*R-MA]

680 **PUERTO RICO** WAPA, San Juan, MAY 5 0034 - Puerto Rican news; good with WRKO phased. [Connelly*R-MA]

750 **VENEZUELA** RCR, YVKS, Caracas, MAY 5 0037 - RCR ID, Spanish talk; dominant over CBGY. [Connelly*R-MA]

760 **BRAZIL** R. Uirapurú, ZYH588, Fortaleza, JUN 2 0020 - pop female vocal, then Portuguese talk with Uirapurú ID; fair. [Connelly*rw-MA]

760 **COLOMBIA** RCN, HJAJ, Barranquilla, MAY 5 0107 - // 1000 with RCN Spanish talk; dominant over Brazil, Venezuela, others. [Connelly*R-MA]

780 **VENEZUELA** R. Coro, YVMN, Coro, MAY 5 0042 - Coro mention; slightly over jumble of CFDR & others, badly slopped by huge signal of adjacent Mauritania-783. [Connelly*R-MA]

+ JUN 2 0128 - rustic flute music, "en Coro" mention, phone numbers; dominant. [Connelly*rw-MA]

800 **NETHERLANDS ANTILLES** Trans-World Radio, PJB, Bonaire, MAY 5 0045 - piano music, then ID in Spanish as "Radio Transmundial"; dominant over domestics. [Connelly*R-MA]

+ JUN 2 0016 - Haitian Creole French religious talk; over Canadians with WNNW phased. [Connelly*rw-MA]

820 **ST. KITTS & NEVIS** Trinity Broadcast Network / R. Paradise, Charlestown, MAY 5 0048 - talk mixing apocalyptic religion and politics; scriptural references and mentions of the nuclear arsenals being built in Iran and North Korea; way over WNYC. [Connelly*R-MA]

+ JUN 2 0012 - preacher talked about new features on the TBN web site "www.tbn.org"; good. [Connelly*rw-MA]

840 **BRAZIL** R. Bandeirantes, ZYK687, Sao Paulo, JUN 2 0152 - Portuguese talk by man; fair over jumble. [Connelly*rw-MA]

860 **CUBA** CMBL, Arroyo Arenas, MAY 5 0103 - "RR" code beeps in the midst of a huge pile-up of unintelligible Latin American signals. [Connelly*R-MA]

910 **VENEZUELA** YVRQ, RQ-910, Caracas, MAY 5 0057 - "RQ" (erray-coo) ID's; loud, way over WABI. [Connelly*R-MA]

1000 **BRAZIL** R. Record, ZYK522, Sao Paulo, MAY 5 0108 - fast Portuguese talk came up over the Colombian. [Connelly*R-MA]

+ JUN 2 0123 - fast Portuguese talk including Sao Paulo store adverts; loud, way over WCMX & Venezuela. [Connelly*rw-MA]

1000 **COLOMBIA** RCN, HJAQ, Cartagena, MAY 5 0107 - // 760 with man in Spanish; over jumble. [Connelly*R-MA]

1020 **CUBA** R. Reloj, MAY 5 0116 - "RR" beeps getting through YVRS, YVMX, and ZP14. [Connelly*R-MA]

1020 **VENEZUELA** R. Calendario, YVMX, Maracaibo, MAY 5 0120 - Radio Calendario ID momentarily atop the pile. [Connelly*R-MA]

1020 **VENEZUELA** Mundial Margarita, YVRS, La Asuncion, MAY 5 0115 - Mundial Margarita ID; rising up over ZP14, YVMX, and Cuba for a while. [Connelly*R-MA]

1020.06 **PARAGUAY** R. Nanduti, ZP14, Asuncion, MAY 5 0114 - The log of the evening! A bit of Andean style music, then reverberated Spanish talk (that had an accent making it sound a bit like Portuguese), two Nanduti mentions; briefly atop the pile with a low growl from the slight frequency offset. The last time I heard Paraguay from MA was on 645 back in the '70s. [Connelly*R-MA]

+ JUN 2 0112 - lots of talk by man, then a woman phone-in with an Asuncion mention; best copy in 1.8 kHz filter upper sideband which rendered Nanduti's audio clearer than the competing audio from 60-Hz-lower Margarita. [Connelly*rw-MA]

1039.6 **VENEZUELA** La Voz de Carabobo, YVLB, Valencia, JUN 2 0109 - festive music & obnoxious het against Brazil-1040; poor. [Connelly*rw-MA]

1040 **BRAZIL** R. Capital, ZYK537, Sao Paulo, JUN 2 0109 - reverberated Portuguese talk by man; in jumble, occasionally over it. [Connelly*rw-MA]

1060 **BRAZIL** JUN 2 0108 - probably Mossoro (less likely Belo Horizonte or Itajuba): man & woman in Portuguese; through blank carrier that was probably WBIX. Spanish talker noted under turned out to be Dominican Republic. [Connelly*rw-MA]

1060 **DOMINICAN REPUBLIC** R. Amanecer, HIRV, San Pedro de Macoris, JUN 2 0201 - Spanish religious programming and jingle "Radio Amanecer... la voz de la esperanza"; over Brazil,

KYW, others with WBIX seemingly off. Thanks to Mike Westfall (NRC) for ID help. [Connelly*rw-MA]

1080 **VENEZUELA** YVQJ, R. Barcelona, Barcelona, MAY 5 0125 - Radio Barcelona ID, folk style vocal; mixed with WTIC. [Connelly*R-MA]

1090 **VENEZUELA** Union R., YVSZ, Caracas, MAY 5 0128 - Union Radio mention, news in Spanish; under WBAL. [Connelly*R-MA]

+ JUN 2 0051 - Venezuela news; fair over Angola-1088 het. [Connelly*rw-MA]

1100 **BRAZIL** R. Globo, ZYK694, Sao Paulo, MAY 5 0130 - reverberated sports-related Portuguese talk; good with WTAM phased. [Connelly*R-MA]

+ JUN 2 0049 - Portuguese sports coverage mentioning a Sao Paulo team; good, alone on channel. [Connelly*rw-MA]

1110 **VENEZUELA** R. Carupano, YVQT, Carupano, MAY 5 0131 - Venezuela & Carupano mentions, then Spanish version of "Alone Again Naturally"; dominant. [Connelly*R-MA]

+ JUN 2 0105 - advert with phone numbers, location was "en Carupano!"; LOUD. [Connelly*rw-MA]

1130 **BRAZIL** MAY 4 2320 - Belem or Rio de Janeiro here with Portuguese talk, country-influenced vocal, "cultura" mention; in WBBR null. [Connelly*R-MA]

1160 **BERMUDA** VSB3, Hamilton, JUN 2 0045 - excellent with BBC talk about African music and a performer from Mali. Audio was delayed a full 15 seconds from parallel 5975. [Connelly*rw-MA]

1170 **COLOMBIA** CARACOL, HJNW, Cartagena, JUN 2 0104 - CARACOL mention barely over an unruly jumble of signals. [Connelly*rw-MA]

1180 **BRAZIL** JUN 2 0101 - Rio de Janeiro or Sao Luis possible as the source of Portuguese talk heard way behind dominant Cuba. [Connelly*rw-MA]

1180 **CUBA** R. Rebelde, Villa Maria, JUN 2 0101 - // 5025 with Spanish political talk; way over Portuguese talker (Brazilian) and 1179 Canaries het. [Connelly*rw-MA]

1190.07 **unID** JUN 2 0100 - something a bit off to the high side of channel with Latin American music; growl against WLIB-1190.00. No ID at the top of the hour. [Connelly*rw-MA]

