



January 15, 2005 - Volume 42, Number 17 - Edition 1339 - ISSN 899-9733

EIC Notes

This issue, IRCA welcomes **Christopher Nowak** - Warwick, RI and **Bruce Bruemmer** - Minneapolis, MN... let us know if we can help you out with something.

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 \$49 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.

NOTICE OF UPCOMING ELECTIONS

Ray Bauernhuber - Election Committee Chairman
 From December 1, 2004 thru January 15, 2005 nominations are open for the next two-year terms for President, Secretary-Treasurer, and the seven (7) members of the Board of Directors. Only one nomination each for President, Secretary-Treasurer, and only seven (7) nominations for the Board of Directors shall be allowed each IRCA member. An eligible member may nominate him/herself. All nominations must be submitted in written form (letter or e-mail) to the Election Committee Chairman (ECC) by January 15, 2005.

Please direct all nominations to:

Ray Bauernhuber
 151-64 18th Avenue
 Whitestone, NY 11357-3102
 e-mail: DXRADIO@webtv.net

DX Tests - Les Rayburn - les@highnoonfilm.com

Daily	0255-0305	1220	WRIB	Providence RI	(Healy)
12/15/04+	0915-1445	1620	WB3XNN	Milford PA	(Schmidt)
1/24/05	0200-0600	1530	KFBK	Sacramento CA	(IRCA)

WRIB 1220khz Providence RI TEST. Daily, from 2:55am-3:05am EST - WRIB-1220 - Providence, RI. Craig Healy reports that the long running DX test at WRIB 1220 in Providence, RI continues to run daily from 02:55AM EST until 03:05AM EST. WRIB automatically switches to daytime power and pattern (1KW ND) during the top of the hour.

Reception reports (with return postage) may be sent to:

Craig Healy, NG1U
 WRIB
 200 Water St.
 East Providence, RI 02914
 OR

WWW: <http://www.wrpb.com>

(Arranged by **Craig Healy**, NG1U and AM-DX.COM.)

WB3XNN 1620khz Milford, PA TEST. Date(s): About December 15th thru end of January. Time: Non-Critical Hours 09:15AM EST until 14:45PM EST. Modes of Operation: 1KW Daytime Non-Directional. Programming: Un-Modulated Carrier with ID's at TOH.

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Test is being conducted by Digital Radio Engineering for field intensity experiments concerning area ground conductivity. A full DX Test will be conducted (hopefully at night) before the competition of measurements in January.

Below is the full text received from Dave Schmidt:

WB3XNN - 1620 kilohertz should be on the air about December 15th. This station licensed to Milford, PA is being operated for field intensity measurements of the ground conductivity in the area. This will be operating during non critical hours (approx. 0915 til 1445) with an unmodulated carrier, ID's given on the hour. Power will be 1000 watts into a 50 foot top loaded single tower. (For those in to tower currents, that adds up to 8.8 amps at 14 ohms!) Tests should continue through the end of January.

Reports can be sent to Dave Schmidt c/o: Digital Radio Engineering, 2927 US Route 6, Slate Hill, NY 10973

As of 12/30/04, I have not received any reports of this station being on the air. If you receive this test, please e-mail me directly at: les@highnoonfilm.com.

KFBK 1530khz Sacramento, CA TEST. Date: January 23, 2005 (Late Sunday night into Monday morning.) Time: 23:00PM PST-03:00 PST (4 Hours ID's ONLY Test.) Modes of Operation: 50KW Night Time Directional Pattern. Programming: :60 and :30 Morse Code and Phonetic Voice ID's Only during program breaks.

This special test is being conducted by Ross du Clair, Ph.D.,- WA6VWY, who is the Chief Engineer for "News Talk 1530" and other Clear Channel stations. Due to programming commitments, test will be limited to commercial breaks only during regular programming. ID's will consist of both Morse Code at 10WPM, 1000hz and phonetic voice announcements...such as:

"This is Kilo Foxtrot Bravo Kilo".

Reception reports should again be submitted via e-mail directly to Mr. du Clair at: Duclair, Ross: rossduclair@clearchannel.com.

2004 PAL LOG IS OUT!!!

I've just completed the seventh edition of the Pacific Asian Log (PAL). It's been updated through January 2005. As usual, this edition has many additions and changes. In particular, there are many new listings for China and the Australian expanded band.

The log now lists more than 4000 medium and long wave stations in Asia and the Pacific (from Afghanistan to Alaska). It includes frequency, callsign, location, power, schedules, and other information for each station.

The log is available in pdf format sorted by country or frequency. You can download it at no cost from my website <http://www.qsl.net/n7ecj>. This time there are three options: by frequency, by country, (approximately 800 kb, 132 pages each), or a combined listing (1.3 MB, 255 pages).

Best wishes for the new year, **Bruce Portzer**, Seattle, USA

WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (MF) **Martin Foltz**-25102 Pradera Drive-Mission Viejo, CA martin.foltz@qlogic.com
 HQ-180A & Collins 51J-2 with 1 foot air core loop
- (LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@mtwi.net
 Hammarlund HQ-150, Sanserino air-core box loop
- (NHP) **Nick Hall-Patch**-1538 Amphion St.-Victoria, BC V8R 4Z6 nhp@ieee.org
 Drake R8, Flag antenna
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org
 Hammarlund SP-600, Drake R8B, Collins -390A, various longwires, amplified Sanserino and RS loops
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
 Drake R8, 1500' Eastern Beverage
- (BN) **Bill Nittler**-108 El Mundo Road-Belen, NM 87002 nittlers2@scdial.com
 Drake R8A

- 530 WNJV296 CA, Los Angeles 1/1 1530 LAX AirRadio, terminal, parking, etc info. Fair signal, daytime regular now with their power increase to 100 watts. (MF-CA)
- 550 KARI WA, Blaine 1/6 0759 strong with call ID and slogan "Word Radio," then into program preview. (LG-MT)

