



DX MONITOR

The official publication of the
International Radio Club of America

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Welcome to: **Bill Owens** in Cicero NY. **Seattle** deadline for our next issue (V56_N30) is **Monday 04/29/19** 1600 – pb
2019 IRCA/DecalcoMania Convention

The 2019 IRCA Convention will be held on September 5, 6 and 7 at the Courtyard by Marriott Seattle Southcenter, 400 Andover Park West, Tukwila WA 98188. Registration is Free*. Banquet (TBA) will be paid for individually by attendees. Guest room rate is \$109 plus tax. Guests are encouraged to share a room and save. Phone number(s) for room reservations are 800-321-2211 or 206-575-2500. You must mention International Radio Club of America Convention to get this rate. Hotel is 2 miles east of Sea-Tac Airport. There is also an Amtrak station in Tukwila just Northeast of the hotel. Parking at hotel is free. There are many restaurants and stores nearby and inside the hotel. Other amenities include business center, pool, free Wifi, etc.... Visitor's bureau is online at visitseattle.org. Your host for this event is Mike Sanburn: mikesanburn@hotmail.com

* Non IRCA members will need to pay a convention registration fee of \$25. Folks can join IRCA for \$5 (\$0 for renewals).

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Here is the reservation link your guests can use to make online reservations: https://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=International%20Radio%20Club%20of%20%20America%5Eeasc%60IRCIRCA%60109%60USD%60false%603%609/5/19%609/8/19%608/15/19&app=resvlink&stop_mobi=yes. If you have questions or need help with the link, please do not hesitate to ask. We appreciate your business and look forward to a successful event. Individuals may also call toll free, 1-800-359-8233, refer to group code "IRC".

From **Mark Durenberger**: IRCA Seattle is becoming a "must-attend" if you're interested in the latest DX practices and technologies including hot-rodged portables and FSL antennas; Ultralights and air-port friendly "super-signal-seekers." An expanded session will drill down into solid phasing methodologies. We'll learn of tools for prediction of "Over-the-Pole" reception and we'll discover how they do DX in Japan. We'll share in the success of the Rockworks adventurers and evaluate loops-on-the-ground as simple stealth antennas. And we're planning group discussions as well. Please plan to join us... for learning and sharing!



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

DATE OF COLUMN: April 06 2019 Column data span: March 23-April 06 2019, Data courtesy of **Stationintel.com**, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
1240	WAVN	Southaven, MS	WMSO
1420	KOTK	Omaha, NE	KOBM
1430	WVAM	Altoona, PA	WTNA
1490	KOBM	Omaha, NE	KIBM

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
970	WRHA	Spring City, TN	was oldies, now country, old slogan: "Cruisin' Oldies 970", new: "River Country 101.1"
1170	KCBQ	San Diego, CA	old slogan: "AM 1170 The Answer", new: "The Answer San Diego FM 96.1 and AM 1170"
1210	KPRZ	San Marcos, CA	old slogan: "K-Praise AM 1210", new: "K-Praise FM 106.1 and AM 1210"
1220	KLBB	Stillwater, MN	was silent, back on with new unknown format
1240	WLSC	Loris, SC	old slogan: "Tiger Radio 1240", new: "WLSC Tiger Radio"
1260	KKOO	Weiser, ID	was unknown format, now oldies, adds slogan: "Kool FM"
1370	WLLN	Lillington, NC	old slogan: "La Grande 1370", new: "La Grande 1000"
1380	KBXN	Ontario, OR	was oldies, now new unknown format
1390	WKIC	Hazard, KY	was classic rock, now CHR
1410	WIHM	Taylorville, IL	was silent, now Eternal Word TV Network religious teaching
1420	KOBM	Omaha, NE	was talk, now oldies, old slogan: "News Talk KOTK", new: "Boomer Radio"
1430	WEIR	Weirton, WV	was sports, now CBS Sports Radio, talk, old slogan: "Sports Radio 1430", new: "River Talk 1430"
1440	WMKM	Inkster, MI	adds slogan: "WMKM 1440 AM"
1460	WPON	Walled Lake, WI	was silent, back on with new unknown format
1490	WKYW	Frankfort, KY	old slogan: "Passport Radio 1490", new: "Passport Radio 93.5-103.7"
	KZEZ	Santa Clara, UT	changes from unknown frequency to 1490 kHz
1510	WLGN	Logan, OH	old slogan: "103.3 FM and 1510 AM Classic Oldies", new: "103.3 LGN FM"
1520	WRSJ	San Juan, PR	was silent, now Spanish news-talk, adds slogan: "Salud 1520"
1530	WLLQ	Chapel Hill, NC	old slogan: "La Grande 1530", new: "La Grande 1000"
	WZTE	Union City, PA	changes city of license from North East to Union City
1540	WNWR	Philadelphia, PA	now silent
1620	WDHP	Frederiksted, VI	was silent, now talk, adds slogan: "1620 The Reef"
1630	WRDW	Augusta, GA	now silent
1490	WKYW	Frankfort, KY	old slogan: "Passport Radio 1490", new: "Passport Radio 93.5-103.7"

NOTE: stationintel.com's website is back up and running as of 3/26/19. It is missing data between 3/15 and 3/25/19. When/If they provide the missing data, I will provide an update to the column for that missing data. In the interim, data will be current in this column as of Tuesday 3/26/19. Thank you. Ye editor.

MEMBER CONTRIBUTIONS

Mike Sanburn of Bellflower CA passes along the following from **Todd Skaine** via the IRCA IO Group re KLBB-1220 dated 3/27/19:

After hearing that KLBB may be back on the air in Stillwater MN, I took a trip there and they are indeed on the air with a STA //162.55 KEC65 Twin Cities NWS. They are using 60 watts with a 70' longwire on top of their roof where their studios are. Also posted is a pic of what's left of their original transmitter. It has a general range of 10-15 miles. Not audible outside of that range. Rumors are flying everywhere as to what will happen next. I've heard possible diplexing on 740 WDG's tower in Hudson WI. Also there is an app in for a translator on 107.5 which would be located in top of their building and that will not get out well at all with major hills in every direction except NE and SE.