1200 **VENEZUELA** R. Tiempo, YVOZ, Caracas, JUN 2 0056 - Radio Tiempo ID, Spanish talk; under WKOX. [Connelly*rw-MA]

1200 **unID** MAY 5 0139 - Venezuela suspected as the Spanish talker over WKOX. [Connelly*R-MA]

1280 **BERMUDA** VSB2, Hamilton, JUN 2 0041 - group hymn; well over WFAU-ME & WEIM-MA. [Connelly*rw-MA]

1620 **US VIRGIN ISLANDS** WDHP, Fredriksted, St. Croix, JUN 2 0025 - WDHP ID, Caribbean music; to good peak over Boston-area Haitian-culture pirate. [Connelly*rw-MA]

*** CONTRIBUTOR ***

Mark Connelly MarkWA1ION@aol.com = Rockport, MA, USA (GC= 70.622 W / 42.667 N)

(Granite Pier)

Receiver: Drake R8A, Antenna systems (cardioid array on roof of car): Vertical: 3 m whip to 81:1 transformer to DX Engineering RPA-1 amplifier; Broadband loop in vertical plane: square, 2 m per side, to 1:1 transformer to W7IUV amplifier, peak 80/260°, null 170/350°, Accessories: DXP-6 and Superphaser-2 phasing units

[Connelly*rw-MA] Mark Connelly **MarkWA1ION@aol.com** = Rowley, MA, USA (GC= 70.829 W / 42.745 N) Stackyard Road / Parker River - Nelson Island wildlife refuge: salt-marsh
Receiver: Drake R8A, Antennas (cardioid array on roof of car): Vertical: 3 m whip to 81:1 transformer to DX Engineering RPA-1 amplifier; Broadband loop in vertical plane: square, 2 m per side, to 1:1 transformer to W7IUV amplifier, peak east-west, null north-south, Accessories: DXP-6 and Superphaser-2 phasing units

That's all for this issue. 73, Brandon.

DX FORUM

Richard C. Evans – 7416 Hearthstone Wy – Indianapolis IN 46227-7923

E-mail: REvans5435@aol.com

DEADLINES: Sundays

Deadlines: 6/19, 7/3, 7/17, 7/31, 8/28

Martin Foltz, 25102 Pradera Drive, Mission Viejo, California 92691

A few weeks ago I found a source for plastic sheet protectors for my bumper stickers and for 5"x7" sized cards, 20th Century Plastics. I have about 30 stickers from stations verified in CA and I have bumper stickers from my 1970's listening days in Michigan in the attic still in the envelopes. These should be in a notebook in time for the convention. Three months left in the 2004/2005 DX season and I've hit most of my goals that I set in September. Not much time to DX lately, I took the month of May off. Hopefully it will calm down around here so that I can listen more. I finally figured out how to set up my station log (Microsoft Excel) to automatically count stations heard and verified by state.

Now I just add the new station in the log page and the statistics page is updated. Two small milestones were reached when I hit the 40% of stations heard are verified mark and the 70% return rate mark. I enjoyed Paul LaFreniere's season synopsis. It's encouraging to see that Paul heard over 100 new stations when his totals are above 1000! I'm only closing in on the 300 mark. Currently scanning in all my shortwave utility station varies, about half done. 73's Martin

Richard Evans, 7416 Hearthstone Way, Indianapolis, Indiana 46227-7923

Only five issues left after this one until Labor Day and the start of the next DX year, hi. Seems like it is just around the corner. Martin mentions meeting most of his goals for the year already. My goal was to hit the 400 heard mark by the end of the year, so I guess I can say I made that goal. I heard number 543 this morning with WKCU-1350 for my ninth Mississippi station here. Frank Merrill was here on 5/28 and we had a good talk, ranging over many subjects. I surprised him by being able to tell my wife (and him) the directions to the house he was living in back in May, 1965 when we first met. I was also able to describe the insides of his house, even after forty years, hi. He was here late enough that I was able to demonstrate that I do get a fairly decent signal from WAIK-1590 over my local WNTS, with their towers just five miles north of here. It is a fun way to demonstrate how well the loop works with both signals not bothering each other very much, depending on which way the loop is facing. One station he was asking was if I had heard WBNL-1540 in Boonville, IN. I hadn't because of a little problem called Martinsville, IN on that frequency. Martinsville isn't that far from here. However, five days later, I did catch WBNL, albeit extremely weak, under KXEL but with a distinct mention of Boonville. I also showed Frank my computer logs for the various places I have DXed and how easy it is find things on it. I also showed him the combined log I have kept tying the eight different locations together. It's hard having to start a log over again when moving but this helps keep that interest up. Perhaps by the next column, I will remember to go in and see how many stations I have heard at all the different spots. My guess it is somewhere between 30 and 40, but each time I move, it seems to drop a few. The big changes that the FCC, conditions and technology have brought over the years is responsible for that. Example: I used to hear KSL-1169 in many places but I haven't heard them in many years. One last thought--I have had good results at finding stations carrying the different baseball teams by using the search engine on the internet. I type in the name of the team like Chicago Cubs radio affiliates, and it will come back with the web site for it. Then, I printed out the list for future reference. 73.

IRCA TECHNICAL COLUMN

Nick Hall-Patch – 1538 Amphion St – Victoria, BC, Canada V8R 4Z6
E-mail: nhp@ieee.org

DXing 'Over Your Shoulder' with Beverages A Comparison Test: March 2005 John H. Bryant

Over the past 15 years, I've been using relatively short Beverages, *unterminated*, at my home QTH in Oklahoma, USA. These low wires (average height about 6 to 8 feet) vary in length from 450 to 750 feet. I've found that such wires were useable directional antennas with very good lobes off of each end. For about four of those years, I operated a "half-wagon wheel" of Beverages of that general length with the wires running East, SE, South, SW and West from a central point in my back yard. At the time, I was primarily interested in SWBC DXing on the Tropical Bands (from 2.5 to 5.5 MHz.) and could use each antenna directly, of course: that is, I could use the SE wire to look to my southeast for South America and for southern Africa. Happily, I could also use that SE antenna "over the shoulder" to look to my *northwest* along my Great Circle route to East and South Asia. In essence, by leaving the Beverages unterminated and thus bi-directional, I was really operating quite nearly as if I had twice as many Beverages spread out in a full wagon wheel.

Using a simple unterminated single-wire Beverage antenna[1] as a bi-directional device is well known in the literature, of course, and carries with it at least two inherent penalties:

- By its nature, an unterminated Beverage is bi-directional and thus *does not reject anything* off the backside.
- The signals coming "over the shoulder" from the normal backside of the antenna travel the length of the Beverage, going away from the receiver, hit the far end and are reflected back to the receiver. There is an **inherent signal loss** in this reflection and longer trip. Authorities and modeling programs differ slightly as to how much the "backside" signal is attenuated, but most tend to focus on **4 to 6 dB**.

Over the past year, my Northwest MW DXing buddies and I have become quite interested in reverting to "12 Volt DC DXing" from automobiles and campsites on the Pacific seashore. Our beloved Grayland Motel is for sale and we are anticipating the loss of that near-perfect layout, with antennas of optimum length running in the correct direction and terminated virtually in the surf at high

tide. We foresee many situations where we can get our vehicles quite close to the shore, but where we will be so close that there simply is not room to run a Beverage out toward the sea. There are a number of familiar venues, however, where we could be DXing very near the shore itself and run antennas directly inland through the scrub or forest behind the beach itself. Unterminated, we could then use these antennas to DX the far Pacific shore "over the shoulder."