- 620 KTAR AZ, Phoenix 1/3 had a fair signal with call ID at 0800, man said "News happens all the time at anytime... Radio 620, KTAR." QRM from KWAL-ID. (LG-MT)
- ?KIGS? CA, Hanford 1/6 2010-2015 probably the strong station on car radio with semi-news format (man & woman) in language I'm 95% sure was Portuguese. (LG-MT)
- KJOL CO, Grand Junction 1/7 was on top of KTAR at 0900 with ID as "Listener-supported Christian radio, KJOL, Grand Junction, and (sounded like) KCPQ." (LG-MT)
- 730 KDAZ NM, Albuquerque still religion until 3pm, then "Hard Country Z73." (BN-NM)
- 760 WJR MI, Detroit 1/1 0230 dominant with "Forecast from the WJR Weather Center." Not common these days. (PM-OR)
- 1010 KCPW UT, Tooele 1/4 very strong on car radio with call ID and ski report at 1008. Odd, no QRM from CBR. (LG-MT)
- 1150 KDEF NM, Albuquerque local spots in AM then "Real Oldies AM 1150." (BN-NM)
- 1180 KERI CA, Wasco 1/2 2301 very strong in KOFI null. I heard a religious show in Spanish, then ID as "KERI Greenacres, Wasco, Bakersfield." (LG-MT)
- 1210 KZTS WA, Sunnyside 12/29 2230 legal ID in English, then into Spanish type dance music. Incredible all by itself. Day power? New. (GH-OR)
- 1240 KTIK OR, Pendleton 12/24 squeaked through with call ID at 0800, heavy QRM from KWIK-ID. (LG-MT)
- 1260 CFRN AB, Edmonton 12/26 2300 several "Team 1260" ID's with ESPN sports format. Fair but drifts mixing with at least one unID. S-600 with E-W wire. (GH-OR)
- 1270 KBZZ NV, Sparks 12/27 1857 ads, "12-70 The Buzz" slogan, nice ID before CBS news at 1900, then Tom Leykis. Fair signal. (MF-CA)
- CHAT AB, Medicine Hat 12/26 2315 female gave CHAT ID, playing C&W music with choppy signal. 70% above one unID, gone by 2320. SP-600 on E-W wire. (GH-OR)
- 1310 KKNS NM, Corrales now Sporting News Radio. (BN-NM)
- 1340 KBBR OR, North Bend 12/28 0030 man said "You're Talk Radio Alternative, KBBR," barely above the pack with George Norry show and very weak signal. Heard only occasionally. (GH-OR)
- 1430 KBRC WA, Mount Vernon 12/24 0055 female ID and oldies format above the pack with fair but drifts signal. Not heard for some time. Drake with RS loop. (GH-OR)
- 1490 KWOK WA, Hoquiam 12/24 0100 faint ID in the jumble with ESPN format and news, ad for Carfax (I think). Really weak. New. Drake and RS loop. (GH-OR)
- 1600 KANM NM, Albuquerque now oldies also, but a different line-up. (BN-NM)
- 1610 WPSE479 CA, Needles 1/6 2120 Caltrans HAR with message on road conditions read by a woman. Poor to inaudible but got a good taped ID. New. (MF-CA)
- 1660 KRZX TX, Waco 1/1 0259 mixing with jumble with "K-R-Z-X, AM 16-60." (PM-OR)

DX TEST

- 1060 KTNS CA, Oakhurst 12/22 0312-0313 just a few whoops and some code snippets mostly under Christmas music from CKMX, and with heavily nulled CFAX-1070 splash. Nulling CFAX would have also nulled KTNS (same direction). I wouldn't have counted it on what I heard alone, but sent an audio file to Mr. Gamble who quickly verified that it was them. Much tougher than the Georgia test on 1420 earlier in the season, though much closer. (NHP-BC)
- 1220 (WRIB) RI, Providence 12/26 0000 not heard. Only a couple of unID weakies sputtering in the static, nothing intelligible. Drake & N-S wire. (GH-OR)

UNID

- 1610 UNID 1/4 2140 and 1/5 2220 noted with announcements by a woman. Announcement starts "The following is a public service from Caltrans," then it sounds like some construction information and ends with "The life you save may be you own." In very poor in WPSG912 null. Anyone in SoCal hearing this one? (MF-CA)

Thanks to our reporters this week. Nancy 1/8 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

- [NJ-MT] **Nancy Johnson**, Billings, MT NancyJohnson@Prodigy.net
Drake R8B, Kiwa loop.
- [PAL-MN] **Paul A. LaFreniere**, Grand Marais, MN Plafren@boreal.org
McKay Dymek DR-22, DA-100, Superadio III

DOWN THE DIAL

- 740 WNOP KY, Newport. 12-30. 07:00 with EWTV "Catholic Answers" program. New logging for me. [PAL-MN]
- 1090 KVOP TX, Plainview. 1-6 weak under KAAY. 03:58 with country music, "The Bulldog 106.9" slogans. New logging for me. [PAL-MN]
- 1160 WSKW ME, Skowhegan. 12-20 fair. 18:05 with spot for snowmobiles, "The Score" slogans, ESPN. "Only on ESPN 11-60 WSKW." New logging for me. [PAL-MN]
- 1250 KKHK KS, Kansas City. 12-29. 17:30 with SS format, "La Super Equis" slogans. SS music with high powered announcer. New logging for me. [PAL-MN]
- 1260 KFGO IA, Boone. 12-26. 16:27 with ID, "Solid Gospel 99.3 FM and 1260 AM KFGQ." New logging for me. [PAL-MN]
- 1280 KCNI NE, Broken Bow. 12-10. 08:12 with local weather and spots for a clothing store and a savings & loan. New logging for me. [PAL-MN]
- 1310 KGMT NE, Fairbury. 1-3. 16:45 in quick with ID, "Here on 13-10 KGMT." New. [PAL-MN]
- 1370 WLLM IL, Lincoln. 12-15 fair. 10:40 with Dr. Tony Evans religious program, SRN News, and an ID. New logging for me. [PAL-MN]
- 1410 KHOL ND, Beulah. 12-21 fair. 09:54 with spot for a firm on Main Street in Beulah, "KHOL Weather." New logging for me. [PAL-MN]
- 1670 KNRO CA, Redding. 1-4 strong. 23:00 with "Your home for the San Jose Sharks, San Francisco 49'ers, San Francisco Giants, and the Sacramento Kings. ESPN radio 16-70 KNRO Redding" into local spot. [NJ-MT]

25 YEARS AGO

January 12, 1980 issue of IRCA's "DX Monitor" ... **Steve Apel** of Lindenwold, NJ said he was a producer at WWDB 96.5 and also an instructor at the American Academy of Broadcasting in Philadelphia ... **Pat Martin** of Seaside, OR logged Solomon Island at Gizo on 945 ... **Gary Larson** of Burbank, CA told about talking to the operations manager of KUTY 1470 ... **Doug Nyholm** of San Carlos, CA found a Radio West loop under the Christmas tree.

