



DX MONITOR

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International Radio Club of America

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Seattle deadline for next issue – Monday 6/26 6 PM PLT. IRCA is still looking for a new editor for **DXWorldWide-West**, **DX Test Coordinator** and backup **Editor-in-Chief**.

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2017 IRCA/NRC/DecalcoMania CONVENTION

IRCA will be hosting the 2017 **IRCA/NRC/DecalcoMania** Convention held Thursday August 17-Saturday August 19 (checking out on Sunday) at the Best Western Airport Plaza hotel, 1981 Terminal Way, Reno NV 89502. For reservations use phone number 775-348-6371 and request International Radio Club of America rate of \$100 per night plus tax. Major credit cards accepted. (Attendees are encouraged to double up, share a room and save). Airlines serving Reno include Alaska, Allegiant, American, Delta, JetBlue, Southwest, United, and Volaris. Amtrak passenger train service is available as well. Registration fee (not including banquet) is \$25 payable to **Mike Sanburn**, PO Box 1256, Bellflower CA 90707-1256. Or, by PayPal (add \$1 to cover fee) **mikesanburn@hotmail.com** Include contact info and club affiliation(s) if any. Information on activities, banquet, and station tours will be announced shortly. Visitor's information can be found online at www.visitrenotahoe.com.

This year's **IRCA/NRC/DecalcoMania** convention in Reno will be an excellent chance to re-connect with old friends and to share DX stories. Speaking of sharing, we issue our annual **call to action** for those who wish to present a talk or paper during the convention. As you know, this can be as *formal* or *informal* as you want. To make it easier, we can provide you with audio-visual support, including slide-preparation and display.

If you're interested in sharing your experiences... or if you want to present questions for discussion that might lead to a better understanding of a particular aspect of your own DXing, please contact Mark Durenberger at **Mark4@durenberger.com**

It is the tradition of both IRCA and NRC to have a Saturday Night auction at their annual conventions. This August is no exception. If you are planning on attending Reno, if you are able to find any interesting and preferably radio/DX related items that can be donated it is always greatly appreciated. Perhaps raid the local thrift store for some radio station coffee mugs, or maybe there is that station T-shirt which no longer fits, some DX books which you have already read 10 times. Best if you can bring them directly to the convention hotel, but I can accept smaller and mid-sized items mailed via USPS to my PO Box (1256 Bellflower CA 90707-1256) Auction proceeds will be divided between the clubs and hopefully all attendees can leave with a little item or two for their shack. Thank for your time.

Mike Sanburn KG6LJL

2017 Madison-Milwaukee Get-Together

Our 24th annual get-together will be on Saturday, August 21 at our place in Oak Creek, Wisconsin, 801 E Park Blvd. By all means, go to the Reno convention the same weekend if you can, but if you can't, we offer an alternative. If you're travelling to view the eclipse, take in the get-together as part of your trip. E-mail me at **DXing2@aol.com** or phone me at 414 813-7373 if you'd like more information. **Tim Noonan**

WRTH Bargraph Frequency Guide A17 (Now Available – Buy your CD or Download today!)

We are delighted to announce the availability of the new WRTH Bargraph Frequency Guide for the A17 season. The CD contains the complete, and monitored, A17 international broadcasts on LW, MW and SW, and fully updated domestic shortwave, displayed as a pdf colour bargraph. There are also other pdf and xls files to help you get the most out of the Bargraph. All these files are also available on a downloadable Zip file.

If you have not yet got your copy of WRTH 2017, they why not buy one now. Readers in the USA can also buy from **Amazon.com**.

The CD and Download are only available from the WRTH site. Visit our website at www.wrth.com/_shop to find out more and to order a copy.

I hope you enjoy using this new Frequency Guide. **Nicholas Hardyman**, Publisher

Pacific Asian Log Updated

I updated the Pacific Asian Log earlier this month. It's now posted on the Radioheritage website: <http://www.radioheritage.net/>. You'll need to go through a couple of the site's internal links to get to the download page, but you'll be able to either download the PDF version or use the interactive version. If you have problems finding it, let me know. I can also send a copy directly.

Changes since last update (January) include major updates to the Korean and Indonesian sections, as well as many "housekeeping" changes. Corrections and updates from users are always welcome and can be sent to **portzter@comcast.net** or **portzterbt@gmail.com**. I'm planning to issue the next update in about August.

First issued in 2001, The PAL lists medium wave and domestic shortwave broadcasting stations in southern and eastern Asia and the Pacific. It lists about 5000 stations in over 50 countries, with frequencies, call signs, locations, power, networks, schedules, languages, formats, networks and other information.

Bruce Portzter

History of AM Radio DXing Project

I'm trying to do a limited-run podcast series that will focus on the history of AM Radio DXing. For the first episode, I'd love to do a show that highlighted DX Tests, including those from the early days of the hobby and more recent efforts.

If you have recordings of DX Tests, especially those that may have been local to your station or semi-local, I'd love to hear them and possibly include them in the show. Vintage DX Tests especially welcome.

MP3's preferred but we can work with most any format. We can also dub older recordings from cassette or reel-to-reel if that service is needed. Thanks in advance!

Les Rayburn N1LF, 121 Mayfair Park, Maylene AL 35114

August Solar Eclipse Opportunity

For those of you with SDR's, and located along its path (http://www.eclipse2017.org/2017/path_through_the_US.htm) the solar eclipse over North America which is to occur on August 21 will present a most interesting possibility.