Dennis Gibson of Salinas CA sends along the following from San Jose Inside re KLIV-1590 dated 3/28/19:

<http://www.sanjoseinside.com/2019/03/28/longtime-station-owner-wants-to-give-kliv-to-city-of-san-jose/>

Longtime Station Owner Wants to Give KLIV to City of San Jose – By Mike Huguenor – March 28 2019

After a half-century at the helm, 97-year-old Bob Kieve wants to hand over the AM radio station to the community.

This past January, after more than 70 years on San Jose's airwaves, radio station KLIV (AM 1590) shut down operations. Independent to the very end, the station had never been owned by a major radio conglomerates like ClearChannel or iHeartRadio. Soon, it may be owned by a different kind of entity entirely.

On Friday, KLIV's 97-year-old station owner Bob Kieve sat down with members of San Jose City Council to discuss a novel plan. After owning the station for more than half a century, Kieve wants to donate KLIV to the city.

"I was thinking about it around 4 in the morning, and I thought, 'I'd really like to see something good done with this station,'" he says over the phone from the office at his other station, KRTY. "From time to time in the past I had thought about giving it to the city," he says. "I would hope they would make good use of it, to inform the citizens about all the things city administration is doing."

Talks between Kieve and the city have been underway for two months now. With each new discussion, Kieve remains optimistic that his vision will be realized.

"The meeting was very positive. I was delighted with it," he said earlier this week.

If all goes according to plan, the format would be a mix of music and direct communication from the city to the people.

"The city or the university will be able to break in at any time – either on a regular schedule or as the occasion calls for it," Kieve explains. "Say, some announcement that the mayor feels is important for the residents to hear – he'll be able to break in any time."

While city spokeswoman Rosario Neaves characterized his proposal as "a very generous offer," the communications office was reluctant to go much further, stressing that any potential deal remains in a stage of early negotiations.

The idea of a city-run AM radio station may seem a little anachronistic in the age of Spotify, Pandora, Audible and Earwolf, but San Jose and radio have a very deep, often overlooked connection. In fact, history seems to indicate that the first words ever broadcast over the airwaves were: "This is San Jose calling."

In 1909, local inventor Dr Charles D Herrold strung an antenna out the window of his office on the corner of First and San Fernando streets, and connected it with a nearby building. The dean of Herrold College of Engineering and Wireless, Herrold was one of the earliest advocates of broadcast technology. On his first transmission, his audience was a bewildered assortment of Morse code operators and children with crystal sets, all of whom were shocked to hear a human voice suddenly emerging from their devices.

It was still three years before Congress passed the Radio Act, which officially recognized the existence of radio stations, assigning them call names and requiring a federal license. Before Herrold's station even had a name, it had an audience, scheduled programming, and even a DJ (16-year-old Raymond Newby).

Working with a 15-watt transmitter, the fledgling station had a radius of roughly 15 to 20 miles. Most of the equipment was made by Herrold himself. In a newspaper article from the 1970s, Newby described the initial setup as "six arc lights attached to a helix coil." A professional sound technician reached for comment described this Xolotl-esque contraption to me as "some Tesla-ass shit."

Because there were no amplifiers at the time, the station's microphone was plugged directly into its antenna, causing it to overheat quickly. To solve this, Herrold invented a water-cooled microphone with an attached water tank. Even this proto-steampunk invention only worked for half an hour at a time.

Most of the history surrounding Dr Herrold's station was uncovered by SJSU journalism professor Gordon Greb, who in the 1950s saw Herrold's water-cooled microphone in a museum. When he found out it was used on a radio station in San Jose in 1909, he began researching the story. Fourteen years later, Greb presented his findings at the annual conference of the National Association of Broadcasters. That year, the organization officially recognized San Jose as "Birthplace of Radio."

Eventually, Herrold's station got the name KQW, which it held until 1949, when it moved from its original downtown location to a transmitter in Alviso. At that time, it switched its call letters out for the name KCBS. Just two years later the station moved to San Francisco, where it still operates today – the direct descendant of the Herrold's creation.

KLIV itself is something of a San Jose institution, its roots tracing back to 1946. In its earliest days, KLIV was a daytime-only station, going silent at night.

Since 1967, the station has been owned by Kieve, who has steered it through format changes including disco, Top 40, talk and hot country. During its 25-year run as a news and talk station, KLIV featured news and local sports often alongside iconoclastic commentary, city politics and history. Three alums of this period went on to be inducted into the Bay Area Radio Hall of Fame.

If Kieve's new plan were to come to fruition, it would be one of many surprising turns in his career. During WWII at the tender age of 21, Kieve moved to Spain as an agent in the short-lived Office of War Information. There, he wrote pieces for TV and radio that fused narrative with state narrative – features "with a propaganda slant that Washington had prescribed," as he told San Jose Magazine in 2002. Along the way, Kieve broke into radio for real and ended up having a huge impact on the medium throughout Spain.

To this day he is considered the country's "Father of Top 40 Radio." El Arte Radiofonico, his Spanish-language book on the art of broadcasting, was the first of its kind in Spain, and was regularly used as a textbook by the University of Madrid for more than 20 years. He went on to become a scriptwriter for Eisenhower and an influential broadcaster, all before becoming KLIV's longest-running owner.

As for his plans for his station and the city, so far it's all just talk. Ever the optimist, Kieve remains hopeful. "Let me put it another way," he says, before getting back to work. "There doesn't seem to be anything to hold it back at the moment."