OPEN MIKE

Thanks to Nancy and Paul for the reports this week. You will notice that every one of Paul's loggings was a new station for him! This column was typed 1-8-05. 73, John

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: Every Saturday @ 0800

STARS OF THE WEEK

- | | | |
|----------|-----------------------|---|
| (LF-FL) | your editor | Ocala, FL
Drake R-8B, KIWA Loop, Potomac FIM-41, MFJ Phasor, LF ENG Active ant MFJ 616 audio enhancer, OMT Auto Logging Software, Vox Pro E-2 editing software |
| (RW-KY) | R.C. WATTS | 4109 Graf Dr., Louisville, KY 40220
CC Radio, RS Loop |
| (IEN-GA) | Ira Elbert New | Watkinsville, GA
AIWA CSD-FD89 |

LOGGINGS

- | | | | |
|------|----|------|--|
| 560 | FL | WQAM | Miami 1/08 0800 Fair with TOH ID. Not a regular here due to Cuba. They are dominant. (LF-FL) |
| 580 | GA | WGAC | Augusta 1/06 2000 CBS Nx & the Savage Nation. Fair to good. (RCW-KY) |
| 690 | PQ | CINF | Montreal 1/07 1945 News in FF. Fair. (RCW-KY) |
| 990 | MB | CBW | Winnipeg 1/08 0005 News; Radio One ID into classical mx. (RCW-KY) |
| 1320 | PA | WJAS | Pittsburgh 1/03 2120 Memory MX; Frequent ID's. Poor to good as faded up and down in the QRM. (RCW-KY) |
| 1340 | GA | WSGF | Augusta 1/07 0800 TOH ID "Home for Southern Gospel Music." New. (LF-FL) |
| | NC | WLSG | Wilmington 1/07 1700 & 1800 TOH ID. New. (LF-FL) |
| | SC | WQSC | Charleston 1/08 0300 out of the mud with TOH ID. (LF-FL) |
| 1520 | NY | WWKB | Buffalo 1/07 1955 Oldies. Decent signal fading under KOKC. "KB 1520 Classic Hits from the 50's & 60's." (IEN-GA) |

DX TEST

- | | | | |
|-----|----|------|--|
| 560 | PA | WFIL | Philadelphia 1/08 0202 DX Test Fir to good. (RCW-KY) |
|-----|----|------|--|

A short one this week. Did grab a couple off the auto logger on 1340. Recorded the WFIL DX test, but nothing was heard. Too much Cuba and WQAM Miami. CD reprints are selling well, so get your order in today. It would be BEST if you make checks out to ME. Checks made out to IRCA has to be forwarded to Lynn. I will be depositing the checks, then make one check to IRCA for the month. FRESH 1/09 1100

DX FORUM

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

E-mail: REvans5435@aol.com

DEADLINES: Sundays

Deadline for the Anniversary issue will be March 12, 2005. You can report early for it, but please mark it as being for the anniversary issue. Thanks. Early reports will be appreciated.

Ray Bauernhuber, 151-64 18th Avenue, Whitestone, New York 11357-3102

Hi everyone! With the nominations period for our President, Secretary/Treasurer and Board of Directors rapidly coming to a close (1/15/05) I have received nominations from a grand total of THREE members! I urge everyone to get involved with their club and e-mail me your choices to: DXRADIO@webtv.net. 73's, Ray

Doug Pifer, 3410 Marion St. SE, Albany, Oregon 97322 oregon4wd@comcast.net

Hi All, I wanted to mention a couple of items this time around. For those of you who subscribe to the hard copy **DX Monitor**, if you have any problems receiving your bulletin or if it's severely damaged in the mail, drop me a line or email me. I will send you another copy. I've been having a fun and productive DX season so far, although I did take the last few weeks off from listening. I started a month late for the DX Contest, but have done well, managing to hear about 30 new stations. (Either my log is small or I am actually doing good, hi.) The last new station I heard for 2004 was 620 KHNR-Honolulu, ya-hoo. The line up of DX Tests has been great and I really enjoyed the 1060 KTNS test. Although I wasn't able to try for the 560 WFIL test, it sounds like it went off successfully this morning. Many thanks to these radio stations! Speaking of DX tests. Those of you who aren't subscribed to the IRCA mailing list (group email), you may want to consider joining as it is a good source of all around information and also last minute DX test updates etc. Check out the last page of the bulletin for details. My thanks to all the contributors, editors and IRCA promoters. Best of DX and 73- Doug-KE6GMM

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

Not much chance to listen this week. If I wasn't working, I was sleeping, even if it was straight up in a chair, hi. I finally decided it was time to try and log some of the Latin stations I keep hearing and ignoring, so I have added Radio Progreso-640 for the first Cuban in my log. I don't speak SS and prefer to listen to FF over SS which doesn't help. Tonight, 1/9, I did do some SS DX and picked off two stations, KCAB-980 AR and WJLR-1480 TN. Now at 517 heard. 73.

WEBSITE WANDERINGS

Raymond Bauernhuber – 151-64 18th Ave – Whitestone NY 11357-3102

E-mail: DXRADIO@Webtv.net

Hi everyone, welcome to another website column. If anyone comes across a radio related website please forward it to me at: DXRADIO@webtv.net. I will be most grateful.