I remember DXing during a solar eclipse back in the 1970's, and I experienced stations on the path 'ahead' of me coming in as if it were SS/SR propagation.

Now, with SDR's, it will be possible to record the entire band for the duration of the eclipse, or at least for that portion where effects will be noticeable in any particular area.

Alas, many of us in the Northeast, Southwest and North Central US won't be close enough to the path to experience the full effects.

Russ Edmunds WB2BJH, Blue Bell PA

KHJ Tribute Station

By now some of you have heard about the new planned LPFM station in Albany OR (Also to be found streaming on TuneIn by typing in KHJJ) This is of course to honor the Boss Radio days of KHJ 930 AM in Los Angeles. Thankfully those calls are still with us today. Many of the original personalities will actually be on the air on this station (not to mention many taped segments featuring the late Wolfman Jack as well as the late Real Don Steele). This is pretty interesting news to oldies fans as well as those of us who regularly listened to RKO radio as kids. Take a look at the website: <http://www.khjf.com>

KHJFM online is a result of years of preparation and dedication by all of the Boss Jocks who have helped to make this a reality. Special thanks to Shaunee Steele. 73 **Mike Sanburn**



BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707
E-mail: wienbob@aol.com Phone: 301-477-3733 Column Deadlines: Saturdays

DATE OF COLUMN: June 03 2017, **Column data span:** May 20-June 03 2017, Data courtesy of **Stationintel.com**, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
860	KMVP	Phoenix, AZ	KNAI
980	WFHG	Bristol, VA	WWTB

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
690	KGGF	Coffeyville, KS	old slogan: "The Mighty 690", new: "KGGF News Radio 690 AM"
790	WSVG	Mount Jackson, VA	was talk, now Americana, old slogan: "The Talk Of The Valley", new: "Americana Music Project"
810	WWOS	Walterboro, SC	changes city of license from St George to Walterboro
830	WKTX	Cortland, OH	was variety, now Rejoice Broadcast Network religious teaching
850	WKGE	Johnstown, PA	was silent, now new unknown format
920	WEZZ	Brantley, AL	now here ex-930.
940	WYLD	New Orleans, LA	old slogan: "Amen 940", new: "Hallelujah 940"
950	KFSA	Fort Smith, AR	old slogan: "Today's Country", new: "Hog Country"
	WXGI	Richmond, VA	old slogan: "ESPN Radio 950 AM/Sports FM 100.5", new: "ESPN Richmond"
980	WTOT	Marianna, FL	was silent, now Westwood One Good Time Oldies, adds slogan: "Good Time Oldies"
	WWTB	Bristol, VA	was sports, now urban contemporary, old slogan: "Fox Sports Radio", new: "105.3 The Beat"
990	WNML	Knoxville, TN	old slogan: "The Sports Animal", new: "Sports Radio WNML"
1010	KXPS	Thousand Palms, CA	was Westwood One NBC Sports network, now a variety of unknown networks
	WHIN	Gallatin, TN	was classic country, now adult hits
1160	WAIX	Mechanicville, NY	was business news, now adult alternative, old slogan: "Empire News Network", new: "106.1 The X"
1220	WHKW	Cleveland, OH	adds Salem The Word in Praise network
1230	KLTO	Del Rio, TX	was Spanish hits, now CHR
1240	WTPS	Petersburg, VA	was talk, now ESPN Radio sports network, old slogan: "News Talk and Solid Gold", new: "ESPN Richmond"
1270	WTLY	Tallahassee, FL	was adult contemporary, now urban contemporary, old slogan: "105.3 My FM", new: "105.3 The Beat"
1320	WKRK	Murphy, NC	was Westwood One Classic Country, now Salem Singing News Radio, old slogan: "Country Gold", new: "Christian Radio WKRK"
1340	WJRI	Lenoir, NC	was news/talk, now oldies, old slogan: "News Talk 1340", new: "Just Right Radio"
	WAGN	Menominee, WI	adds slogan: "News Talk 1340"
1350	WEZS	Laconia, NH	old slogan: "WEZS AM 1350", new: "WEZS News Talk 1350"
1440	WHKZ	Warren, OH	adds Salem The Word in Praise network
1490	KXLQ	Indianola, IA	was sports, now regional Mexican, old slogan: "1490 The Jock", new "La Patrona 1490 AM"
1500	WVSM	Rainsville, AL	adds contemporary Christian as secondary format, adds slogan: "Rejoice 103.1"
	WTHB	Augusta, GA	old slogan: "Your Praise And Information Station", new: "Praise 96.9 FM"

Well, we're into the month of June and the summer solstice is approaching. Just got back from a trip to the Pocono Mountains in central Pennsylvania, got sick on the trip and still recovering this weekend 6/3 and 6/4. Not much happening, the IRCA convention will be coming soon to Reno NV, be sure to attend and show your support for the club! DX is slow now as the temperatures heat up, but keep reporting what you hear to this and other respective columns. 73's. **Bob Wien**



CANADIAN RADIO NEWS – Dan Sys
E-mail: sysdan@gmail.com

June 1 2017, for May 2017.