As we discussed these issues, there was quite a bit of disagreement as to just how much loss this "over the shoulder" approach might entail. Some of us held with the published "4 to 6 dB" figure... and felt this to be a negligible amount, while others held with equal sincerity that the loss could be much greater. I volunteered to run a field test this winter in my home area of central Oklahoma where the roads run, literally, straight for mile after mile and where it is more or less one big flat cow pasture... ideal for testing directional antennas.

Test Arrangement

My automobile/DX shack was parked at the crest of a very gentle hill, with the antennas extended North and South from the vehicle, along the roadside tree line and suspended from the lower branches. The road runs absolutely North-South. The antennas were two new 500 foot Beverages. When laid side-by-side, one was about 3 feet longer than the other, but was not trimmed (the South antenna was the longer). The slope of the hill was equal in both directions and was such that the far end of each antenna was about ten feet lower than the automobile. The Beverages each went to one of a matched pair of new impedance transformers, then through identical 6' lengths of coax to an antenna switch and thence to an NRD-535 which was used to compare signal strengths on each antenna for a number of stations.

The stations to be measured were selected to be spread across the MW dial and to be those lying directly to the North or South of my location. Each station measured put in a moderately strong signal, varying in strength from 1280-Arkansas City, KS which came in at around S-8 to 640-Norman, OK, which put in an S-9+10 dB signal.

The tests were run at solar noon, with no thunderstorms present or audible on the band. The signals were exceptionally steady and were each the only station audible on the channel. The signal strengths were measured twice, about 10 minutes apart and are (both) presented below in a relativist chart.

Stations to the SOUTH

Frequency	Location	North	South	Comments
640 kHz	Norman, OK	equal	equal	Absolutely equal on both antennas!
1000 kHz	Oklahoma City, OK	---	+6 dB, +6 dB	
1450 kHz	Shawnee, OK	---	+3 dB, +3 dB	

Stations to the NORTH

Frequency	Location	North	South	Comments
580 kHz	Topeka, KS	---	+6 dB, +3 dB	Wow, the reverse of expectations
900 kHz	Wichita, KS	equal	equal	
1070 kHz	Wichita, KS	+3 dB, +5 dB	---	As expected
1280 kHz	Arkansas City, KS	---	+6 dB, +4 dB	Again, the reverse!
1330 kHz	Wichita, KS	---	+3 dB, +3 dB	The reverse!
1580 kHz	Blackwell, OK	---	+3 dB, +3 dB	The reverse!

NOTE: Two tests were also done to the side: 1600 kHz, Cushing, OK to the due East came in about 3 dB better on the North antenna, while 960-Enid OK, to the West-Northwest also came in better on the North antenna by about 2 or 3 dB.

Discussion

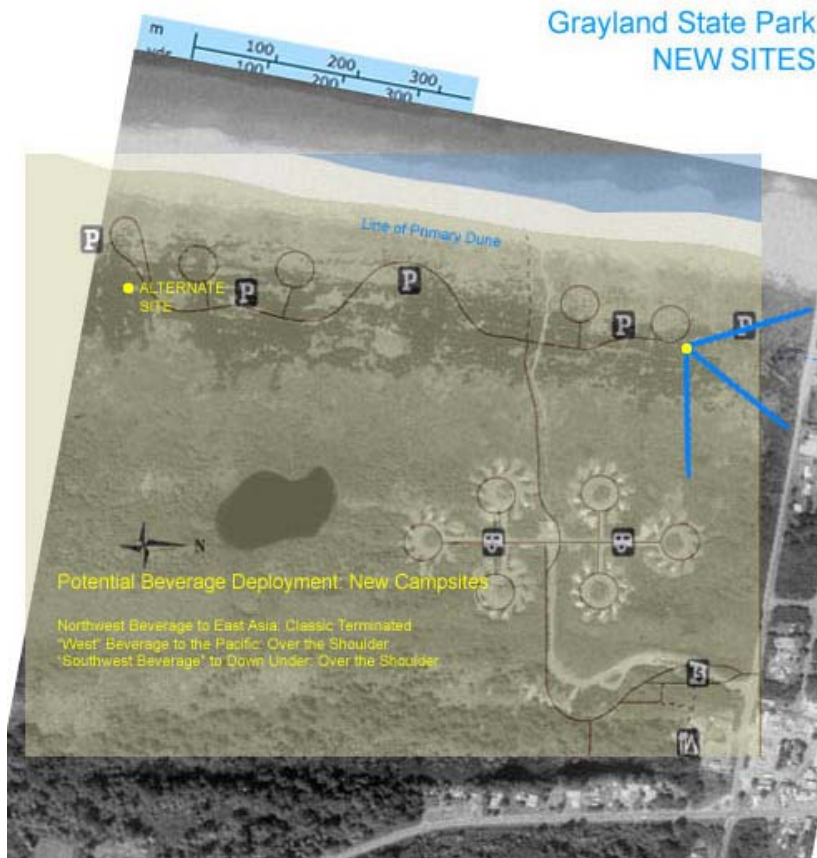
With the exception of the slope of the ground (DX shack at crest of gentle hill, each antenna sloping parallel to the ground downward about ten vertical feet over the 500 feet) the two antennas were virtually identical, but running in opposite directions. Given that the signals were fairly equal on both antennas and that the measuring instrument (NRD 535 S-Meter) was fairly crude, precise results were not expected. In fact, the relative strength measurements of the stations to the SOUTH were about exactly what I expected: two of the three stations were stronger on the southerly antenna by 3 to 6 dB. The measurements of stations to the North, however, presented a real surprise: four (580, 1280, 1330 and 1580) were 3 to 6 dB stronger on the South Beverage that pointed away from them. This was so surprising to me that I exchanged the two lead-in + impedance transformer combinations prior to taking the second set of measurements. The results were identical except for a 3 dB drop in the 580 kHz reading.

One could still argue that, for some reason, the southern Beverage was just "working" better. That was my reason to measure the only two nearby signals that come in from nearly straight East and West. As you see from the note above, the two side signals were received better on the *North* antenna!

Just exactly why these anomalous readings came about could be the subject of endless speculation. Happily, that discussion is not at all relevant to the purpose of this particular field test. The goal was to determine whether the backside losses of relatively short Beverages were negligible

or large enough to be significant when forced to DX "over the shoulder." **Based on this comparison test, I feel comfortable using a short Beverage and DXing over my shoulder, when better, more classic arrangements are not possible.**

In Practice



Above is a two-layer photo-montage of the new campsites now under construction at Grayland Beach State Park on the Pacific Coast on Washington State. Foot and vehicular traffic on the beach, even at night, prevents us from running antennas on the beach itself. As you may note from the montage, the new campsites are too close to the beach to allow us to deploy a full array of classic terminated Beverages from any single new campsite in the park.

The array of blue lines at the upper-right of the montage indicate a deployment of the three beverage pattern that we find most effective for DXing from the Pacific Coast (NW, West, SW). Each antenna, as indicated is 500 feet long. The antenna running to the NNW is a classic terminated Beverage, the other two are "Over the Shoulder" unterminated affairs.

Finally, some readers will surely ask why we do not simply adopt more compact beach-side antennas, such as the K9AY, Flag or KAZ large loops. We have done some rather careful comparisons between some of these antennas and our normal Grayland Beverage array and have repeatedly found that the Beverages were superior. This was true even when the same antenna comparisons had been judged "similar/equal" at inland locations. Additional comparisons will be made this summer and fall.