Don't forget to access and enjoy IRCA's own excellent website at: <http://www.ircaonline.org/irca1.htm>.

I thank Doug Pifer for this column's websites that he 'wandered' across in his internet travels.

Need to locate a radio station. Find it here: <http://www.radio-locator.com/>. It's not perfect but it's good and quite useful.

Would you like to know the distance from your QTH to that radio station you just heard? Go to: <http://www.indo.com/distance/>. Just scroll down and enter in the 'from / to' info: For example, it's 4478 miles from Whitestone to Timbuktu (Mali). If Doug pays my gas bill it's a plan! Hi!

Need a Mexican resource? At this site: <http://www.diccons.com/radio/komex1.htm>. You can search by State and it isn't all in Spanish. A lot of the X-Station websites I found were only in Spanish so this site is a help.

And with that I will bid you adieu until the next issue of the Monitor and say:
"73 de DX de NY" ~ Ray

SPORTS ON RADIO

Compiled by: O Howit Hertz

E-mail: artngwen@calweb.com

Feedback is appreciated...

KAMP-1570 UNIV. of ARIZONA SPORTS BROADCASTS

January 21 Men's Hockey - vs Oklahoma
7:30PM

February 4 Softball - vs Tulsa 4:00PM, vs
Kansas 6:00PM

February 15 Baseball - vs ASU 4:00PM

February 18 Men's Hockey - vs ASU 7:30PM

February 19 Men's Hockey - vs ASU 7:00PM

March 3 Softball - vs Eastern Michigan 6:00PM

March 4 Baseball - vs Texas 7:00PM

April 8 Softball - vs Stanford 7:00PM

April 9 Softball - vs Oregon 7:00PM

April 15 Baseball - vs Oregon State 7:00PM

April 22 Softball - vs ASU 7:00PM

April 23 Softball - vs ASU 7:00PM

April 29 Baseball - vs USC 7:00PM

May 6 Softball - vs UCLA 7:00PM

KDSJ-980 Sports Programming for January, 2005

January 18 Girl's BB - Sturgis @ Belle Fourche 7:00PM

January 20 Men's & Women's BB - Black Hills State @ South Dakota Tech 5:00PM

January 21 Girl's BB - R. C. Central @ Spearfish 7:00PM

January 22 Boy's BB - Lead @ Red Cloud 5:00PM

January 22 Boy's BB - Spearfish @ R. C. Central 7:00PM

January 25 Girl's BB - Douglas @ Lead 7:00PM

January 28 Men's & Women's BB - Black Hills State @ Huron 4:00PM

January 29 Boy's BB - Spearfish @ Aberdeen 6:00PM

KDUN-1230 REEDSPORT HIGH SCHOOL RADIO BROADCASTS

January 18 @ Gold Beach 6:00PM

January 21 vs Glide 6:00PM

January 25 @ Myrtle Point 6:00PM

January 28 vs Oakland 6:00PM

January 29 @ Yoncalla 6:00PM

February 4 vs Pacific 6:00PM

February 8 vs Gold Beach 6:00PM

February 11 vs North Douglas 6:00PM

February 12 vs Bandon 6:00PM

February 15 @ Glide 6:00PM

February 17 vs Myrtle Point 6:00PM

February 19 Big Fir League tie-breaker game, if
necessary, else #4 vs #3 TBA

February 21 #4 vs #3, if not played 2/19 TBA

February 22 OSAA Playoffs - Round 1 TBA

February 25 OSAA Playoffs - Round 2 TBA

March 3, 4, & 5 OSAA State Finals @
Pendleton TBA

KGFX-1060 Sports Programming for January, 2005

January 18 Boy's BB - Highmore @ Stanley Co. 8:00PM

January 20 Girl's BB - Stanley Co. @ SPC Tournament TBA

January 21 Girl's BB - Stanley Co. @ SPC Tournament TBA

January 22 Girl's BB - Stanley Co. @ SPC Tournament TBA

January 25 Boy's BB - Stanley Co. @ Sully Buttes 8:00PM

January 28 Girl's BB - Pierre @ Spearfish 8:30PM

January 29 Girl's BB - Pierre @ Sturgis 8:30PM

KGME-910 NCAA BASKETBALL BROADCASTS

January 17 Oklahoma State @ Texas 6:45PM

January 26 Maryland @ Duke 7:00PM

January 27 Washington @ Arizona 6:15PM

January 29 Texas @ Kansas 6:45PM

February 2 Duke @ Wake Forest 6:45PM

February 5 UCLA @ Washington 2:45PM

February 7 Oklahoma @ Oklahoma State
6:45PM

February 9 North Carolina @ Duke 7:00PM

February 12 TBA TBA

February 13 TBA TBA

February 19 TBA TBA

February 19 Mississippi State @ Kentucky
6:45PM

February 20 Wake Forest @ Duke TBA

February 26 Missouri @ Texas 10:45PM

February 26 Arizona @ Washington TBA

February 27 TBA TBA

February 27 North Carolina @ Duke 3:15PM

February 28 Oklahoma @ Texas 6:45PM

March 5 TBA TBA

March 5 Texas @ Oklahoma State 6:45PM

March 12 A-10 Championship 3:45PM

March 12 Big East Championship 5:45PM

March 13 ACC Championship TBA

KGVO-1290 UNIVERSITY OF MONTANA BASKETBALL

January 20 vs Northern Arizona 7:05PM

January 22 vs Sacramento State 7:05PM

January 27 @ Portland State 8:05PM

January 29 @ Eastern Washington 8:05PM

February 3 vs Weber State 7:05PM
February 5 vs Idaho State 5:05PM
February 17 @ Sacramento State 8:05PM
February 24 vs Eastern Washington 7:05PM
February 26 @ Portland State 7:05PM