AM TO FM CONVERSIONS GRANTED

1090 ON Marathon CBLM Move to 107.5 from 1090. Will operate with 3,935 watts.

OWNERSHIP CHANGES APPROVED

650 BC Richmond CISL From Newcap to Rogers. Will flip to Sports by the end of summer.

GOING OFF THE AIR

1010 ON Terrace Bay CBEH Will go dark when CBLM 1090 in Marathon moves to 107.5 FM.

PROPOSED OWNERSHIP CHANGES

610 BC Kamloops CHNL From NL Broadcasting to Newcap.
 1230 BC Merritt C.JNL From NL Broadcasting to Newcap.
 1340 BC Ashcroft CINL From NL Broadcasting to Newcap.
 1400 BC Clearwater CHNL-1 From NL Broadcasting to Newcap.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: June 23, July 14, Aug 11, Aug 25, Sept 8, Sept 22, Sept 29, Oct 6, Oct 13, Oct 20 and Oct 27. Please use Eastern Local Time.

REPORTER FOR THIS ISSUE:

(JCJ) **John C Johnson**-2922 S Olivewood, Mesa AZ 85212 **John_Johnson@prodigy.net**
 Icom IC-R75, Wellbrook ALA1530LNP

OF SPECIAL INTEREST

1110 KRDC **CA**, Pasadena EX-KDIS. 6/10 good in KFAB null. 0200 out of country song with "Listen to this! Broadcasting coast to coast and everywhere in between, this is Radio Disney Country KRDC Pasadena, Los Angeles FM 99.1 and AM 1110" legal ID. Station changed format to country music and call letters to KRDC (Radio Disney Country) on 6/9. (JCJ-AZ)

1230 KEXO **CO**, Grand Junction 5/28 mixing with others in KOY null 0059 with promo "KEXO 1230 Colorado's Sports Leader. ESPN Radio 1230 online at 1230espn.com" ID. New for me. (JCJ-AZ)

1260 KSF **CA**, San Francisco 6/7 good, local KBSZ on with carrier only, 0059 with "KSF San Francisco" ID. (JCJ-AZ)

Thanks to John for his WDXR report this time! – Nancy 6/9 1900



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: John_Johnson@prodigy.net **CDXR reports ONLY: cdxr@ircaonline.org**

RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood MO **N0UIHeric@aol.com**
 GE Superadio III, Yaesu FRG-7, Worcester Space Magnet II

DOWN THE DIAL

- 940 WMIX **IL**, Mount Vernon. 5/30 very good signal, way over KPSZ and other stations. 0551 noted with Community Calendar, calls, PSA, weather forecast, "AM Nine-40 WMIX" ID into Adult Standards format. [EB-MO]
- 1180 WGAB **IN**, Newburgh. 6/6 fair to poor signal over WHAM, ACI from KQQZ 1190. 0606 noted with Southern Gospel format and station promos. Must have been on day power. [EB-MO]
- 1230 WIBQ **IN**, Terre Haute. 6/6 fair to poor signal, mixing with WFXN and other stations. 0238 with "Coast-to-Coast AM on WIBQ" ID into C2C. [EB-MO]
- 1250 KBRF **MN**, Fergus Falls. 6/6 fair to poor signal, mixing with KYYS and WSSP. 0155 with *The Jim Bohannon Show*, local spots and legal ID. [EB-MO]
- KCFI **IA**, Cedar Falls. 6/5 fair to poor signal, mixing with KYYS and WSSP. 0511 with "The Real Oldies Channel, KCFI" ID into Oldies format. [EB-MO]
- 1350 WKCU **MS**, Corinth. 6/6 fair to poor signal, mixing with KZTD and WTDR. 0617 noted with weather promo and calls. [EB-MO]
- 1490 KDMO **MO**, Carthage. 6/8 fair to poor signal, mixing with KDRS, KFTK and other stations. 0306 noted with Adult Standards format and "America's best music, Fabulous 14-90 KDMO" ID. [EB-MO]
- 1510 WQQW **IL**, Highland. 6/5 fair signal in WLAC null. 2045 noted with Adult Standards format and "WQQW Highland" legal ID at 2050. Change in format from Classic Country. [EB-MO]
- 1560 WMBH **MO**, Joplin. 6/4 fair to poor signal, mixing with other stations. 0458 noted with ESPN promos, legal ID into *ESPN Sports Center All Night*. Must have been on day power. #20 on 1560, #120 from Missouri. [EB-MO]
- 1580 KFCS **CO**, Colorado Springs. 6/2 fair signal over other stations. 0500 noted with "KFCS 15-80 AM Colorado Springs" legal ID into Southern Gospel music. Must have been on day power. [EB-MO]

FLASHBACK

Jun 18 1966 issue of "DX Monitor" ... **Rick Evans** of Gary IN said his DXing was mostly during meals ... **Tom Jasinski** of Mokena IL was headed to US Navy Boot Camp ... **John Johnson** of Keflavik, Iceland reported some of his DX from there ... **CM "Stan" Stanbury** of ON had 103 countries verified. // June 15 1991 issue of "DX Monitor" ... **Tom Laskowski** of South Bend IN had a short visit with **Rick Dau** ... **Rick Evans** of Milwaukee WI said he signed closing papers on a new house.