[1] Victor Misek, John Devoldere and others have published several similar designs for true bi-directional or switchable direction Beverages. These usually entail either two parallel antenna wires or coaxial cable lead-ins running to each end of the antenna. These designs may be quite suitable for fixed installations; the interest here, however, is in investigating the use of a single lead-in and a simple, single-wire Beverage.

HEARING IT THROUGH THE GRAPEVINE
Raymond Bauernhuber – 151-64 18th Ave – Whitestone NY 11357-3102
 E-mail: DXRADIO@Webtv.net

Greetings fellow IRCAn's and welcome to another edition of "Hearing It Through The Grapevine." This one features 540 kHz and the State of Colorado. Let's see what our members have heard recently and over the years.

Morris Sorensen, Winnipeg, MB, Canada

Here is my report. Have been DXing here since Dec. 1999.

Featured frequency 540 kHz:

CBK Watrous-Regina SK reg. 24/7
 XEWA San Luis Potosi MEXICO

Featured State of Colorado:

- | | |
|-------------------------------|----------------------------|
| 560 KLZ Denver | 1310 KFKA Greeley |
| 580 KUBC Montrose | 1410 KIIX Ft. Collins |
| 630 KHOW Denver | 1430 KEZW Aurora |
| 710 KNUS Denver | 1450 KGRE Greeley |
| 740 KVFC Cortez | 1510 KDKO Littleton |
| 760 KTLK Thornton | 1580 KQYD Colorado Springs |
| 850 KOA Denver regular nights | 1600 KYGO Lakewood |
| 930 KRKY Granby | 1650 KBJD Denver |
| 1090 KMXA Aurora | 1690 KAYK Arvada |
| 1100 KNZZ Grand Junction | |

Doug Pifer, 3410 Marion St. SE, Albany, OR 97322, Drake R8B, Kiwa Loop

Featured frequency 540 kHz:

CBK SK, Watrous (Regina). CBC programming. Last heard in '03.
 KNAK UT, Delta. with News. "Radio for the Family".
 XESUR BCN, Tijuana. "Oldies 1260/540 AM". ex - XEBACH.
 XEWA NL, San Luis Potosi. "La Gran W". News, talk, music, time pips.

Featured State of Colorado:

- 560 KKZN Thornton. "Boulders Progressive Talk"
- 670 KLTT Commerce City. "Strongest Christian Voice." National Anthem 5/04
- 760 KKZN Thornton. ESPN- The Zone
- 850 KOA Denver. "850 KOA News Radio". Doesn't seem all that strong these days
- 1010 KSIR Brush. "Farm Radio". News and agricultural talk
- 1090 KXMA Aurora. "Radio Visa". "Radio Mexicanisima"
- 1100 KNZZ Grand Junction. "News Radio 1100". 1220 KLVZ Denver. "K-LOVE". Religious
- 1340 KTMG Grand Junction. Fox Sports. Lucky catch behind local KLOO
- 1600 KCKK Lakewood. "Classic Country 16 Kicks". Country music. ex - KYGO
- 1650 KBJD Denver. Talk. "1650 KNUS 2". Sister to 710-KNUS
- 1690 KDDZ Arvada. Radio Disney. ex KAYK

Patrick Martin, Seaside, Oregon

Featured frequency of 540 kHz:

- | | |
|-----------------------------------|--------------------------------|
| KPUP CA, Carmel Valley 1989 | 4QL AUST, Longreach Q. 1980 |
| KHKN CA, Carmel Valley 1991 | CHINA,CNR 2000 |
| KIEZ CA, Carmel Valley 1992 | JOJG JAPAN, Yamagata 1993 |
| KSHO CA, Herperia 1986 | XEWA MEX, SLP 1991 |
| KVIP CA, Redding 1967 | XEBACH MEX, Tijuana 1998 |
| KNOE LA, Monroe 1967 | XEJAZZ MEX, Tijuana 2000 |
| KNAK UT, Delta 1985 | XESURF MEX, Tijuana 2002 |
| CBXQ BC, Ucluelet 1970 (40 watts) | NEW ZEALAND, Tauranga 1XC 1995 |
| CBT NB, Grand Falls 1965 | PHILIPPINES DYBB Cebu 1998 |
| CBK SASK, Watrous 1967 | WESTERN SAMOA 2AP 1995 |

[Some really nice foreign logs here Patrick-ed]

Featured State of Colorado:

Here are my listings. I hope I haven't forgotten anything, but with being at the dials for 43 years, sometimes things slip through the cracks. Hi.

COLORADO (Call-Location-Yr log/QSL'd)

- | | |
|-------------------------------------|----------------------------------|
| 560 KLZ Denver 1967 | 1120 KLIM Limon 1985 |
| 580 KUBC Montrose 2000 | 1240 KDGO Durango 2000 |
| 600 KIXX Wellington 1991 (Now KCOL) | 1350 KKAM Pueblo 1965 |
| 630 KHOW Denver 2000 | 1350 KGHF Pueblo 2000 |
| 670 KLTT Commerce City 2000 | 1410 KCOL Fort Collins 1993 |
| 710 KBTR Denver (now KNUS) 1966 | 1430 KOSI Aurora 1970 (Now KEZW) |
| 710 KNUS Denver 2001 (DX Test) | 1450 KGIW Alamosa 1970 (F/C) |
| 740 KVFC Cortez 1995 | 1460 KKCS Colo. Sprs. 1989 |
| 760 KRZN Thornton 1993 | 1510 KBKO Littleton 1983 |
| 760 KTLK Thornton 1994 | 1550 KQXI Aurora 1998 |
| 760 KKZN Thornton 2002 | 1550 KADZ Aurora 1998 |
| 810 KRGS Rifle 1995 (Now 690) | 1550 KDDZ Aurora 1999 |
| 850 KOA Denver 1967 | 1570 KLOV Loveland 1998 |
| 930 KRKY Granby 2000 | 1600 KLAK Lakewood 1966/1983 |
| 950 KIMN Denver 1968 (Now KKFN) | 1600 KRXY Lakewood 1985 |
| 990 KRKS Denver 1984 | 1600 KMVP Lakewood 1987 |
| 1000 KRZD Hayden 1983 | 1600 KWMX Lakewood 1993 |
| 1010 KSIR Brush 2001 | 1600 KYGO Lakewood 1995 |
| 1100 KREX Grand Junction 1981 | 1600 KCKK Lakewood 2001 |
| 1100 KIIO Grand Junction 1984 | 1650 KBJD Denver 2001 |
| 1100 KVEE Grand Junction 1987 | 1690 KAYK Denver 1998 |
| 1100 KJYE Grand Junction 1990 | 1690 KADZ Denver 1998 |
| 1100 KNZZ Grand Junction 1999 | 1690 KDDZ Denver 1999 |

=====
Mike Hardester, Jacksonville, NC. (34.47 N — 77.23 W), ICOM R-70 - 2 x 75 foot random wires, Quantum Phaser and Patience

Featured frequency 540:

- CBXQ Ucluelet, BC, CAN 1971-03-07 0008 PLT V/Q, CA, Modesto Note: 40 watt LPRT
KVIP Redding, CA 1969-01-13 1012 PLT
WGTO Cypress Gardens, FL 1980-10-13 0330 ELT V/Q CA, San Marcos
WGTO Cypress Gardens, FL 1971-09-20 0351 ELT V/Q CA, Modesto
WGTO Cypress Gardens, FL 1990 Night NC, Jacksonville
WFLF Pine Hills, FL 2005-04-19 0705 ELT NC, Jacksonville
WSTH Columbus, GA 1994-02-14 0323 ELT V/L NC, Jacksonville
KNOE Monroe, LA 1971-09-20 0305 CLT V/F CA, Modesto
WETC Wendell-Zebulon, NC 1994-01-19 1500 ELT Tape NC, Jacksonville
WDAK Columbus, OH 1996 Night NC, Jacksonville
CBK Regina, SK, CAN 1969-04-18 0252 CLT V/Q CA, Modesto
XEWA San Luis Potosi SLP, MEX 1971-12-20 2320 SLP V/Q CA, Modesto

Featured State of Colorado:

- 560 KLZ Denver, CO 1970-02-01 0403 MLT V/Q CA, Modesto
630 KHOW Denver, CO 1969-03-24 0242 MLT V/Q CA, Modesto
810 KWSR Rifle, CO 1979-07-22 0513 MLT CA, San Diego
850 KOA Denver, CO 1968-09-14 0242 MLT V/Q CA, Modesto
1100 KREX Grand Junction, CO 1971-12-27 2247 MLT V/C CA, Modesto
1230 KBRR Leadville, CO 1982 Night CO, Littleton
1230 KLRR Leadville, CO 1980-09-13 0033 MLT V/L CA, San Marcos
1340 KDEN Denver, CO 1982 Night CO, Littleton
1510 KDKO Littleton, CO 1980-09-29 0504 MLT V/L CA, San Marcos
1570 KLOV Loveland, CO 1985-01-03 0708 MLT CO, Littleton
1600 KLAK Lakewood, CO 1969-09-08 0211 MLT V/Q CA, Modesto



Kevin Redding, Gilbert, Arizona

Featured frequency 540 kHz:

Here are my 540 logs. They were heard either in Mesa, AZ or Gilbert, AZ. Mesa and Gilbert are adjoining towns.

- | | |
|--------------------|-----------------------------|
| XEBACH Tijuana BCN | KNMX Las Vegas NM |
| XEWA Monterrey NL | XETX Nuevas Casas Grande CH |
| CBK Watrous SK | XESURF Tijuana BCN |
| XEJAZZ Tijuana BCN | XEHS Los Mochis SI |
| KNAC Delta UT | |

Featured State of Colorado:

Here's my grapevine logs from Colorado. It's been a pretty good State for me over the years. I will be dreaming of the cool CO mountains this summer while its 115F here in the Sonoran Desert.

- | | |
|---------------------------------|-----------------------------------|
| 530 kHz WPLX286 Denver CO | 1250 kHz KDGO Durango CO |
| 550 kHz KLLV Breen CO | 1300 kHz KTWK Colorado Springs CO |
| 560 kHz KLZ Denver CO | 1300 kHz KUBL Colorado Springs CO |
| 590 kHz KCSJ Pueblo CO | 1310 kHz KFKA Greeley CO |
| 610 kHz KSKE Vail CO | 1340 kHz KQIL Grand Junction CO |
| 610 kHz KIIIX Wellington CO | 1340 kHz KTMM Grand Junction CO |
| 610 kHz KCOL Wellington CO | 1350 kHz KGHF Pueblo CO |
| 610 kHz KVLE Vail CO | 1360 kHz KHNC Johnstown CO |
| 630 kHz KHOW Denver CO | 1430 kHz KEZW Aurora CO |
| 710 kHz KNUS Denver CO | 1460 kHz KKCS Colorado Springs CO |
| 760 kHz KTLK Thornton CO | 1480 kHz KAVA Pueblo CO |
| 760 kHz KKZN Thornton CO | 1510 kHz KDKO Littleton CO |
| 800 kHz KLDC Brighton CO | 1510 kHz KNRC Littleton CO |
| 850 kHz KOA Denver CO | 1510 kHz KCUV Littleton CO |
| 920 kHz KLMR Lamar CO | 1530 kHz KCMN Colorado Springs CO |
| 930 kHz KIUP Durango CO | 1550 kHz KADZ Arvada CO |
| 930 kHz KRKY Granby CO | 1570 kHz KHPN Loveland CO |
| 950 kHz KKFN Denver CO | 1570 kHz KSXT Loveland CO |
| 990 kHz KRKS Denver CO | 1580 kHz KWYD Colorado Springs CO |
| 1010 kHz KSIR Brush CO | 1600 kHz KYGO Lakewood CO |
| 1040 kHz KCBR Monument CO | 1600 kHz KCKK Lakewood CO |
| 1090 kHz KMXA Aurora CO | 1650 kHz KBJD Denver CO |
| 1100 kHz KNZZ Grand Junction CO | 1690 kHz KAYK Arvada CO |
| 1140 kHz KNAB Burlington CO | 1690 kHz KDDZ Arvada CO |
| 1150 kHz KNRC Littleton CO | |

=====
Martin Foltz, Mission Viejo CA, Hammarlund HQ-180A & Collins 51J-2, 1 foot air core loop

Featured frequency 540 kHz:

- | | |
|---|-------------------|
| KKGO Hesperia CA (no longer on the air) | XESURF Tijuana BC |
|---|-------------------|

Featured State of Colorado:

- | | |
|-----------------|----------------|
| 630 KHOW Denver | 850 KOA Denver |
|-----------------|----------------|
- All are verified!

=====
Dennis Vroom Vancouver WA, HQ 180 1937 Fada 75' wire

Featured frequency 540 kHz:

- CBK Regina, Sask Domiant with CBC programming (WA) 2004
XESRF Tijuana, Baja Mexico Fair with CBK nulled Oldies (WA) 2005
KVIP Redding, CA (CA) 1967
XEWA San Luis, Mexico 150 kw (CA) 1968

Featured State of Colorado:

- | | |
|---|-------------------------------|
| 630 KHOW Denver, (CA) 1966 | 1350 KKAM Pueblo, (CA) 1968 |
| 850 KOA Denver, Strong signal (CA) 1967 | 1550 KQXI Arvada, (CA) 1967 |
| 950 KIMN Denver, (CA) 1968 | 1600 KLAK Lakewood, (CA) 1968 |



Mike Hawkins, Tracy CA

Featured State of Colorado:

Table listing radio stations in Colorado with columns for city, call letters, and frequency. Includes stations like KQXI, KRAI, KRAJ, etc.

Featured frequency 540 kHz:

Regina, Saskatchewan ... CBK
Redding, California ... KVIP
Carmel Valley, California ... KPUP, KIEZ, KSRK, KMEQ, KMXE

Thanks to everyone for these great reports! For the next issue of the 'Grapevine' let's see what's been heard on 1580 kHz and in the State of Idaho, which was 1st settled in 1842 and was admitted to the Union on July 3, 1890.

The deadline for this will be Saturday, July 2nd at 1500 hours EST for Vol. 42, No. 29b. This is a double issue of the 'Monitor' so hopefully we'll see a lot of your great reports once again.

Until then be well my friends and, 73 de DX de NY, Ray

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.

CONTRIBUTORS

MF Martin Foltz, 25102 Pradera Dr, Mission Viejo CA 92691; martinfolzt@cox.net
PM Patrick Martin, P O Box 843, Seaside OR 97138-0843; mwdxer@webtv.net
BN Bill Nittler; nittlers2@scdial.com

FREQ CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO

Table with columns for frequency, call letters, name, title, address, what, when, and who. Lists various contributors and their details.