KJAN-1220 Sports Programming

January 18 Girl's & Boy's BB - Atlantic @ Harlan 6:15PM
January 21 Girl's & Boy's BB - CAM @ Elk Horn-Kimballton 6:15PM
January 25 Girl's & Boy's BB - Adair-Casey @ Exira 6:15PM
January 28 Girl's & Boy's BB - Orient-Macksburg @ Walnut 6:15PM
February 1 Girl's & Boy's BB - Audubon @ Griswold 6:15PM
February 4 Girl's BB - Atlantic @ Denison 7:45PM
February 8 Boy's BB - Atlantic @ Red Oak 7:45PM
February 11 Girl's & Boy's BB - CAM @ Walnut 6:15PM
February 15 Boy's BB - Treynor @ CAM 7:45PM
February 18 Boy's BB - Atlantic @ Denison 7:45PM
February 25 Boy's BB - Atlantic @ Glenwood 7:45PM

KKTL-1400 SPORTS PROGRAMMING SCHEDULE

January 24 Boy's & Girl's BB - Kelly Walsh vs Natrona C.C. 6:00PM & 7:30PM
January 31 HS BB - Natrona @ Riverton 7:15PM
February 8 HS BB - Natrona & Sheridan 7:15PM
February 13 Girl's & Boy's BB - Natrona vs Kelly Walsh 6:00PM & 7:30PM
February 28 HS BB - Kelly Walsh @ Sheridan 7:15PM
March 6 BB - Regional Tournament @ Sheridan TBA
March 13 BB - State Tournaments @ Casper TBA

KMKZ-1240 WEST HIGH GIRLS BASKETBALL BROADCAST SCHEDULE

January 21 @ Central 5:45PM
January 22 vs Skyview 4:30PM
January 25 vs Senior 7:30PM
January 29 @ Lewistown 5:00PM
February 4 vs Laurel 7:30PM

February 5 vs Bozeman 4:30PM
February 11 @ Miles City 7:30PM
February 19 @ Bozeman 4:30PM
February 25 vs Great Falls 7:30PM
February 26 vs CMR 4:30PM

KOFI-1180 UM BASKETBALL BROADCAST SCHEDULE

January 20 vs Northern Arizona 7:05PM
January 22 vs Sacramento State 7:05PM
January 27 @ Portland State 8:05PM
January 29 @ Eastern Washington 8:05PM
February 3 vs Weber State 7:05PM
February 5 vs Idaho State 5:05PM

February 13 @ Montana State 7:05PM
February 17 @ Sacramento State 8:05PM
February 24 vs Eastern Washington 7:05PM
February 26 vs Portland State (104th Meeting)
7:05PM
February 28 @ Northern Arizona 7:05PM

KROD-600 UTEP BROADCAST SCHEDULE

January 20 Men's BB - vs Hawaii 6:30PM
January 20 Women's BB - @ Hawaii 10:00PM
January 22 Men's BB - vs San Jose State
6:30PM
January 27 Men's BB - @ SMU 5:30PM
January 29 Men's BB - @ Louisiana Tech
5:00PM
January 29 Women's BB - vs Louisiana Tech
7:05PM
February 3 Men's BB - @ Tulsa 5:30PM
February 5 Men's BB - @ Rice 7:30PM
February 10 Men's BB - vs Fresno State
6:30PM

February 12 Men's BB - vs Nevada 6:30PM
February 16 Men's BB - @ San Jose State
7:30PM
February 17 Women's BB - vs San Jose State
7:05PM
February 21 Men's BB - @ Hawaii 9:30PM
February 24 Women's BB - @ Louisiana Tech
5:30PM
February 25 Men's BB - vs Louisiana Tech
6:30PM
February 27 Men's BB - vs SMU 3:30PM
March 3 Women's BB - @ Boise State 7:05PM
March 5 Men's BB - vs Boise State 6:30PM

KRWC-1360 SPORTS BROADCASTS SCHEDULE

January 18 Boy's Hockey - Buffalo @ Totino Grace 7:30PM
January 20 Wrestling - Cambridge @ Buffalo 7:15PM
January 21 Girl's BB - Monticello @ Buffalo 7:30PM
January 27 Boy's Hockey - Buffalo @ Spring Lake Park 7:30PM
January 29 HS BB - Monticello @ Buffalo 7:30PM
February 1 Wrestling - TBD @ Buffalo Triangular TBA
February 3 Girl's Hockey - TBD @ Wright County TBA

February 8 Boy's Hockey - Edina @ Buffalo 7:00PM
February 10 Girl's BB - Cambridge @ Buffalo 7:30PM
February 15 HS BB - St. Cloud Apollo @ Buffalo 7:30PM
February 17 HS BB - Cambridge @ Buffalo 7:30PM

KURL-730 WEST HIGH BOYS BASKETBALL BROADCAST SCHEDULE

January 18 vs Skyview 7:30PM
January 21 @ Central 7:30PM
January 29 vs Lewistown 5:00PM
February 4 @ Laurel 7:30PM
February 5 @ Bozeman 4:30PM

February 10 @ Senior 7:30PM
February 11 vs Miles City 7:30PM
February 19 vs Bozeman 4:30PM
February 25 @ Great Falls 7:30PM
February 26 @ CMR 4:30PM

KVSN-1340 Sports Programming

January 18 Boy's BB - Centralia @ Tumwater 7:30PM
January 19 Girl's BB - Olympia @ Capital 7:00PM
January 20 Boy's BB - North River @ NW Christian 7:00PM
January 27 Boy's BB - Tumwater @ Black Hills 7:30PM
January 31 Girl's BB - Timberline @ North Thurston 7:30PM
February 1 Girl's BB - Centralia @ Black Hills 7:30PM
February 3 Girl's BB - Chehalis @ Tumwater 7:30PM
February 4 Boy's BB - Yelm @ North Thurston 7:30PM
February 8 Boy's BB - River Ridge @ Tumwater 7:30PM
February 10 Boy's BB - Yelm @ Black Hills 7:30PM
February 11 Girl's BB - Capital @ Olympia 5:30PM
February 14 Girl's BB - Timberline @ River Ridge 7:30PM