OPEN MIKE

Thanks to Eric we have a column. This column was typed 6-09-17. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: n0uiheric@gmail.com **DEADLINES: Thursday 2000 EL**

TUNING THE DIALS THIS ISSUE:

(PS-ON) **Paul Snider**, Welland, ON, Canada
 ICOM IC-R75, Pixel RF Pro-1B loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 1060 WQOM **MA**, Natick – 6/5 2215 noted with a rebroadcast of *EWTN Live*, mentions of EWTN, EWTN-TV, promos, "The Station of the Cross" ID, mention of The Station of the Cross-dot-com at 2258, followed by the *WQOM Community Calendar*, "The Station of the Cross... 1060 WQOM... New England" ID at 2300. According to their Web site, they are having transmitter problems. Bruce Conti in New Hampshire reports their transmitter may be stuck in daytime power and pattern all night. A poor to very poor signal was noted, mostly under KYW. (PS-ON) (I haven't heard this one at my location; I have another cheater from Tennessee giving KYW fits at night – eb)
- 1590 WPWA **PA**, Chester – 5/31 2258 noted with Christian music in Spanish, "Poder" ID at 2259, "This is 1590 WPWA" ID at 2300, followed by another "Poder" mention into another set of Christian music in Spanish. (PS-ON)

EDITOR'S NOTES

Thanks to Paul, we have a column this fortnight. 73 and good DX from N0UIH (The Florissant Valley Dial Twister)



DX WORLDWIDE – WEST – Temp: Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com **all times UTC**

Mondays 1201 PM PLT. All times UTC/GMT. We are looking for a new editor for this column, contact me if interested **phil_tekno@yahoo.com**.

PAN AMERICAN DX ROUNDUP

1520 **MÉXICO** XEEH, San Luís Río Colorado, Son. 6/2 weak but alone on 1520. 1200 with "XEEH" ID out of music. New for me. (JcJ-AZ)

THANKS TO THIS REPORTER

JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
 IC-R75, Wellbrook ALA1530LNP loop



DX WORLDWIDE – EAST – Brandon Jordan – PO Box 338 – Rossville TN 38066
E-mail: bdjorda@gmail.com **all times UTC**

Deadline – Sunday Midnight Central Time.

***** TRANS-ATLANTIC DX *****

1026 **IRAN** IRIB Radio Tabriz, Azarshahr. JUN 10 0045 – Koranic chants. Fair signal into Newfoundland currently and mixing at times with Spain. [Willie-NF]

***** PAN-AMERICAN DX *****

- 550 **COLOMBIA** HJHF, Señal Radio Colombia, Marinilla (Medellin). MAY 31 0100 – Radio Señal de Colombia ID; slightly over jumble. [Connelly*Y-MA]
- 560 **CUBA** Radio Rebelde, Ciego Avila. MAY 31 0059 – //600 et al with 9-note signal at 0059:26; under WGAN. [Connelly*Y-MA]
- 580 **PUERTO RICO** WKAQ, San Juan. MAY 31 0101 – Puerto Rico adverts. [Connelly*Y-MA]
- 650 **COLOMBIA** HJKH, RCN Antena Dos, Bogotá. JUN 3 0059 – Antena Dos ID; over others. [Connelly*Y-MA]
- CUBA** Radio Progreso synchros. MAY 31 0100 – Vocal //640. [Connelly*Y-MA]
- 690 **CUBA** Radio Progreso, Jovellanos. MAY 31 0100 – Vocal //640. [Connelly*Y-MA]
- 700 **COLOMBIA** HJCX, W Radio, Cali. MAY 31 0059 – W Radio and "en Colombia" mention; poor. [Connelly*Y-MA]
- 710 **CUBA** Radio Rebelde synchros. MAY 31 0100 – Talk //670; over WOR. [Connelly*Y-MA]