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: * [For this column] = None

This column was prepared on 5/23/05, one week earlier than normal due to the Memorial Day holiday. 73, SSH.

2004-2005 DX CONTESTS

Manager: Nancy Johnson - 265 Waterton Wy - Billings, MT 59102-7755

E-mail: NancyJohnson@prodigy.net

Standings as of May 15, 2005

Table of contest standings listing names and scores. Top scorers include Michael Hawkins (463) and David Braun (127).

*Contest manager is not eligible to win.

This years contest will end 2359 on May 31, 2005.

Send your contest entries to the address or email above.

SPORTS ON RADIO

Compiled by: O Howit Hertz

E-mail: artngwen@calweb.com

BALTIMORE ORIOLES RADIO NETWORK

Table listing radio stations in the Baltimore Orioles Radio Network, including WFRB, WSBA, WFMD, etc.

PHILADELPHIA PHILLIES

Broadcast Team: Harry Kalas, Scott Graham, and Chris Wheeler.

Table listing radio stations in the Philadelphia Phillies network, including WEJL, WEEU, WPHY, etc.

"I wish I'd known early what I had to learn late." - Richie Ashburn

PITTSBURGH PIRATES 2005

Radio & TV Broadcast Team: Greg Brown, Lanny Frattare, Steve Blass & Bob Walk.

Table listing radio stations in the Pittsburgh Pirates network, including WMBS, WJAW, WCHA, etc.

1200 WKST New Castle, PA
 1230 WBVP Beaver Falls, PA
 1230 WTIV Titusville, PA
 1240 WBBW Youngstown, OH
 1270 WCBC Cumberland, MD
 1300 WJYP St. Albans, WV
 1310 WNAE Warren, PA
 1340 WMON Montgomery, WV
 1340 WOYL Oil City, PA
 1340 WTRN Tyrone, PA
 1340 WXXK Clarksburg, WV
 1370 WWCB Corry, PA
 1400 WWGE Loretto, PA (?)
 1410 WSCW South Charleston, WV
 1420 WCED Du Bois, PA
 1430 WEIR Weirton, WV
 1430 WVAM Altoona, PA

"I want to be remembered as a ballplayer who gave all he had to give." – Roberto Clemente

ST. LOUIS CARDINALS

Radio & TV Broadcast Team: Mike Shannon, Wayne Hagin, Joe Buck, Al Hrabosky, Dan McLaughlin, Bob Carpenter, and Rick Horton.

690 KEWI Benton, AR
 740 WVLN Olney, IL
 790 WMC Memphis, TN
 800 KAGH Crossett, AR
 800 KVOM Morrilton, AR
 860 WSON Henderson, KY
 920 WMOK Metropolis, IL
 940 WMIX Mount Vernon, IL
 950 KWOS Jefferson, City, MO
 960 KZIM Cape Girardeau, MO
 970 KNEA Jonesboro, AR
 1050 KSIS Sedalia, MO
 1070 KHMO Hannibal, MO
 1090 WCRA Effingham, IL
 1120 KMOX St. Louis, MO (Flagship)
 1130 WRKY Murray, KY
 1220 KJAN Atlantic, IA
 1220 WLPO LaSalle, IL
 1230 KFPW Fort Smith, AR
 1230 WBBZ Ponca City, OK
 1230 WHCO Sparta, IL
 1230 WJBC Bloomington, IL
 1240 KBIZ Offumwa, IA
 1240 KFMO Flat River, MO
 1240 WENK Union City, TN
 1240 WTAX Springfield, IL
 1250 WKBL Covington, TN (?)
 1280 KCOB Newton, IA
 1280 WGBF Evansville, IN
 1290 KALM Thayer, MO
 1310 KOKX Keokuk, IA
 1340 KBTA Batesville, AR
 1340 KSMO Salem, MO
 1340 KXEO Mexico, MO
 1340 WJPF Herrin, IL
 1340 WSOY Decatur, IL
 1360 KFFA Helena, AR
 1390 KCRC Enid, OK
 1390 KREB Fayetteville, AR
 1400 KFRU Columbia, MO
 1400 KREF Norman, OK
 1400 KWON Bartlesville, OK
 1400 WDWS Champaign, IL
 1400 WGIL Galesburg, IL

1440 WAJR Morgantown, WV
 1450 WFRA Franklin, PA
 1450 WJPA Washington, PA
 1450 WMAJ State College, PA
 1460 WMBA Ambridge, PA
 1480 WCNS Latrobe, PA
 1490 WESB Bradford, PA
 1490 WMGW Meadville, PA
 1490 WTCS Fairmont, WV
 1490 WWPR Bradenton, FL
 1530 WYNE North East, PA
 95.7 WVKF Wheeling, WV (?)
 97.5 WDDH St. Marys, PA
 104.1 WPXZ Punxsutawney, PA
 107.1 WEXC Greenville, PA

1420 WINI Murphysboro, IL
 1430 KTBS Tulsa, OK
 1430 WYMC Mayfield, KY
 1440 WIBH Anna, IL
 1450 KIRX Kirksville, MO
 1450 KQYX Joplin, MO (?)
 1450 WKEL Kewanee, IL
 1450 WTRD Dyersburg, TN
 1460 WIXN Dixon, IL
 1460 WROY Carmi, IL
 1470 WMBD Peoria, IL
 1490 KDRS Paragould, AR
 1490 KTTR Rolla, MO
 1490 WDAN Danville, IL
 1490 WKRO Cairo, IL
 1490 WTUP Tupelo, MS
 1520 WLUV Loves Park, IL
 1550 KSFT St. Joseph, MO
 1550 WMSK Morganfield, KY
 1560 WBYS Canton, IL
 1570 WTAY Robinson, IL
 1570 WTRB Ripley, TN
 92.1 WKUL Cullman, AL
 92.3 KSAR Thayer, AR
 92.7 KASR Conway, AR
 92.9 WVLN Olney, IL
 93.5 WKBQ Covington, TN
 93.7 WTKB Atwood, TN
 94.9 KCLR Poplar Bluff, MO (?)
 95.1 KMAQ Maquoketa, IA
 95.3 WMSK Morganfield, KY
 95.5 KAAK Bethany, MO
 95.7 WCRC Effingham, IL
 95.9 KCOB Newton, IA
 95.9 KKBL Monett, MO
 96.7 WFML Vincennes, IN
 97.3 WTIM Taylorville, IL
 97.5 KOEA Doniphan, MO
 97.9 KBXB Sikeston, MO
 98.5 WQKZ Ferdinand, IN
 99.1 WCBL Benton, KY
 99.3 WZLT Lexington, TN
 99.5 KREB Huntsville, AR
 100.3 KUKU Willow Springs, MO

100.3 KURM Southwest City, MO
 100.5 KKCA Fulton, MO
 100.5 KMEM Memphis, MO
 100.5 WSJD Princeton, IN
 100.9 KTUI Sullivan, MO
 101.3 KTXR Springfield, MO
 102.3 KJPW Waynesville, MO
 102.3 WEBQ Eldorado, IL
 102.3 WRMJ Aledo, IL

"Sure I eat what I advertise. Sure I eat Wheaties for breakfast. A good bowl of Wheaties with bourbon can't be beat." – Dizzy Dean

SAN FRANCISCO GIANTS

Broadcast Team: Jon Miller, Dave Flemming, Greg Papa, Duane Kuiper, Mike Krukow, and Amauri P. Gonzalez.