WBGZ-1570 SPORTS SCHEDULE

January 18 Girl's BB - Civic Memorial @ EA/WR 7:30PM, Granite City @ Alton 9:15PM Tape
January 20 Men's BB - Illinois @ Iowa 5:40PM
January 20 Girl's BB - Roxana @ Marquette 8:30PM Tape
January 25 Men's BB - Illinois @ Wisconsin 5:40PM
January 25 Boy's BB - Marquette @ Southwestern 8:30 Tape
January 28 Boy's BB - O'Fallon @ Alton 7:40PM, EA/WR @ Marquette 9:15PM Tape

WBNL-1540 HIGH SCHOOL BASKETBALL SCHEDULE

January 18 Boy's BB - Castle @ Central 7:30PM
January 21 Boy's BB - Boonville @ Bosse 7:30PM
January 22 Girl's BB - Boonville @ Harrison 7:30PM
January 28 Boy's BB - Washington @ Boonville 7:00PM
January 29 Boy's BB - Reitz @ Boonville 7:30PM
February 1 Girl's BB - Memorial @ Castle 7:30PM
February 4 Boy's BB - Heritage Hills @ Boonville 7:30PM
February 5 Boy's BB - Tecumseh @ Vincennes Rivet 7:00PM
February 8 Girl's BB - Girl's Sectional TBA
February 10 Boy's BB - Boonville @ Gibson Southern 7:30PM
February 11 Girl's BB - Girl's Sectionals Semi-finals TBA
February 12 Girl's BB - Girl's Sectionals Finals TBA
February 15 Boy's BB - Castle @ Tecumseh 7:30PM
February 18 Boy's BB - Jasper @ Castle 7:00PM
February 19 Boy's BB - Perry Central @ Tecumseh 7:00PM or Girl's BB Regionals TBA
February 22 Boy's BB - Tell City @ Castle 7:00PM
February 25 Boy's BB - Southridge @ Boonville 7:00PM
February 26 Girl's BB - Girl's Semi-State TBA
March 1 Boy's BB - Boy's Sectionals TBA
March 4 Boy's BB - Boy's Sectional Semi-finals TBA
March 5 Boy's BB - Boy's Sectional Finals TBA
March 12 Boy's BB - Boy's Regional TBA

WCLT-1430 Sports Programming for January, 2005

January 19 Men's BB - Ohio State vs Minnesota 7:45PM
January 20 Women's BB - Ohio State @ Indiana 6:45PM
January 21 HS BB - Newark vs Lancaster 7:30PM
January 22 Men's BB - Ohio State @ Indiana 7:40PM
January 26 Men's BB - Ohio State vs Penn. 7:45PM
January 27 Women's BB - Ohio State @ Wisconsin 7:45PM
January 28 HS BB - Newark @ Upper Arlington 7:00PM
January 29 HS BB - Newark @ Mt. Vernon 6:30PM

WCSR-1340 & 92.1 HIGH SCHOOL BASKETBALL BROADCASTS

All Hillsdale games are on AM-1340; all Out-County games are on-FM 92.1

January 18 Hillsdale @ Tecumseh 7:00PM - Camden-Frontier @ Pittsford 7:30PM	February 1 Hillsdale @ Western 7:00PM
January 21 Stockbridge @ Hillsdale 7:00PM - Waldron @ Camden-Frontier 7:30PM	February 8 Jonesville @ Hillsdale 7:00PM
January 25 Hillsdale @ Quincy 7:30PM	February 11 Albion @ Hillsdale 7:00PM
January 28 Hillsdale @ Columbia Central 7:00PM - Litchfield @ North Adams-Jerome 7:30PM	February 15 Hudson @ Hillsdale 7:00PM
	February 18 Hillsdale @ Stockbridge TBA
	February 22 Hillsdale @ Bellevue 7:30PM
	February 25 Columbus Central @ Hillsdale 7:00PM

WEBC-1420 HIGH SCHOOL BASKETBALL BROADCAST SCHEDULE

January 18 Girl's BB - Lenox @ Wahconah 7:15PM
January 20 Girl's BB - Taconic @ Pittsfield 6:45PM
January 21 Boy's BB - Pittsfield @ St. Joseph's 7:15PM
January 24 Girl's BB - Lee @ Lenox 7:15PM
January 25 Boy's BB - Drury @ Taconic 6:45PM
January 27 Girl's BB - Drury @ Taconic 6:45PM
February 1 Boy's BB - Mt. Greylock @ St. Joseph's 7:15PM
February 3 Girl's BB - Monument @ Pittsfield 6:45PM
February 7 Girl's BB - Hoosac @ Taconic 6:45PM
February 8 Boy's BB - Monument @ Taconic 6:45PM
February 10 Girl's BB - Mount Greylock @ St. Joseph's 7:15PM
February 15 Boy's BB - Lenox @ Wahconah 7:15PM
February 17 Girl's BB - Drury @ Wahconah 7:15PM
February 18 Boy's BB - Lee @ Lenox 7:15PM
February 22 Boy's BB - Wahconah @ Pittsfield 6:45PM
February 23 Girl's BB - Drury @ Lee 7:15PM

SPECIAL FEATURE – IRCA Reprint List Update

Thanks to Lee Freshwater and Nick Hall-Patch, we have a 2004 update to our Reprint List. Instructions for ordering appear at the end. These reprints are included in the Reprint CD Lee is selling.