- 720 **COLOMBIA** HJAN, Emisoras Unidas, Barranquilla. MAY 31 0058 – Marching music; identified as the Colombian anthem by Chuck Hutton on RealDX. [Connelly*Y-MA]
CUBA Radio Progreso, Mabujabo. MAY 31 0100 – Female vocal //640; mixed with UnID Spanish speaker. [Connelly*Y-MA]
 730 **CUBA** Radio Progreso, La Fe. MAY 31 0100 – Female vocal //640. [Connelly*Y-MA]
 740 **CUBA** Radio Angulo, Sagua de Tánamo. MAY 31 0101 – Radio Angulo jingle, man and woman chatter; over WSBR FL. [Connelly*Y-MA]
 750 **VENEZUELA** YVKS, RCR, Caracas. MAY 31 0100 – "RCR siete cincuenta AM" ID; over Cuba, WSB. [Connelly*Y-MA]
 760 **BRAZIL** ZYH588, Radio Uirapuru, Fortaleza. MAY 29 0201 – Man in Portuguese; mixed with HJAJ, WJR. [Connelly*Y-MA]
COLOMBIA HJAJ, RCN, Barranquilla. MAY 31 0100 – RCN jingle, talk by woman; good. [Connelly*Y-MA]
 770 **CUBA** Radio Rebelde, Victoria de las Tunas. MAY 31 0101 – Woman with news, splashes //670; over WABC, HJJX. [Connelly*Y-MA]
 790 **CUBA** Radio Reloj, Pinar del Rio and Holguin. MAY 31 0100 – Reloj news and time; under WPRV. [Connelly*Y-MA]
 800 **BONAIRE** PJB, TransWorld Radio, Kralendijk. MAY 31 0100 – Male preacher "palabra de Dios" program; over jumble. [Connelly*Y-MA]
 810 **COLOMBIA** HJCY, Caracol Radio, Bogotá. MAY 31 0100 – CARACOL Radio ID; over Bahamas preaching. [Connelly*Y-MA]
CUBA Radio Progreso, Guantanamo. JUN 3 0100 – //640 Progreso with Tom Jones vocal; mixed with HJCY, WGY. [Connelly*Y-MA]
 820 **CUBA** Radio Progreso. MAY 31 0100 – //640 with a couple of words by a man at 0059:35, otherwise a female vocal. [Connelly*Y-MA]
 840 **BRAZIL** ZYK687, Radio Bandeirantes, São Paulo. MAY 29 0101 – Portuguese talk; under Haiti. [Connelly*Y-MA]
CUBA CMHW, "W", Santa Clara. MAY 31 0100 – Dobleve ID; dominant over Haiti, Brazil. [Connelly*Y-MA]
HAITI Radio 4VEH (4VEF), Cap-Haïtien. MAY 29 0101 – Haitian Kreyol preacher; over Brazil.
 +JUN 3 0101 – "Dashing Through the Snow" interval signal a minute after top-of-hour, man in French; mixed with Cuba. [Connelly*Y-MA]
 860 **CUBA** Radio Reloj, Jovellanos. JUN 3 0101 – Reloj RR beeps in jumble, tough static. [Connelly*Y-MA]
PANAMA HOL55, Radio Reforma, Chitré. MAY 31 0100 – Man with Radio Reforma ID at 0100:40, folk-style male vocal with accordion. [Connelly*Y-MA]
 870 **CUBA** Radio Reloj synchros. MAY 31 0100 – "Nueve de la noche... transmite Radio Reloj desde la Habana, Cuba"; good over IBOC. [Connelly*Y-MA]
 900 **CUBA** Radio Progreso. JUN 3 0100 – //640 with Tom Jones song, low-pitched male announcer. [Connelly*Y-MA]
 910 **VENEZUELA** YVRQ, Caracas. JUN 3 0059 – Doorbell chimes, Venezuela mention; over Cuba. [Connelly*Y-MA]
 940 **COLOMBIA** HJTL, RCN, Cucuta. MAY 31 0059 – RCN La Radio ID's. [Connelly*Y-MA]
 990 **CUBA** Radio Guama, Pinar del Rio. JUN 3 0100 – Guama xylophone chimes interval signal, Spanish talk noted during brief WNTP fade. [Connelly*Y-MA]
 1170 **COLOMBIA** HJNW, Caracol Radio, Cartagena. MAY 29 0900 – CARACOL Radio ID's; dominant. [Connelly*Y-MA]
 1380 **ECUADOR** HCWV7, Macas. MAY 29 0240 – man in Spanish talk and commentary giving (possible phone) numbers ?, promo mentioning Rancho Fatima (web search reveals it's a tourist attraction near Macas), Andean type musical selections, numerous repeated mentions of Ecuador. Heard on signal peaks and mixing off and on with a couple of stations including CKPC Brantford, Ontario. [Willie-NF]

CONTRIBUTORS

[Connelly*Y-MA] **Mark Connelly**, WA1ION, South Yarmouth, Cape Cod MA, USA (GC= 41.6931 N/70.1912 W) (grid FN41vq)

Receiver: Microtelecom Perseus

Antenna 1: Cardioid-pattern SuperLoop: 10m vert by 11m horiz (peak 165 deg, null 345 deg)

Antenna 2: Cardioid-pattern SuperLoop: 6m vert by 12.6m horiz (peak 75 deg, null 255 deg)

[Willie-NF]

Allen Willie, VOPC1AA, Carbonear, Newfoundland, Canada

ICOM R-75 w/183m random wire to SE @ 135°, Sony SRF-M37W Ultralight barefoot

73, Brandon



TROPICAL BAND DX (1710-5100 kHz) – Brandon Jordan – PO Box 338 – Rossville TN 38066
 E-mail: bdjorda@gmail.com all times UTC

Deadline – Sunday Midnight Central Time

- 3925 **JAPAN** Radio Nikkei 1, Chiba-Nagara. MAY 31 1230 – Program with chamber music. Good. [Barton-AZ]
 +JUN 9 1030 – Jazz program with small combos. (Not big band, but not modern "elevator music" jazz either). [Barton-AZ]
 3945 **JAPAN** Radio Nikkei 2, Chiba-Nagara. MAY 31 1120 – Male presenter in Japanese with pop vocal music. Good. [Barton-AZ]
 +JUN 9 1230 – Pop vocals, Japanese cover of "Halfway Gone" (originally by Lifehouse). Good. [Barton-AZ]

CONTRIBUTOR

[Barton-AZ]

Rick Barton, Peoria AZ

SW-2000629/ATS-505 with 20' wire

73, Brandon



SPORTCHANNELS IRCA – Compiled by: Eric Bueneman (NØUIH)
 E-mail: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Baseball season is under way, and we're now featuring Major League Baseball network lists. This issue, we'll be featuring network lists from the National League West and American League West. Flagship stations are in **boldface** type, Spanish language flagships are in **boldface italics**, Spanish language affiliates are in *Italics*.