570 KQNG Lihue, HI
 670 KPUA Hilo, HI
 680 KNBR San Francisco, CA (Flagship)
 800 KDFO Bakersfield, CA
 1110 KAOI Kihei, HI
 1230 KPLY Reno, NV
 1340 KATA Arcata, CA
 1360 KUIK Hillsboro, OR
 1370 KZSF San Jose, CA (Spanish)

103.7 KJEL Lebanon, MO
 104.1 KPOC Pochontas, AR
 104.7 KRES Moberly, MO
 104.7 WMUF Henry, TN
 104.9 KAGH Crossett, AR
 104.9 KPWB Piedmont, MO
 105.1 WGEM Quincy, IL
 106.5 KTMO New Madrid, MO
 107.1 WEAI Lynnville, IL

1400 KKJL San Luis Obispo, CA
 1420 KKEA Honolulu, HI
 1430 KFIG Fresno, CA
 1670 KNRO Redding, CA
 92.7 KMFB Mendocino, CA
 94.1 KBKY Merced, CA
 102.3 KNKT Mt. Shasta, CA (?)

"They throw the ball, I hit it. They hit the ball, I catch it." – Willie Mays

SEATTLE MARINERS

Radio & TV Broadcast Team: Dave Niehaus, Rick Rizzs, Ron Fairly, Dave Henderson, Dave Valle, Jay Buhner, Amaury Pi-Gonzalez, and Julio Cruz.

550 KTZN Anchorage, AK
 580 KRSA Petersburg, AK
 680 KOMW Omak, WA
 800 KINY Juneau, AK
 840 KMAX Colfax, WA
 840 KSWB Seaside, OR
 870 KFLD Pasco, WA
 900 KKRT Wenatchee, WA
 910 KBLG Billings, MT
 920 KXLY Spokane, WA
 940 KICE Bend, OR
 1000 KOMO Seattle, WA (Flagship)
 1030 KMAS Shelton, WA
 1040 CKST Vancouver, BC
 1080 KFFX Portland, OR
 1080 KVNI Coeur D'Alene, ID
 1170 KPUG Bellingham, WA
 1230 KHSN Coos Bay, OR
 1240 KEJO Corvallis, OR
 1240 KGY Olympia, WA
 1240 KTIX Pendleton, OR

1240 KXLE Ellensburg, WA
 1280 KIT Yakima, WA
 1300 KLER Orofino, ID
 1310 KZZR Prosser, WA
 1320 KGDC Walla Walla, WA
 1320 KXRO Aberdeen, WA
 1350 KRCL Clarkston, ID
 1370 KXTL Butte, MT
 1430 KBRC Mount Vernon, WA
 1450 KGRZ Missoula, MT
 1450 KONP Port Angeles, WA
 1450 KQDI Great Falls, MT
 1470 KELA Centralia-Chehalis, WA
 1490 KLOG Kelso, WA
 1490 KVAC Forks, WA
 1600 KEED Eugene, OR
 92.1 KCRK Colville, WA
 100.3 KWIQ Moses Lake, WA
 106.3 KVLK Twisp, WA

"I'm told I either look bigger than I do on television or that I look smaller than I look on television. No one seems to think I look the same size." - Ichiro Suzuki.

TEXAS RANGERS

Broadcast Team: Eric Nadel, Victor Rojas, Eleno Ornelas, and Jose Guzman.

600 KTBB Tyler, TX
 690 KPET Lamesa, TX
 710 KGNC Amarillo, TX
 740 KCMC Texarkana, TX
 760 KTKR San Antonio, TX
 950 KJTV Lubbock, TX
 1080 KRLD Dallas, TX (Flagship)
 1090 KVOP Plainview, TX (Spanish)
 1230 KSST Sulphur Springs, TX
 1240 KASO Minden, LA

1240 KVLF Alpine, TX
 1260 KKSA San Angelo, TX
 1260 KWNX Austin, TX
 1290 KWFS Wichita Falls, TX
 1300 KSYB Shreveport, LA
 1380 KBWD Brownwood, TX
 1400 KELD El Dorado, AR
 1400 KVRP Stamford, TX
 1410 KCUL Marshall, TX
 1430 KEES Gladewater, TX

1450 KNET Palestine, TX
1490 KBST Big Spring, TX
1490 KRUI Ruidoso Downs, NM
1490 KYZS Tyler, TX
1550 KCOM Comanche, TX
1560 KZQQ Abilene, TX
1580 KQRL Waco, TX (?)
1590 KGAS Carthage, TX

1660 KRZI Waco, TX
92.3 KCUL Marshall, TX
94.3 KSEY Seymour, TX
95.7 KBST Big Spring, TX
97.1 KVRP Haskell, TX
104.3 KGAS Carthage, TX
105.1 KWMW Roswell, NM

TORONTO BLUE JAYS

Broadcast Team: Tom Cheek & Jerry Howarth.

570 CKGL Kitchener, ON
590 CJCL Toronto, ON (Flagship)
600 CKAT North Bay, ON
790 CIGM Sudbury, ON
900 CHML Hamilton, ON
960 CFAC Calgary, AB
980 CFPL London, ON
980 CKRU Peterborough, ON
1070 CHOK Sarnia, ON

1190 CFSL Weyburn, SK
1210 CFYM Kindersley, SK
1240 CJCS Stratford, ON
1260 CFRN Edmonton, AB
1280 CJSL Estevan, SK
1310 CIWW Ottawa, ON
1330 WSPQ Springville, NY
1570 CKMW Winkler, MB

"Baseball, it is said, is only a game. True. And the Grand Canyon is only a hole in Arizona. Not all holes, or games, are created equal." - George F. Will.

WASHINGTON NATIONALS

104.1 WWZZ Waldorf, MD

CALIFORNIA LEAGUE

Bakersfield Blaze, 1230-KGEO
High Desert Mavericks, 960-KIXW
Inland Empire 66ers, 91.9-KVCR
Lake Elsinore Storm, 103.3-KTMQ
Lancaster JetHawks, 610-KAVL (20-25 games), 1340-KTPI
Modesto Nuts, 970-KESP
Rancho Cucamonga Quakes, 1370-KWRM
San Jose Giants, 1220-KNTS
Stockton Ports, 1420-KSTN
Visalia Oaks, 1270-KJUG

CAROLINA LEAGUE BASEBALL

Frederick Keys, No Radio
Kinston Indians, 960-WNRS, 1250-WGHB, 97.9-WNBB
Lynchburg Hillcats, 1050-WKDE, 105.5-WKDE (Flagship)
Myrtle Beach Pelicans, 1050-WIQB, 93.9-WJXY
Potomac Nationals, No Radio
Salem Avalanche, 810-WPIN, 1240-WGMM, 1320-WVGM, 1430-WKEX
Wilmington Blue Rocks, 1290-WWTX, 1410-WDOV
Winston-Salem Warhogs, 600-WSJS, 1200-WSML

EASTERN LEAGUE BASEBALL

Akron Aeros, 1350-WTOU
Altoona Curve, No Radio
Binghamton Mets, 1290-WNBF
Bowie Baysox, No Radio
Erie Seawolves, 1330-WFNN
Harrisburg Senators, 1230-WKBO
New Britain Rock Cats, 610-WSNG, 1240-WWCO, 1360-WDRG, 1470-WMMW
New Hampshire Fisher Cats, 1250-WKBR, 1450-WKXL
Norwich Navigators, 1150-WMRD, 1310-WICH (Flagship), 1400-WILI, 1420-WLIS, 88.1-WBLQ
Portland Sea Dogs, 780-WTME, 1220-WPHX, 1240-WCNM, 1490-WBAE (Flagship), 106.5-WMEX
Reading Phillies, 1240-WIOV
Trenton Thunder, 1260-WBUD