ANTENNAS

- A142 **Advanced Q-Stick DXing Techniques** (2) Gerry Thomas. How to use your Q-Stick and portable radio to improve reception quality and increase your probability of nabbing some tough DX.
- A143 **Two Updated Remote Active Antennas** (20) Mark Connelly. The updated construction and use of 2 Remote Active Antennas.
- A144 **Remote-Controlled Termination Beverage Antenna** (18) Steve Byan. Describes how to use a commercial cadmium sulphide photocell package to control the termination resistance of a Beverage antenna from the receiver. Also some notes on Beverage antenna installation and operation. 02/97
- A145 **The JPS ANC-4 Antenna Noise Canceller** (3) Harry Helms and Nick Hall-Patch. A brief description and operational review of a commercial noise canceling system that uses a built in active antenna. 02/97
- A146 **The MFJ-1026** (2) Mark Connelly. An extensive review of this "Deluxe Noise Canceling Signal Enhancer" from MFJ, including instructions for making it functional from 300 to 1800 kHz, and describing its use as a phasing unit for two different antennas. 08/97
- A147 **DXP-1 DXpedition Phasing Unit** (17) Mark Connelly. Construction and use of the DXP- with features not available on the MFJ-1026. 05/99
- A148 **Is it a Loop or a Random Wire?** (6) Nick Hall-Patch. A description of terminated loop antennas that provide cardioid receiving patterns, including the K9AY, the Ewe, Flag and Pennant antennas. 03/00
- A149 **The Wellbrook K9AY Antenna: A User's Review** (6) John Bryant. A review of a commercially available version of the K9AY antenna, describing its capabilities on long, medium and short waves, and a variant that uses 4 loops for greater nulling precision, rather than Wellbrook's original two loops. 08/00
- A150 **Loop Antenna Experiments** (1) Mark Connelly. An excerpt from some recent correspondence with Gerry Thomas, of RadioPlus Electronics, on loop experiments. 03/01
- A151 **Is Your Coaxial Lead-In Actually an Antenna??** (6) John H. Bryant with Bill Bowers. Description of how a coaxial cable lead-in can degrade the directionality and low noise characteristics of an antenna, along with notes on the design and testing of the RF chokes used to solve the problem. 04/01, updated to 10/03

- A152 **Electrically-Short Dipole Antennas** (1) Mark Connelly. Discussion of a short dipole antenna and how to obtain maximum signal. 05/01
- A153 **Initial "Kaz Antenna" Tests at WA1ION** (1) Mark Connelly. 05/01
- A154 **"Sloper Antenna Tests"** (1) Mark Connelly. Mark discusses several sloper antennas he has used, and how it diminished local signals. 06/01
- A155 **Fabricating Impedance Transformers for Receiving Antennas** (13) John Bryant. An update of reprint A94, describing the theory behind the design of antenna impedance matching transformers, the preferred core materials, and practical details on winding and using the transformers. 05/01, updated 07/03
- A156 **Testing Two "KAZ" Squashed Delta Antennas** (8) John Bryant. The Kaz antenna is a variant of the cardioid designs described in A148. This review compares its performance with the K9AY antenna, and describes the advantages of the "Super" Kaz, a larger version of the original. 05/01
- A157 **KAZ vs Flag** (1) Andy Ikin. Andy tests the KAZ Delta Loop against the KA9AY. 08/01
- A158 **Phasing Improves Kaz Antenna Nulls** (2) Mark Connelly. 09/01
- A159 **Loop Shoot-Out at East Harwich** (3) Mark Connelly. A comparison of the performance of a Kiwa loop against variants of the Quantum loop and against a 30-meter sloper antenna. 10/01
- A160 **Phased Spaced Active Whips and Broadband Loops** (3) Mark Connelly. A comparison of phasing two active whip antennas against each other versus the phasing of two small broadband loop antennas, as well as phasing a whip against a loop. 08/02
- A161 **Flag Antenna Construction and Test Results** (5) Mark Connelly. A detailed description of the construction of this antenna, including matching transformer and remotely controlled Vactrol termination. 10/02
- A162 **New Termination Control Method for Flag, Pennant, and similar Antennas** (2) Mark Connelly. Another method for remotely varying an antenna termination, using two feed lines. 12/02
- A163 **Three Loop Antenna Array with Electrically-Rotatable Nulling** (5) Mark Connelly. By using three broadband loop antennas set up at 120 degree bearing differences, a fully rotatable single-null (cardioid pattern) can be achieved by combining given pairs of loops. 03/03
- A164 **The AMRAD Active Antenna/The Wellbrook ALA 100 Large Aperture Active Loop Antenna** (2) Nick Hall-Patch. Review of an active whip antenna, originally described in a QST construction article, as well as a review of a commercially available active broadband loop antenna. 09/03

FOREIGN

- F106 **List of Marine Weather Information Stations in Japan** (1). Following is a list of the 28 stations operating in Japan. All operate every hour for 1-2 1/2 minutes giving weather and ID info. All operate on 1670.5 khz in the H3E mode. After the station location, the time the station is on follows. Note: Many of these locations are not listed on a map. 10/98
- F107 **Bruce Portzer's DX report** (10). From a recent trip to St. Lucia in the Caribbean. 12/00
- F108 **JAPANESE MW STATION LIST** (6) John Bryant. A comprehensive list of Japanese AM stations. Sorted by frequency, location, and Commercial Broadcasters. An abridged list is available via paper. Full list is included on CD. 03/01
- F109 **Caribbean Cruise Notes** (1) Bob Foxworth. Some notes on his 3 day Western Caribbean Carnival Cruise. 12/01
- F110 **The Fidel Report** (6) Harold Frodge. Networks and Broadcasting stations in Cuba. 03/02
- F111 **Medium Wave Parallels in Trans Pacific DXing from the West Coast of North America (1200-1600 UTC)** (2) John H. Bryant. 11/02
- F112 **Alaska from the lower 48 states** (1) Craig Healy. Grayline DXing Alaska from the West Coast. From www.am-dx.com. 05/03

GENERAL

- G64 **Frequency Selective Voltmeters and their Uses in the Radio Hobby** (3) Don Moman. A description of how these pieces of surplus test equipment can be used as DX receivers, what features to look for, and quick reviews of some of the available models. 02/98
- G65 **Use of Directional Maps to Track Radio Station Reception** (4) Richard P Boehme. Using a computer and the FCC database, Richard shows how to calculate distance and azimuth for DX stations.
- G66 **Using the A-index to predict good propagation?** (2) Nick Hall-Patch. An analysis of receptions of HLAZ-1566 in Western Canada over three DX seasons, with an unsuccessful attempt to correlate the best receptions with low A-indices. 09/00
- G67 **THE AURORA** (2). Several DX report their loggings from a major Aurora event. 04/01
- G68 **My "much-beloved" Audio Switching Network** (4) John Bryant. Describes a system to allow a DXer to monitor two receivers at once, either in stereo or separately. Similar to M11. 05/01
- G69 **My first 25 states from Northern California (without using a loop)** (2) Rich Toebe. 10/01
- G70 **Radio Youth of a City Boy** (2) Walt Breville. 12/01