NATIONAL LEAGUE – WESTERN DIVISION

ARIZONA DIAMONDBACKS (English) Greg Schulte, Tom Candiotti, Mike Ferrin, (Spanish) Oscar Soria, Rodrigo Lopez, Richard Saenz, Arturo Ochoa, Web: dbacks.com

AM	1230 KINO Winslow, AZ	94.3 K232EI Lake Havasu City, AZ (1)	103.3 KZKE Seligman, AZ
600 KVNA Flagstaff, AZ	1340 KIKO Miami, AZ	94.3 KDDL Chino Valley, AZ	103.7 KNMZ Alamogordo, NM
620 KTAR Phoenix, AZ	1400 KCYK Yuma, AZ	95.1 K236BH Kingman, AZ (2)	<i>104.7 XHCNE Cananea, SO</i>
780 KAZM Sedona, AZ	1400 KRVZ Springerville, AZ	98.7 KMVP-FM Phoenix, AZ	105.1 KHOF-FM Wickenburg, AZ
980 KNTR Lake Havasu City, AZ	1490 KFFN Tucson, AZ	99.9 K260BL Prescott, AZ (3)	106.7 KNKI Pinetop, AZ
1130 KQNA Prescott Valley, AZ	FM	100.5 K263BM Riviera, AZ (1)	
<i>1130 XEHN Nogales, SO</i>	92.1 KZUA Holbrook, AZ	<i>101.1 XHVSS Hermosillo, SO</i>	
1230 KATO Safford, AZ		<i>102.5 XHIQ Ciudad Obregon, SO</i>	

Relays: 1) KNTR 980, 2) KZKE 103.3, 3) KQNA 1130

COLORADO ROCKIES (English) Jack Corrigan, Jerry Schemmel, (Spanish) Javier Olivas, Salvador Hernandez, Carlos Valdez, Web: rockies.com

AM	1240 KEAU Elko, NV	1450 KLMX Clayton, NM	97.5 KLMX-FM Clayton, NM
610 KCSR Chadron, NE	1240 KFBC Cheyenne, WY	1450 KBFS Belle Fourche, SD	101.7 KSKE Eagle, CO
730 KLOE Goodland, KS	1260 KPOW Powell, WY	1450 KVOW Riverton, WY	101.9 K270AL Granby, CO (2)
850 KOA Denver, CO	1290 KOWB Laramie, WY	1470 KKTY Douglas, WY	102.3 KSPK Walsenberg, CO
930 KIUP Durango, CO	1320 KFNZ Salt Lake City, UT	FM	103.1 KYDT Pine Haven, WY
930 KRKY Granby, CO	1340 KTTM Grand Junction, CO	87.7 KSHW-LP Sheridan, WY	106.1 KNFO Basalt, CO
1010 KSIR Brush, CO	1350 KCCY Pueblo, CO	95.5 K238AB Steamboat Springs, CO	107.3 KQZR Hayden, CO
1150 KNRV Westminster, CO	1440 KRDZ Wray, CO	(1)	

Relays: 1) KQZR 107.3, 2) KRKY 930

LOS ANGELES DODGERS (English) Charley Steiner, Rick Monday, Kevin Kennedy, (Spanish) Jaime Jarrin, Jorge Jarrin, Fernando Valenzuela, Pepe Yniguez, Manny Mota, no Korean language play-by-play personnel information available, Web: dodgers.com

AM 570 KLAC Los Angeles, CA 610 KAVL Lancaster, CA 910 KOXR Oxnard, CA 970 KHTY Bakersfield, CA 990 KIKI Honolulu, Oahu, HI 1000 KTOK Oklahoma City, OK 1020 KTNQ Los Angeles, CA 1220 KHTS Canyon Country, CA	1230 KBOV Bishop, CA 1230 KYVA Gallup, NM 1250 KZER Santa Barbara, CA 1280 KXTK Arroyo Grande, CA 1300 KROP Brawley, CA 1340 KCBL Fresno, CA 1340 WSTA Charlotte Amalie, St. Thomas, USVI 1400 KSHP North Las Vegas, NV	1410 KCAL Redlands, CA 1440 KFNK Riverside, CA 1450 KVEN Ventura, CA 1450 KRZY Albuquerque, NM 1470 KUTY Palmdale, CA 1480 KSBQ Santa Maria, CA 1540 KMPC Los Angeles, CA* 1600 KGST Fresno, CA	FM 92.5 KMZR Atwater, CA** 94.3 KGRB Jackson, CA 94.9 KXTT Maricopa, CA 96.3 KSSB Calipatria, CA 101.7 KQTM Rio Rancho, NM 103.9 KHTI Lake Arrowhead, CA 104.5 KBTW Lenwood, CA
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Notes: * denotes station broadcasts games in Korean, ** denotes Dodgers' list has calls as KBRE-FM

SAN DIEGO PADRES (English) Ted Leitner, Don Orsillo, Jesse Agler, (Spanish) Eduardo Ortega, Carlos Hernandez, Web: padres.com
860 XEMO Tijuana, BCN (Spanish) **94.9 KBZT San Diego, CA** (English)

SAN FRANCISCO GIANTS (English) Jon Miller, Duane Kuiper, Dave Flemming, (Spanish) Erwin Higueros, Tito Fuentes, Web: sfgiants.com
680 KNBR San Francisco, CA (English) **93.7 KXZM Felton, CA** (Spanish)

AMERICAN LEAGUE – WESTERN DIVISION

HOUSTON ASTROS (English) Robert Ford, Steve Sparks, (Spanish) Francisco Romero, Alex Trevino, Web: astros.com