Mike Sanburn sends along the following from Nick Hall Patch of Victoria BC Canada via the IRCA IO Group (via Medium Wave Circle) dated 3/29/19:

The Japan Times – March 28 2019

Japanese commercial broadcasters on Wednesday proposed a revision to the broadcast law that would allow them to ditch AM radio broadcasting due to issues over cost amid a decline in listenership. The Japan Commercial Broadcasters Association asked the communications ministry to implement a system revision by 2028 in order to allow radio broadcasters to focus on FM broadcasting. Under the law, broadcasters are obliged to broadcast on both AM and FM. The request, made at a meeting of a panel of experts at the ministry, reflects the heavy burden placed on broadcasters stemming from updates to facilities and other forms of investment at a time when radio station advertising revenues are diminishing as the number of listeners falls. Full article here:

<https://www.japantimes.co.jp/news/2019/03/28/national/japanese-broadcasters-call-end-mandatory-radio-due-cost-lack-listeners/>

Jon Pearkins (via Email on 4/14) Several last minute Broadcasting Information items came across my desk in the last few days:

- 670 WSCR IL, Chicago. Went off air 4/14 0205 for scheduled outage preparing to share transmitter site with WBBM-780.
- 780 WBBM IL, Chicago. Went off air 4/14 0205 for scheduled outage preparing to move to WSCR-670 transmitter site.
- 1090 XEPRS BCN, Rosarito. Dropped Sports Talk "The Mighty 1090 AM" 4/10 about 1430, switching to a simulcast of bilingual Spanish-English current hits KJAV-FM Alamo TX, and was soon mentioning both stations. Sports Talk came from the same programming company that lost XEPE-1700 in December. XEPE and XEPRS are owned by separate Mexican companies, and both cite late payments as the cause of the change.
- 1140 CP WA, Aberdeen. Construction Permit granted for 5KW non-directional days and 2.5KW directional West at night.

Took a grand tour of a good chunk of the Baltimore area AM transmitters (including 2 local and semi-local ones) with Bill Harms of Elkridge MD on Saturday 4/6, got lots of photos which I'm going to put on Flickr!, if anyone would like the link, let me know, I plan to put them up this weekend. Went to a local ham radio luncheon on Friday 4/5 (took day off from work), so this w/e was definitely radio-oriented. Everything is in full bloom out here now, trees filled with white blossoms and pink blossoms everywhere, plus dark red maple trees blooming, makes for vivid color everywhere, and temps in the 60s/70's so spring definitely here. Following a possible job opening in the Boulder CO area, one in Manassas VA and one locally here, so may switch jobs again soon as my current job has some funding issues. Will keep you abreast, in meantime, keep DXing and send those tips to your respective columns. 73's. **Bob Wien**



CANADIAN RADIO NEWS – Dan Sys
Email: sysdan@gmail.com

For March 2019, April 1 2019:

CALL LETTER DATA

1220 ON St Catharines new Will become CFAJ.

EXTENSIONS TO CP's GRANTED

1220 ON St Catharines new Radio Dhun has until April 20, 2020 to get this new 10,000 watt commercial Classic Hits station on the air.

PROPOSED AM TO FM CONVERSIONS

1210 NT Aklavik CBAK Move to 97.7 with 50 watts.

1340 ON Schreiber CBLB Move to 90.9 with 130 watts.

PROPOSED TECHNICAL CHANGES

1270 NS Sydney CJCJ Decrease night power from 10,000 to 1,350 watts. Day power will remain 10,000 watts.

(via **Jon Pearkins** Email 4/14)

1350 PQ Gatineau CHFO Is now off the air, with no plans to return to the air or sell the station.



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

WDXR DEADLINES: April 26, May 10, May 24, June 7, June 21, July 9 (Tuesday) and August 9. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-944 W. Newport Dr-Sun City AZ 85351 **desertmoon_dxshack@inbox.com**
Panasonic RF-2200. Grundig Satellit 205/variation T.5000. Hammarlund HQ-180A stock loops and Terk Advantage loop (HQ180A)
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 **John_Johnson@prodigy.net**
SDRplay RSPduo, Wellbrook ALA1530LNP
- (JP) **Jon Pearkins**-Edmonton AB **jon@pearkins.com**
Sangean PR-D15 on batteries with internal 200 mm ferrite bar
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 **mikesanburn@hotmail.com**
Sangean DT 160

- *****
- 580 ?KMJ? **CA**, Fresno 4/6 0725 generic "ESPN Radio" ad not mentioning any specific station, seemingly for another station in the same market. Lost in a fade shortly after the ad and KIDO faded in, but Boise does not appear to currently have an ESPN radio affiliate. Fresno has KFIG running ESPN and the antenna direction is right for KMJ which, despite protecting my former local CKUA, still sends 6kw in my direction, yet not heard previously. (JP-AB)
 - KIDO **ID**, Boise 4/11 0029-0033 almost all alone running conservative talk with two minutes of local ads beginning at 0030 with mention of 580 and 107.5 FM translator, and ending at 0032 with "KIDO Talk Radio" ID. Night pattern's deepest null protects former local CKUA but still equates to about 750 watts. (JP-AB)
 - WIBW **KS**, Wichita 4/1 0034-0040 clear and mostly all alone though difficult to tell in Coast to Coast segments as two regulars also run C2C. Heavy use of call letters during local breaks including 0038:30 as last thing spoken before resuming C2C. First Kansas heard here and just in time as new local ethnic station sharing CBX towers is due to start testing anytime now. (JP-AB)
 - 600 ?KOGO? **CA**, San Diego 3/29 0131-0137 running Coast to Coast with signal only heard from SSW under strong CJWW. (JP-AB)
 - KGEZ **MT**, Kalispell 4/6 0032-0039 all alone and clear, initially with no sign of CJWW, out of Chuck Berry song into "20-20 News" then promo for owner John Hendricks and DJ Robin Mitchell. KGEZ's current 250 watt non-directional STA likely sends more power my way than their 1kw night pattern did. (JP-AB)
 - 610 KEAR **CA**, San Francisco 3/30 mixing with KAVL, no sign of KVNU. 0900 with "This is non-commercial, educational, listener supported family radio. Hear The Word in San Jose. Family Radio KEAR San Francisco" legal ID and a promo for their being 60 years on the air. First time heard. (JCJ-AZ)
 - 670 KLTT **CO**, Commerce City 4/3 0927 break from religious lecture to "Here on 6-70 KLTT," burying a co-channel station I am trying to ID. (RB-AZ)
 - KMZQ **NV**, Las Vegas 4/3 0931 break from talk show to ID and a sports update. I was thrown by a new, or at least different, host than usual making me think this was a new catch. It should be noted in case this is a lineup change with woman morning host. (RB-AZ)
 - 920 KSWA **NM**, Albuquerque 4/3 logged when KVLE was on with dead air before network news started. Weak, but readable. 2200 with "920 KSWA Albuquerque and 104.3 K282CD Los Lunas" legal ID. New for me. (JCJ-AZ)
 - 1090 XEPRS **BCN**, Rosarito 4/10 XEPRS changed from "The Mighty 1090" ESPN Sports to a simulcast of KJAV 104.9 McAllen, TX. Now with hip-hop and rock music with the slogan "Ultra 104.9." (JCJ-AZ)
 - 1120 KCRN **CO**, Limon 4/1 alone, no sign of normally dominant KANN. 0900 out of religious promo with "KCRN 1120 AM Limon, Colorado Springs, Denver and 102.3 FM" legal ID into Catholic Radio Network programming. First time heard. (JCJ-AZ)
 - 1260 KSUR **CA**, Beverly Hills on 4/10 at 2220 some old Elton John song, ID by slogan at 2220. Station was mixing with unID talk radio format and somebody playing 1970s band Boston. Talk could have been a cupla suspects, KTRC at the top of the list. I don't know who could have been playing an old Boston cut. (RB-AZ)
 - 1300 KGLO **IA**, Mason City 3/29 0059-0103 several call letter IDs just before CBS News on the hour. Usual C&W KLER fading in and out but easy to null, with a third station under KGLO with female announcer at 0059:30, likely KAKC or KCSF. No sign of KKOL on 1kw STA, or KAPL. (JP-AB)
 - 1660 KBRE **CA**, Merced 4/8 0713 ID "K-Bear 105.7" followed by hard rock music. (MS-CA)