INTERNATIONAL LEAGUE BASEBALL

Buffalo Bisons, 1520-WWKB
Charlotte Knights, 610-WFNZ, 1660-WFNA
Durham Bulls, 570-WDNZ, 620-WDNC

Columbus Clippers, 103.1-WVKO
Indianapolis Indians, 950-WXLW
Louisville Bats, 970-WGTK
Norfolk Tides, 1310-WGH
Ottawa Lynx, 1200-CFGO
Pawtucket Red Sox, 790-WSKO, 1340-WNBH, 1440-WVEI, 1450-WLKW, 1480-WSAR, 1490-WMRC
Richmond Braves, 950-WXGI
Rochester Red Wings, 1180-WHAM, 1280-WHTK
Scranton/Wilkes-Barre Red Barons, 104.9-WWDL
Syracuse Sky Chiefs, 1390-WFBL
Toledo Mud Hens, 1470-WLQR

NORTHERN LEAGUE BASEBALL

Special thanks to Dennis Gibson

Calgary Vipers 960-CFAC
Edmonton Cracker-Cats 1260-CFRN
 Fargo-Moorhead Redhawks 970-WDAY
 Gary Southshore Railcats 1230-WJOB
 Joliet Jackhammers 1340-WJOL
 Kansas City T-Bones 1340-KCKN
 Lincoln Saltdogs 1240-KFOR
 Schaumburg Flyers 89.1 WONC
 Sioux City Explorers 1360-KSCJ
 Sioux Falls Canaries 1230-KWSN
 St. Paul Saints 95.9-WLKK
 Winnipeg Goldeyes 1290-CFRW

NORTHWEST LEAGUE BASEBALL

Boise Hawks 1350-KTIK Nampa, ID
Eugene Emeralds 1120-KPNW Eugene, OR
Everett Aqua Sox 1380-KRKO Everett, WA
Salem-Keizer Volcanoes 1430-KYKN Keizer, OR
Spokane Indians 790-KJRB Spokane, WA
Tri-City DustDevils 960-KALE Richland, WA
Vancouver Canadians 1040-CKST Vancouver, BC (15 selected games)
Yakima Bears 1460-KUTI Yakima, WA

PACIFIC COAST LEAGUE

With thanks to Phil Bytheway, Michael Hawkins, & Debbie at KWFM

Albuquerque Isotopes 610-KNML
Colorado Springs Sky Sox 1240-KRDO
Fresno Grizzlies 103.1-KAAT
Iowa Cubs 1460-KXNO
Las Vegas 51s 1460-KENO
Memphis Redbirds 560-WHBQ
Nashville Sounds 1160-WAMB
New Orleans Zephyrs 690-WTIX
Oklahoma RedHawks 930-WKY
Omaha Royals 1490-KOSR
Portland Beavers 1550-KKAD
Round Rock Express 1260-KWNX & 1530-KZNX (Spanish)
Sacramento Rivercats 1380-KTKZ
Salt Lake Stingers 1320-KFNZ
Spokane Indians 790-KJRB
Tacoma Rainiers 850-KHHO
Tucson Sidewinders 1450-KWFM & 1210-KQTL (Spanish-72 Home Games)

SOUTHERN LEAGUE BASEBALL

Birmingham Barons, 101.1-WYDE
Carolina Mudcats, 570-WDNZ, 102.5-WKXU
Chattanooga Lookouts, 1310-WDOD
Huntsville Stars, 1450-WTKI
Jacksonville Suns, 930-WFXJ
Mississippi Braves, 930-WSFZ
Mobile BayBears, 1480-WABB
Montgomery Biscuits, 1440-WLWI
Tennessee Smokies, 990-WNOX

TEXAS LEAGUE

Arkansas Travelers 1380-KDXE
 Corpus Christi Hooks 103.7 KOUL
 Frisco RoughRiders 1310-KTCK
 Midland RockHounds 550-KCRS
 San Antonio Missions 1200-WOAI & 1250-KZDC (Spanish, Sundays Only)
 Springfield Cardinals 98.7-KWTO
 Tulsa Drillers 1430-KTBZ
 Wichita Wranglers 93.5 KWME

GEOMAGNETIC INDICES

Compiled by: Phil Bytheway

E-mail: phil_tekno@yahoo.com

Geomagnetic Summary April 1 2005 through June 6 2005

Tabulated from email status daily.

Date	Flux	A	K	Space Wx Today	Space Wx Forecast	Au
4/ 1	77	7	2	no storms	no storms	7
2	78	7	1	no storms	no storms	5
3	80	3	1	no storms	no storms	4
4	81	3	2	no storms	no storms	8
5	85	16	4	no storms	no storms	10
6	88	35	3	strong	no storms	7
7	x	x	x	x	x	x
8	x	x	x	x	x	x
9	x	x	x	x	x	x
10	x	x	x	x	x	x
11	x	x	x	x	x	x
12	88	8	2	x	x	x
13	85	30	4	no storms	no storms	8
14	84	27	4	minor	minor	8
15	85	24	3	minor	no storms	4
16	85	12	3	x	x	x
17	83	7	2	no storms	no storms	6
18	84	8	2	no storms	no storms	3
19	81	12	3	no storms	no storms	5
20	78	10	2	no storms	no storms	4
21	77	19	2	minor	no storms	8
22	x	x	x	x	x	x
23	77	8	4	x	x	x
24	79	12	3	no storms	no storms	7
25	82	10	2	no storms	no storms	6
26	86	11	3	no storms	no storms	6
27	91	5	2	no storms	no storms	2
28	95	3	1	no storms	no storms	4
29	98	2	2	no storms	no storms	4
4/30	105	11	4	no storms	no storms	8
5/ 1	106	19	3	minor	minor	8
2	112	24	3	moderate	minor	10
3	x	x	x	x	x	x
4	112	10	1	x	x	x
5	109	6	2	no storms	no storms	6
6	109	6	2	x	x	x
7	110	4	2	minor	minor	5
8	110	3	1	x	x	x
9	100	10	6	moderate	moderate	1
10	110	8	2	no storms	no storms	6
11	119	11	3	minor	minor	6
12	125	6	3	minor	minor	7
13	117	15	2	minor	minor	6
5/14	126	27	3	moderate	minor	4

5/15	100	27	2	moderate	moderate	5
16	103	88	4	extreme	minor	10
17	99	28	2	moderate	minor	7
18	90	19	2	minor	minor	6
19	84	15	2	no storms	no storms	7
20	85	9	3	no storms	no storms	7
21	84	26	2	moderate	no storms	5
22	82	16	3	no storms	no storms	7
23	82	16	3	x	x	x
24	83	7	2	no storms	no storms	7
25	84	5	2	no storms	no storms	2
26	84	5	1	x	x	x
27	90	1	0	no storms	no storms	1
28	96	1	0	minor	minor	3
29	92	16	4	no storms	minor	9
30	93	15	3	no storms	no storms	8
5/31	95	50	5	strong	minor	8
6/ 1	96	18	2	no storms	no storms	9
2	94	15	3	minor	no storms	4
3	93	8	2	no storms	no storms	5
4	95	11	2	minor	minor	4
5	97	19	4	no storms	minor	10
6/ 6	105	18	2	minor	no storms	8

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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