AM 760 KTKR San Antonio, TX 790 KBME Houston, TX 910 WUBR Baton Rouge, LA 910 KNAF Fredericksburg, TX 1010 KBBW Waco, TX 1220 KMVL Madisonville, TX 1220 KM2XVL Huntsville, TX (1) 1230 KSIX Corpus Christi, TX	1260 KSML Diboll, TX 1280 KWHI Brenham, TX 1300 KSYB Shreveport, LA 1300 KVET Austin, TX 1310 KEZM Sulphur, LA 1340 KKAM Lubbock, TX 1340 KVVN Victoria, TX 1400 KBYG Big Spring, TX 1440 KETX Livingston, TX	1450 KIKR Beaumont, TX 1450 KMHT Marshall, TX 1460 KTKC Springhill, LA 1470 KWRD Henderson, TX 1590 KGAS Carthage, TX	FM 92.7 KASR Villonia, AR 94.1 KQXY Beaumont, TX	98.1 KTLT Anson, TX 98.3 KULM-FM Columbus, TX 98.9 K255AR Trinity, TX (1) 101.3 K267CA Temple, TX (2) 103.9 KMHT-FM Marshall, TX 105.7 K289BU Waco, TX (2) 106.3 K292FE Big Spring, TX (3)
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Relays: 1) KMVL 1220, 2) KBBW 1010, 3) KBYG 1400

LOS ANGELES ANGELS OF ANAHEIM (English) Terry Smith, Mark Langston, (Spanish) Amaury Pi-Gonzalez, Jose Tolentino, Web: angels.com
710 KSPN Los Angeles, CA 910 KRAK Hesperia, CA **1330 KWKW Los Angeles, CA**
830 KLA Orange, CA 1220 KTMZ Pomona, CA 1490 KMET Banning, CA

OAKLAND ATHLETICS (English) Ken Korach, Vince Controneo, Ray Fosse, (Spanish) Amaury Pi-Gonzalez, Manolo Hernandez-Douen, Web: athletics.com

AM 760 KGU Honolulu, Oahu, HI 790 KEJY Eureka, CA* 790 KFPT Clovis, CA 950 KAHJ Auburn, CA 970 KESP Modesto, CA	990 KATD Pittsburg, CA* 1010 KIQI San Francisco, CA* 1140 KHTK Sacramento, CA 1240 KPOD Crescent City, CA 1270 KXBX Lakeport, CA 1340 KATA Eureka, CA	1410 KMYC Marysville, CA** 1440 KVON Napa, CA 1490 KBLF Red Bluff, CA 1490 KRKC King City, CA 1670 KNRO Redding, CA***	FM 92.7 K224ER Eureka, CA (1) 95.7 KGMZ San Francisco, CA 103.9 K280GP Bridgeport, CA (2) 104.9 K285FW King City, CA (3)
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Notes: * denotes night and weekend games only, ** denotes weekend games only, *** denotes the Athletics' list has frequency as 1400

Relays: (1) KATA 1340, 2) KNRO 1670, 3) KRKC 1490

SEATTLE MARINERS Rick Rizzs, Aaron Goldsmith, Web: mariners.com

AM 550 KKTZ Anchorage, AK 690 KRCO Prineville, OR 710 KIRO Seattle, WA 750 KXTG Portland, OR 800 KINY Juneau, AK 840 KMAX Colfax, WA 900 KKRT Wenatchee, WA	920 KXLY Spokane, WA 930 KTKN Ketchikan, AK 1020 KWIQ Moses Lake North, WA 1030 KMAS Shelton, WA 1040 CKST Vancouver, BC 1170 KPUG Bellingham, WA 1230 KIFW Sitka, AK 1240 KEJO Corvallis, OR	1240 KTIX Pendleton, OR 1240 KXLE Ellensburg, WA 1300 KLER Orofino, ID 1320 KGDC Walla Walla, WA 1340 KJOX Kennewick, WA 1350 KRLC Lewiston, ID 1390 KBBO Yakima, WA 1430 KBRC Mount Vernon, WA	1450 KONP Port Angeles, WA 1490 KFKB Forks, WA 1490 KLOG Longview, WA	FM 92.1 KCRK-FM Colville, WA 102.9 K275CH Gresham, OR (1) 104.5 K283BX Wapato, WA (2)
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Relays: 1) KXTG 750, 2) KBBO 1390

TEXAS RANGERS (English) Eric Nadel, Matt Hicks, (Spanish) Eleno Ornelas, Jose Guzman, Web: texasrangers.com