Thank you WDXR reporters for your contributions to the column! – Nancy 4/12 1800



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

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO **NOUIHEric@gmail.com**
CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II

DOWN THE DIAL

- 880 WCBS **NY**, New York. 4/3 fair signal over WIJR with ACI from WLS 890. 0547 noted with local spot, EDT time check, sports report, quick "WCBS Eight-80" ID. Not audible during most of March due to local WIJR forgetting to power down at sunset. [EB-MO]
- 950 WWJ **MI**, Detroit. 4/11 fair signal over KXJK, WAKM, WORD, Cuba. 0539 noted with weather forecast, "News radio Nine-50 WWJ" ID, mention of the station's Web site, local spots and news. [EB-MO]
- 1130 WBBR **NY**, New York. 4/7 fair signal with ACI from KMOX 1120. 0527 noted with local spots, "Bloomberg radio 11-3-0" ID, weather forecast, traffic and sports reports into news headlines at 0530. [EB-MO]
- 1310 WIBA **WI**, Madison. 4/1 fair to poor signal, mixing with WTLC. 0300 noted with "This is news, talk 13-10 WIBA Madison, an iHeart Radio Station" legal ID into Fox News Radio. [EB-MO]
- 1400 KELD **AR**, El Dorado. 4/9 fair to poor signal, mixing with WGIL and other stations. 0600 noted with "AM 14-hundred KELD El Dorado" ID, mention of relay at 107.1 FM, into Fox Sports update. [EB-MO]
- KSIM **MO**, Sikeston. 4/10 fair to poor signal, mixing with other stations. 2047 noted with local spots, "KZIM, KSIM" ID in promo. [EB-MO]
- 1420 KBHS **AR**, Hot Springs. 4/7 fair signal over WIMS, WOC. 0450 noted with local spots, "La Zeta" ID in Spanish into Regional Mexican format. May have been left on day power. [EB-MO]
- 1460 KXNO **IA**, Des Moines. 4/4 fair signal through KHOJ. 0357 noted with station promo, "14-60 KXNO" ID into Fox Sports Radio promos. [EB-MO]
- 1550 KAPE **MO**, Cape Girardeau. 4/10 fair to poor signal, mixing with other stations. 2103 noted with Fox News Radio, local and national spots, "Cape radio 100-point-Three" ID into *The Savage Nation*. [EB-MO]

FLASHBACK

50 Years Ago – April 5 1969 issue of "DX Monitor" ... **Patrick Martin** of Seaside OR told about logging 50 of Aussies and Zedders in just 2 hours on Monday morning 3/24 ... **Larry B Godwin** of Englewood CO commented on the Anniversary issue ... **Percy R Kesteven** of Edmonton AB told about constructing an antenna tuner that was featured in *Popular Electronics* magazine ... **Marc DeLorenzo** of Hyannis MA was selling his HQ-129X. // **25 Years Ago – April 9 1994** issue of "DX Monitor" ... **Peter V Taylor** of San Francisco CA commented on licensing of stations in Canada and Mexico ... **Larry Godwin** of Missoula MT mentioned he has logged 46 Mexican stations so far this season ... **Karl Zuk** of Croton-on-Hudson NY told about logging TIS stations when on a Colorado skiing vacation.

OPEN MIKE

Thanks to Eric we have a column this time. This column was typed 4-12-19. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
 Email: n0uiheric@gmail.com
 DEADLINES: Friday 2359 ELT

TUNING THE DIALS THIS ISSUE:

(PS-ON) Paul Snider, London ON, Canada paulisnider@yahoo.ca
 Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 540 WXYG **MN**, Sauk Rapids – 3/31 2221 noted with a Rock format, a clear “WXYG” ID by a male announcer into a selection by Jimi Hendrix. A poor signal was noted before fading to WGWD and other stations. (PS-ON)
- 610 WPLO **GA**, Grayson – 4/5 2224 noted with a slower Regional Mexican format, “La Bonita 610” slogan in Spanish at 2240 into another music set. A very poor signal was noted under WTEL and WTVN; confirmed via Tune-In Web stream. Been trying to get a good enough signal to ID for a while. (PS-ON) (I was living in Georgia when this moved from 1360 in Lawrenceville, where it was WGNN, in 1990 – eb)
- 730 WZGV **NC**, Cramerton – 4/1 2229 noted with national ads, Sports Talk format, ESPN mentions, “730 the Game” and “ESPN Charlotte” IDs at 2238. This was coming in well tonight; a fair to poor signal was noted, mixing with CKAC and an unidentified Gospel music station. (PS-ON)
- 770 WYRV **VA**, Cedar Bluff – 4/10 2249 on after sunset with a Southern Gospel format, “770 God’s Country” ID at 2250, promo and local ads. A fair to very poor signal was noted. (PS-ON)
- 810 WMGC **TN**, Murfreesboro – 4/10 2311 noted with a Regional Mexican format, “WMGC, El Jefe” ID by a heavily accented announcer at 2320 into another music set. A fair at times to very poor signal was noted, mixing with WGY; confirmed via Tune-In Web stream. (PS-ON) (This must have been left on day power. Despite the spelling, the town’s name is pronounced “Murphysboro” – eb)
- 970 WKHM **MI**, Jackson – 4/1 2318 noted with a promo for a free event at the Jackson School of the Arts, giving the phone number as 784-2389. A poor signal was momentarily noted before fading into a mix of stations including a Classic Rock station. (PS-ON) (That Classic Rock station is WWRK Florence SC – eb)
- WKCI **VA**, Waynesboro – 4/11 2345 noted with *Coast-to-Coast AM*, Fox News promos, Fox Business news, “News Radio WKCI” ID at 2353. A fair at times to very poor signal was noted, mixing with WWRK. (PS-ON)
- 1440 WCDL **PA**, Carbondale – 3/29 2319 noted with Fox Sports Radio promos, “1440 WCDL” ID at 2400 into a Sports Talk format. A poor to very poor signal was noted, mixing with WZYX. (PS-ON)
- 1530 WCKG **IL**, Elmhurst – 4/8 2224 on after sunset with a Sports Talk format, possible mention of *The Jason Smith Show*, national ads including Farmers’ Insurance and TruCar, plenty of Fox Sports Radio mentions and promos, missed ID at 2300. A poor to very poor signal was noted under WCKY; confirmed via Simple Radio Web stream when it was working. (PS-ON)

EDITOR’S NOTES

Thanks to Paul for his logs in this issue. Deadlines for the remainder of Volume 56 are: 4/26, 5/10, 5/24, 6/7, 6/21, 7/5 and 7/19. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
 Email: dxwww.irca@gmail.com
 all times UTC

Deadline – Monday 1200 UTC.

***** TRANS-PACIFIC DX *****

- 594 **JAPAN** JOAK, NHK1, Tokyo. MAR 15 1359 – man in Japanese, fair w/much electrical noise. [BP-WA]
- 657 **DPR KOREA** Pyongyang, Pyongyang BS. MAR 15 1404 – female singer fair. [BP-WA]
- 693 **JAPAN** JOAB, Tokyo, NHK2. MAR 13 1400 – time pips and talk poor in CBU splash. [BP-WA]
 +MAR 15 1400 – piano music to TOH, 3+1 pips, then start of English lesson fair but much CBU splash. [BP-WA]
- 747 **JAPAN** JOIB, Sapporo. NHK2. MAR 13 1415 – English lesson poor //828. [BP-WA]
 +MAR 15 1411 – English lesson about a cat(?) that learned to paint (as near as I could tell), mostly fair in 750 splash, briefly good. [BP-WA]
- 756 **CHINA** CNR1. MAR 13 1401 – male talk poor //891. [BP-WA]
 +MAR 15 1412 – talk poor //981. [BP-WA]
- 774 **JAPAN** JOUB, Akita, NHK2. MAR 13 1405 – English lesson poor //828. [BP-WA]
 +MAR 15 1415 – good ending English lesson about painting and starting one about National People’s Congress in China. [BP-WA]
- 819 **DPR KOREA** Pyongyang, KCBS. MAR 15 1357 – music and woman in Korean fair peaking through KGNW splash at times. [BP-WA]
- 828 **JAPAN** JOBB, Osaka, NHK2. MAR 13 1406 – fair English lesson. [BP-WA]
 +MAR 15 1408 – English lesson fair. [BP-WA]
- 850 **ALASKA** KICY, Nome. MAR 13 1401 – pseudo sign-on announcement poor-fair mixing with KHHO. [BP-WA]
- 945 **CHINA** Jiaohe, CNR1. MAR 13 1402 – Chinese talk poor //981963. [BP-WA]
- 963 **CHINA** Huaduan, CRI. MAR 13 1408 – woman in Russian fair. [BP-WA]
- 972 **REP KOREA** HLCA, Dangjin. MAR 13 1359:40 – fair woman with standard ID in Korean, KBS mentioned, then time pips. [BP-WA]
 +MAR 15 1359:40 – the standard legal ID by woman, 3+1 pips then lively music and two men with “Hanminjok Bangsong” ID, monster signal. [BP-WA]
- 981 **CHINA** CNR1 synchros. MAR 13 1401 – Chinese talk fair in CKNW splash. [BP-WA]
 +MAR 15 1357 – fair-poor w/Chinese talk in CKNW splash. [BP-WA]
- 1098 **CHINA** CNR1. MAR 13 1407 – male talk //981 very poor. [BP-WA]
 +MAR 15 1357 – Chinese talk and distinctive news sounder //981 fair-poor. [BP-WA]
- 1116 **CHINA** CNR. MAR 15 1357 male ballad to ToH then what sounded like ID in Chinese by man and woman but not sure which network, then series of announcements in Chinese. [BP-WA]
- 1134 **REP KOREA** HLKC, Kimpo, KBS. MAR 15 1402 – man in Korean fair and dominant, weak Japanese woman (JOQR) in background. [BP-WA]
- 1206p **CHINA** Yanbian, PBS. MAR 13 1408 – very poor talk. [BP-WA]
- 1278 **JAPAN** JOFR, Fukuoka. MAR 15 1356 – sedate Japanese male fair. [BP-WA]
- 1287 **JAPAN** JOHR, Sapporo, HBC. MAR 13 1357 – man and woman recognizably Japanese, poor in splash. [BP-WA]
- 1314 **JAPAN** JOUF, Osaka. MAR 13 1359 – Japanese woman fair-poor. [BP-WA]
- 1323 **CHINA** Shuangyashan, CRI. MAR 13 1408 – woman poor //963. [BP-WA]
- 1332 **JAPAN** JOSF, Nagoya. MAR 13 1401 – Japanese woman fair-poor. [BP-WA]
- 1386 **JAPAN** NHK2 synchros. MAR 13 1403 – English lesson //828 poor-fair. [BP-WA]
 +MAR 15 1417 – bits of talk //774. [BP-WA]
- 1413 **JAPAN** JOIF, Fukuoka. MAR 15 1406 – Japanese talk sometimes surfacing through the splatter. [BP-WA]
- 1422 **JAPAN** JORF, Yokohama. MAR 13 1401 – lively male and female talk in Japanese fair-good. [BP-WA]
 +MAR 15 1406 – Japanese talk fair-poor. [BP-WA]
- 1467p **REP KOREA** HLNK, Mokpo, KBS1. MAR 15 1415 – possibly the unid male talk not //NHK2, good carrier but too much CJVB splash to ID the language. [BP-WA]
- 1494 **UnID** MAR 13 1401 – poor woman in Japanese, probably JOYR. [BP-WA]
- 1503 **JAPAN** JOUK, Akita, NHK1. MAR 13 1420 – poor-fair Japanese male. [BP-WA]
- 1557t **TAIWAN** Kouhu, RTI-Taiwa. MAR 15 1403 – Chinese talk (man and woman) fair in domestic splash. [BP-WA]
- 1557 **UnID** MAR 13 1419 – talk, probably Taiwan, poor. [BP-WA]