MODIFICATION

- M80 **A home-built double-superhet LW/MW receiver with sync AM-detection** (6) Ad Dieleman. Description of a high quality homebrew receiver with block diagrams and design details of each stage of the receiver, particularly of the synchronous AM demodulator. 10/01
- M81 **CCRadio Tune-UP/Display Fix** (4) Gerry Thomas. Detailed description of the RF/IF alignment procedure for this portable radio, as well as a cure for an erratic display. 11/01
- M82 **Review of Kiwa's 3.7 kHz Filter for the CC Radio** (1) Harry Helms. Kiwa's switchable IF filter for the CCRadio is evaluated. 11/01

RECEIVERS

- R84 **AOR AR7030** (2) Guy Atkins. A top-notch review.
- R85 **Battle of the "Super" Radios** (6) Gerry Thomas. A detailed evaluation of the GE Superradios I, II and III, as well as the Radio Shack Optimus 12-603. 09/98
- R86 **The SONY ICF-SW7600G, ICF-SW1000T, and ICF2010 as Medium Wave Receivers** (4) Nick Hall-Patch. Comparison of these three SONY portables, all of which offer AM synchronous detection. 06/97
- R87 **The JRC NRD-535D as a Medium Wave Receiver** (4) Nick Hall-Patch. Compares various parameters of this radio with a homebrew receiver, as well as with a SONY ICF-2010. 06/97
- R88 **An Informal Review of the Harris 590 Solid State Receiver** (5) John Bryant. A comparison of this surplus receiver with a JRC NRD-525 and a Watkins-Johnson WJ-1000. 07/98
- R89 **CCRadio Reviews** (7) Steve Hawkins, Gerry Thomas and Kevin Redding. Three reviews of the AM DX portable from C. Crane. Thomas' review compares it with the GE Superradios II and III, as well as with more expensive portables. 11/99 and 05/01
- R90 **The Palstar General Coverage Receiver** (4) Gerry Thomas. Detailed review of the R30 receiver, comparing it with the Drake R8 and JRC NRD-535D. 06/00
- R91 **The Grundig Yacht Boy YB 400PE as a Medium Wave Receiver** (3) Nick Hall-Patch. An evaluation of this portable side by side with a SONY ICF-2010. 03/01
- R92 **Radio Shack's Current DX Portables: Performance from a BCB DX Perspective** (5). Gerry Thomas. The Radio Shack DX-398, DX-402 and DX-396 are compared with the CCRadio, ICF-2010 and ICF-7600G. 11/01
- R93 **Best DX Radios** (2) Gerry Thomas. A collection of mini-reviews of thirteen desktop and twelve portable radios from a medium wave DXer's standpoint, along with relative ranking of DX capability. 12/01
- R94 **The Ten-Tec RX-320 as a MW receiver** (2) Nick Hall-Patch. A review of this computer-controlled receiver, from a MW DXer's standpoint. 03/02
- R95 **Impressions of the Drake R-8B** (2) Rick Kenneally. 03/02
- R96 **Sangean ATS-909** (2) Rich Toebe. Review By Article and Photos. 06/02
- R97 **The ICOM IC-R75 receiver for MW DXing** (2) Nick Hall-Patch. An overview of opinions about this latest receiver from ICOM, including comparisons with the Drake R8 and AOR AR-7030. 12/03

TECHNICAL

- T79 **A Precision Frequency Measurement System** (4) Albert Lehr. A description, with block diagram, of an Allied A-2515 receiver modified to enable the DXer to measure the frequency of a received signal with a precision of down to 0.001 Hertz.
- T80 **Signal Strength Recording as an Aid to Propagation Studies** (8) Nick Hall-Patch. Using a computer controlled receiver to automatically monitor and record signal strengths allowed the author to hypothesize about the causes of sunrise enhancement of trans-Pacific radio stations. 10/99
- T81 **MW Carrier Monitoring** (2) Mark Hattam. Describes the use of the free Spectrum Lab audio analysis software to differentiate between different radio station carriers on a given frequency. By recording those carriers over time, possible reception of stations is indicated that otherwise could not be identified by audio monitoring. 10/02
- T82 **dxRadar: using a PC for TA DX** (3) Christoph Mayer. The author created a Linux computer program to control his AR7030, scan TA channels for DX while tuning a loop antenna, record evidence of a number of signals on the same channel with 1 Hertz resolution, and record the audio from the strongest TA automatically. 11/02
- T83 **Emerging Techniques of High-Tech DXpeditioning** (12) Guy Atkins, John H. Bryant, Nick Hall-Patch and Don Nelson. Describes the use of the portable computer to not only provide software aids to DXing such as sunrise/sunset, station databases and logging programs, but also to control receivers, record the audio from them, and indicate propagation openings via automatically tuned receivers. 01/03
- T84 **Using the ICOM IC-PCR1000** (3) Nick Hall-Patch. PC controlled receiver for medium wave reception. A medium-wave DXer's review of ICOM's entry in the "black box" computer controlled receiver stakes. 04/03
- T85 **Using a PC sound card for SSB/CW/AM demodulation** (1) Nick Hall-Patch and Vittorio De Tomasi. Describes how to tap the IF signal from a receiver, convert it to audio range, and demodulate it using a PC sound card and "IFDSP" freeware. 04/03

- T86 **Phase Noise in Communications Receivers** (1) Steve Ratzlaff. A description of receiver phase noise, why it is a problem, how it can be measured, and some examples of measurements made by the author.
- T87 **Using a PC and a Communications Receiver for Advanced DXing** (3) Nick Hall-Patch. Describes the use of the Dymek DR-333 "black box" communications receiver as a propagation monitor, using the author's software to record ongoing signal strengths of selected overseas stations.

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