AM 670 KHGZ Glenwood, AR 690 KPET Lamesa, TX 710 KGNC Amarillo, TX 900 KCLW Hamilton, TX 900 KPYN Atlanta, TX 930 WKY Oklahoma City, OK 960 KGKL San Angelo, TX 1080 KRLD Dallas, TX* 1150 KZNE College Station, TX 1230 KSEY Seymour, TX 1230 KSST Sulphur Springs, TX 1240 KVLV Alpine, TX** 1250 KZDC San Antonio, TX 1260 KBHC Nashville, AR 1260 KLGO Elgin, TX 1270 KFLC Benbrook, TX 1290 KUOA Siloam Springs, AR 1290 KIVY Crockett, TX 1300 KSYB Shreveport, LA 1320 KNCB Vivian, LA 1330 KTON Temple, TX	1350 KCAR Clarksville, TX 1380 KBWD Brownwood, TX 1380 KHEY El Paso, TX 1390 KDQN DeQueen, AR 1400 KKTK Texarkana, TX 1400 KREW Plainview, TX 1410 KNTX Bowie, TX 1440 KEYS Corpus Christi, TX 1450 KSNY Snyder, TX 1470 KGND Vinita, OK 1470 KDHN Dimmitt, TX 1480 KBST Big Spring, TX 1490 KRUI Ruidoso, NM 1490 KBIX Muskogee, OK 1490 KKBI Broken Bow, OK 1490 KNEL Brady, TX 1490 KPLT Paris, TX 1490 KYZS Tyler, TX 1500 KJIM Sherman, TX 1510 KSTV Stephenville, TX 1550 KYAL Sapulpa, OK 1550 KNSH Canyon, TX	1560 KEBC Del City, OK 1560 KZQQ Abilene, TX 1580 KGAF Gainesville, TX 1590 KLRK Mexia, TX 1660 KRZI Waco, TX	FM 92.1 KRWR Tyler, TX 92.7 KASR Villonia, AR 92.7 KBEU Bearden, AR 92.7 KJVC Mansfield, LA 92.7 KALP Alpine, TX*** 93.9 K230BS Stephenville, TX (1) 94.3 KSEY-FM Seymour, TX 94.5 K233DB San Antonio, TX (2) 95.5 K238BF Atlanta, TX (3) 95.5 KXPN-FM Scotland, TX 96.3 K242BC Paris, TX (4) 97.1 KYAL-FM Muskogee, OK 97.3 KTTU-FM New Deal, TX 98.5 KJJT Los Ybanez, TX# 98.9 K255BH Glenwood, AR (5)	99.1 K256BW Waco, TX (6) 99.1 KFZO Denton, TX* 99.5 KHKS Goshen, AR 100.5 KBLY Newcastle, TX 100.7 KPXI Overton, TX 100.9 K265DV Temple, TX (7) 101.3 K267AI Moody, TX (8) 101.3 K267CB Sherman, TX (9) 102.7 K274CM College Station, TX (10) 102.9 K275AS Trinity, TX (11) 103.1 KHHL Karnes City, TX 103.9 KMHT-FM Marshall, TX 104.3 KGAS-FM Carthage, TX 104.5 KBEF Gibsland, LA 105.1 KWMW Maljamar, NM 105.3 KRLD-FM Dallas, TX 105.5 KNAS Nashville, AR 106.9 KYXK Gurdon, AR 107.7 KRXO-FM Oklahoma City, OK
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Notes: * denotes airing games in case of conflict with other events on the primary flagship station, ** denotes airing weekend games only, *** denotes airing

weekday games only, # denotes Rangers' list has calls as KBXJ

Relays: 1) KSTV 1510, 2) KZDC 1250, 3) KPYN 900, 4) KPLT 1490, 5) KHGZ 670, 6) KRZI 1660, 7) KTON 1330, 8) KLRK 1590, 9) KJIM 1500, 10) KZNE 1150, 11) KIVY 1290

That will put the wraps on another edition of SportChannels! In the next edition, the Major League Baseball station lists will wrap up with the National League East and American League East. 73 and play hard!



GEOMAGNETIC INDICES – Compiled by: Phil Bytheway

E-mail: phil_tekno@yahoo.com

Geomagnetic Summary May 1 2017 through May 31 2017

Tabulated from email status daily (K @ 0000 UTC).

Date	Flux	A	K	Space Wx										
5/ 1	75	5	3	no storms	5/12	69	7	1	no storms	5/23	76	8	2	no storms
2	77	4	2	no storms	13	70	4	1	no storms	24	78	4	1	no storms
3	75	4	0	no storms	14	71	10	3	no storms	25	76	4	2	no storms
4	75	4	0	no storms	15	71	14	3	no storms	26	80	3	1	no storms
5	74	6	1	no storms	16	72	8	2	no storms	27	82	14	6	moderate, G2
6	74	4	1	no storms	17	71	8	2	no storms	28	79	51	1	strong, G3
7	72	8	2	no storms	18	72	11	2	no storms	29	76	10	1	no storms
8	71	6	1	no storms	19	72	11	3	no storms	30	74	7	1	no storms
9	69	6	2	no storms	20	72	24	3	no storms	5/31	74	4	2	no storms
10	69	6	3	no storms	21	74	9	2	no storms					
5/11	69	6	2	no storms	5/22	74	10	3	no storms					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level

Loop Antenna Design and Theory (LAM)

Revised and updated in 1996, this manual is a compilation of numerous articles on the subject of design and theory of the loop antenna that have appeared through the years in **DX News**. This book gives detailed information on the theory of operation, construction and maintenance of a loop antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" bound book format.

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- Loop Distortion Why get Skewed?
- High Dynamic Range Balun Loop
- The Hot Rod- Ferrite Loop Antenna
- High Precision Direction Finding
- What's Wrong With Present Day Loop Antennas?
- Roll Your Own! (Loop)
- Long Wave Converter Detail
- Pattern Controlled Loops
- BFE-C Loop Amplifier Card
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- Tips on Loop Construction
- Balanced and Unbalanced Loops
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- The Hawk Loop
- Balanced FET Amplifier
- NRC Two Foot Loop
- One Transistor Loop amplifier
- Direct Coupled Loops
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