- 1566 **REP KOREA** HLAZ, Jeju, FEBC. MAR 15 1406 – good with Chinese program. [BP-WA]
 +MAR 13 1359 – Chinese male, brief choir, then announcement by woman fair-good. [BP-WA]
 1575 **THAILAND** Ban Phachi, VOA. MAR 13 1359-1429 – good-poor w/pgm in SE Asian language, English IDs and Yankee Doodle 1429. [BP-WA]
 1593 **CHINA** Changzhou, CNR1. MAR 13 1404 – poor in Splash with Chinese talk. [BP-WA]
 +MAR 15 1404 – bits of Chinese talk during pauses in KLFE splatter. [BP-WA]
 1602 **JAPAN** NHK2 synchros. MAR 13 1420 – language lesson poor //1386. [BP-WA]
 +MAR 15 1414 – English lesson poor //774. [BP-WA]

CONTRIBUTOR

BP-WA **BRUCE PORTZER**, Seattle WA
 Elad FDM-S2, 40x10 flag antenna aimed north
 Many thanks for Bruce for the logs! 73 and Good DX, Brandon

Current DX season preferred catches – Sylvain Naud

3/24 via IRCA eGroup. As another (short) DX season is coming to an end, here are some of my preferred DX catches. No surprise that most of the interesting stuff came at the end of 2018 where Romanians were about to become notorious pests, just to tell you :) One of my goals was to ear Russia on 828 but sadly, it never showed up firmly. And as for 2019, it is giving some kind of a lacklustre performance thus far. Note that logs date and time in UTC are part of the audio clip title.

- 531 **FAROE ISLANDS** – Kringvarp Føroya, Akraberg. At a much reduced power, now listed at 10Kw compared to the 100Kw they used to work with not so long ago. Here with rare long-talking segment https://www.quebecdx.com/faroe_islands_531_20190119_0202.MP3
 540 **HUNGARY** – MR1 Kussuth Rádío, Solt. Here with massive signal crushing CBT. **NEW https://www.quebecdx.com/hungary_540_20181103_0451.MP3
 549 **UKRAINE** – UR1, Mykolaiv. With Ukrainian talk. Thanks to Walt Salmaniw and Vlad Titarev on the RealDX list for ID. **NEW
https://www.quebecdx.com/ukraine_549_20181101_2134.MP3
 576 **BULGARIA** – Radio Horizont, Vidin. Not so easy to hear even though its carrier is spotted regularly. This is partly due to strong adjacent domestics (CFRA to name one) combined apparently to a low modulation https://www.quebecdx.com/bulgaria_576_20181013_0211.MP3
 603 **ROMANIA** – Radio Romania Actualitati, Various. Here with delayed synchros https://www.quebecdx.com/romania_603_mix_20181130_0300.MP3
 648 **SLOVENIA** – Radio Murski Val, Murska Sobota. There at a surprising strength for a listed 10Kw. **NEW
https://www.quebecdx.com/slovenia_648_20181103_0434.MP3
 657 **ITALY** – RAI Radio 1, Pisa. Here airing a Radio Theatre https://www.quebecdx.com/italy_657_20181226_2027.MP3
 702 **IRAN** – IRIB World Service in Russian, Klashahr. Thanks to Mike Shcherbakov at RealDX for sorting this one out
https://www.quebecdx.com/iran_702_20181130_2015.MP3
 711 **IRAN** – Sedaye Khuzestan, Ahwaz with Persian talk https://www.quebecdx.com/iran_711_20181220_2105.MP3
 756 **ROMANIA** – Radio Romania Actualitati, Lugo. Here with Radio Theatre. **NEW https://www.quebecdx.co/romania_756_20181101_2158.MP3
 837 **IRAN** – IRIB Radio Esfahan, Esfahan. Persian talk over soft music https://www.quebecdx.com/iran_837_20181127_0129.MP3
 864 **EGYPT** – ERTU, Al Quran Al-Karim, Santah. Sorting that one myself (thanks to WRTH 2018) with pips and (fast) ID "Idha'atu-l-Koran al-Karim min al-Qahira" at second 11 https://www.quebecdx.co/egypt_864_20181122_2059.MP3
 936 **SYRIA** – Radio Damascus, Homs. There with news commentary from a Lebanese newspaper. Thanks to Tarek Zeidan for this info and ID
https://www.quebecdx.com/syria_936_20181130_2021.MP3
 954 **CZECH REPUBLIC** – CRo Dvojka, Dobrochov. ID right at second 2: https://www.quebecdx.com/czechrepublic_954_20181130_2024.MP3
TURKEY – TRT1 Radyo Bir, Antalya at a nice strength, here with Turkish talk. **NEW https://www.quebecdx.com/turkey_954_20190104_0414.MP3
 963 **CYPRUS** – RIK1 Proto Radio, Nicosia. Thanks Jari Savoleinen and Franck Baste at RealDX for ID. **NEW
https://www.quebecdx.com/cyprus_963_20181226_2058.MP3
IRAN – IRIB Radio Birjand, Birjand with Persian talk (-17Hz) https://www.quebecdx.com/iran_962.9826_20181130_2035.MP3
 999 **MOLDOVA** – TWR Relay, Grigoriopol. TWR Interval Signal followed by Romanian programming
https://www.quebecdx.com/moldova_999_20181130_2014.MP3
 1008 **NETHERLANDS** – GrootNieuwsradio, Zeewolde. Ads and ID here shortly before their definitive closure on 12/31
https://www.quebecdx.com/netherlands_1008_20181122_2055.MP3
 1026 **IRAN** – Radio Tabriz, Azarshahr with IRIB IDs https://www.quebecdx.com/iran_1026_20181101_2101.MP3
 1035 **ESTONIA** – TWR Relay, Tartu. Here in a peak with Russian Pop https://www.quebecdx.com/estonia_1035_20181130_2022.MP3
 1098 **CHINA** – CNR11, Goldmud with a top-of-the hour announcement and pips https://www.quebecdx.com/china_1098_20181226_2059.MP3
SLOVAKIA – SRo3 Rádío Devin, Nitra (-17Hz). This listed 25Kw here delivering audio on a rare occasion. Thanks to Jozsy on the RealDX list for ID.
 **NEW https://www.quebecdx.com/slovakia_1097.9825_20181130_2034.MP3
 1116 **HUNGARY** – Dankó Rádío likely from the Miscock transmitter (15 Kw) with IDs. **NEW https://www.quebecdx.com/hungary_1116_20181220_0404.MP3
 1134 **KUWAIT** – Radio Kuwait, Kabd. Main Arabic Program on 1134 KHz with pips, news theme then into the news. Thanks to Tarek Zeidan for ID
https://www.quebecdx.com/kuwait_1134_20181226_2059.MP3
 1170 **UNITED ARAB EMIRATES** – Sawt Al-Joumhouria, Al Dhabbaya. There with ID right at the start "Idha Sawt Al-Joumhouria"
https://www.quebecdx.com/uae_1170_20181130_2012.MP3
 1179 **ROMANIA** – Radio Romania Actualitati, Bacau. The steadiest Romanian along with 1152 showing muscle here
https://www.quebecdx.com/romania_1179_20181122_2056.MP3
 1197 **IRAN** – IRIB Radio Iran, Moghan. Persian talk (listed at 50 Kw) https://www.quebecdx.com/iran_1197_20181007_0136.MP3
 1314 **IRAN** – Radio Iran, Ardabil with man in Persian over smootish music (listed at 50Kw). **NEW
https://www.quebecdx.com/iran_1314_20181130_2003.MP3
 1368 **UNITED KINGDOM** – Manx Radio, Isle of Man. From a not-so-easy-to-hear variety at my place there with ads and a sung ID "Manx Radio – Weather"
https://www.quebecdx.com/uk_1368_20181130_2000.MP3
 1377 **ARMENIA** – TWR Relay, Gavar. Folk music followed by TWR Interval Signal https://www.quebecdx.com/armenia_1377_20181130_1959.MP3
 1386 **LITHUANIA** – RFE Rádío Svoboda, Viesintos. A season regular and here with Radio Svoboda IDs
https://www.quebecdx.com/lithuania_1386_20181023_2357.MP3
 1413 **MOLDOVA** – Vesti FM (Relay), Grigoriopol. Vesti FM ID with news in Russian https://www.quebecdx.com/moldova_1413_20181007_0044.MP3
OMAN – BBC World Service, A'Seela. There with English talk with BBC mentions https://www.quebecdx.com/oman_1413_20181224_2029.MP3
 1503 **EGYPT** – ERTU, Al Quran Al-Karim, El Arish. At second 26 goes the ID "Idha'atu-l-Koran al-Karim min al-Qahira". Thanks Mauno Ritola at RealDX for pointing this out. **NEW https://www.quebecdx.com/egypt_1503.mp3
 1521 **CHINA** – CRI, Urumqi at a good level, here with Russian talk https://www.quebecdx.com/china_1521_20181030_0020.MP3
 1575 **ITALY** – RAI Radio Uno, Pisa with ID and news items https://www.quebecdx.com/italy_1575_20190223_0505.MP3

Sylvain Naud, Portneuf QC

Receiver: Perseus + Jaguar Pro software

Antennas: 450m/1450ft Beverage @ 35 degrees towards Eastern Europe, 290m/950ft Beverage @ 55 degrees towards Europe, 275m/900ft Beverage @ 90 degrees towards Africa, 60m/200ft Long Wire used for phasing purpose, MFJ-1026 phaser with Mark Connelly's LF mods.

MWLIST https://www.mwlist.org/mwlist_quick_and_easy.php + WRTH 2018



DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
 Email: DXM.EIC@gmail.com

Nick Hall-Patch at Breakwater Inn – Grayland WA

Antennas: phased end-fire Kaz antennas; phased 600 and 400 foot BOGs; 1000' Cat-5 Beverage with 400' terminating stub (all at 270 degrees).

Other toys: NetSDR, SDR-14 running DX Fishbarrel, Wellbrook phaser, Misk/Lankford phaser, Vactrol termination, everything but the kitchen sink it seems.

Although the new Breakwater Inn's motel portion is still undergoing hefty renovation (in late March, it was down to the studs inside), thanks to new owners' forbearance, I was able to set up some antennas there and do some late season DXing. Conditions were fairly good, though on a decline from a better period a day or two previously. But like they say, "a fair-to-middling day on the coast beats pretty much anything else". I've limited these logs to stations that were noted with live listening, or, on the hour, noteworthy, and/or that I haven't heard particularly at home. Otherwise it would take the usual months to deliver a report using the recorded files. I suspect that there are still lots of interesting catches in those files.

- 630 **AUSTRALIA** 4QN, Townsville. MAR 25 1400. Fair to poor with ABC pips and fanfare, but dominating channel just the same.
- 846 **KIRIBATI** London, Kirimati, Radio Kiribati. MAR 26 0601. Very good with BBC news. No sign on 1440 at this time.
- PHILIPPINES** DZRV, Quezon City. MAR 26 1400. Fair to good signal. Had been NHK1 until a few minutes earlier, Tagalog man faded up to hour, woman with "91-1" mention, and "V" in Morse code; lots of talk (news?), mentions of "Nationwide" "8-46 radyo ninety one" "member Catholic media network."
- 864 **JAPAN** JOXR, Naha. MAR 25 1400. "J-O-X-R" ID on hour by woman, fair to good strength.
- 900 **HAWAII** KMVI, Kahului. MAR 25 1400. "Maui's ESPN radio station, KMVI, AM 9 hundred Kahului" fair to good, dominating channel, though Chinese pips in the background.
- 918 **JAPAN** JOEF, Yamagata. MAR 25 1415. Good with female power ballad //1332. Often on this channel, Chinese dominated instead.
- 936 **JAPAN** JONF, Miyazaki. MAR 25 1403. Woman talking //1332 and leading slightly; fair strength.
- 963 **CHINA** Huaduan, CRI. MAR 25 1400. Very good with CRI chimes, fanfare, and Chinese and Russian IDs. This had been off the air during the winter, but back with a vengeance.
- 999 **JAPAN** NHK1 synchros. MAR 25 1400. Weak but //567 with man in Japanese. Heftiest one listed is 1kw.
- 1053 **JAPAN** JOAR, Nagoya. MAR 25 1400. Fair strength, clear enough to hear "sen go juu san kiroherutsu (1053 kHz) ...CBC rajio" battling with Chinese on channel.
- 1089 **CHINA** Fuzhou, CNR6. MAR 26 1334. Fair with piano finish to female vocal //6165; someone else there with Chinese talk, but not NHK2.
- 1107 **JAPAN** JOMR, Kanazawa. MAR 25 1406. Fading up to fair with female ballad //1332.
- 1134 **REP KOREA** HLKC, Hwaseong, KBS3. MAR 25 1400. "HL(K?)C" ID by woman, then 2 and 1 pips; fair signal, Japanese way under. Listed as RFK by PAL, but this seems to indicate that it is still a domestic broadcaster at times?
- 1161 **TAIWAN** BED89/BED86, Miaoli/Zhuangwei, BCC. MAR 25 1400. Fair signal man in Chinese, BCC chimes.
- 1197 **JAPAN** JOYF, Mito. MAR 26 1350. Female ballad, fair to good strength, //1332 (only one listed on channel for ANN Gold at this time.)
- 1215 **JAPAN** JOGE, Hiroasaki. MAR 26 1350. Female ballad, fair to poor strength, //1332 and to 1233. (JOB0 and/or JOBW are Kinki Hoso which also runs ANN, but not at this time, process of elimination? Fine DX all of it.)
- 1233 **JAPAN** JOGR, Aomori. MAR 26 1350. Female ballad, fair to poor strength, //1332 and to 1215. JOUR also runs ANN at this time by 1215 and 1233 had practically no time offset, while 1332, for example, was leading them both slightly.
- 1278 **JAPAN** JOFR, Fukuoka. MAR 26 1334. Woman talking, fair, and //1287. Not sure what network that was, as not listed as ANN, and not //1242 and 1332.
- 1341 **JAPAN** NHK1 synchros. MAR 26 1414. NHK1 interlude music, fair to poor //1296.
- 1413 **JAPAN** JOIF, Fukuoka. MAR 25 1402. Woman talking, slight offset from //1332; fair to good strength.
- 1431 **JAPAN** JOVF, Wakayama. MAR 25 1400. Poor to fair, with high pitched musical interlude //1440, 1332 and others.
- 1449 **JAPAN** JOQM, Abashiri. MAR 26 1354. Fair with man talking //1287.
- REP KOREA** HLQB, Ulsan. MAR 25 1400. Pips and man talking; rough copy but //711.
- 1458 **JAPAN** All Night Nippon Gold relays. MAR 25 1400. Poor with high pitched musical interlude (flute) //1440, 1332 and others. ANN Gold is listed and 1458 is a relay of JOSF-1332 (which was at good strength), but 1197 1098 and 1233 all have ANN at this time also and have relays on this channel. Same interlude heard on this channel the following morning also.
- 1467 **REP KOREA** HLKN, Mokpo. MAR 25 1400. Fair with "HLKN" mention by man (may have said Mokpo before?) and "KBS... rajio" mention after pips; NHK2 in there also.
- 1485 **JAPAN** All Night Nippon Gold relays. MAR 25 1400. Poor with high pitched musical interlude (flute) //1440, 1332 and others. There is a 1kw relay of Aomori on 1233 (yes, the interlude was there also), but many different relays to choose from, unfortunately.
- 1494 **JAPAN** JOYR, Okayama. MAR 25 1403. Poor to fair, with woman talking, //1242 and delayed by about half a second. Not listed as ANN Gold, but...
- 1584 **JAPAN** NHK1 synchros. MAR 26 1353. Poor to fair with woman in Japanese //1296.

Gary DeBock in Hong Kong with Ultralight

4/2. After a 14 hour flight via SF a collection of Ultralight DXpedition gear safely arrived in Hong Kong, and was immediately tested out at 1200 UTC during the local evening hours. Much to my surprise the "Supercharged" CC Skywave SSB model was very competitive in receiving the Southeast Asian stations all by itself in a 12th story flat in a high rise building in Shatin, in the New Territories. Although a 5 inch "Frequent Flyer" FSL antenna and a 4 foot PVC base safely made the trip they won't be deployed until I can become familiar with the local pests, and track down a suitable salt water beach site – probably a serious challenge in ultra-crowded Hong Kong.

If any DXers in North America or Europe have questions about the Southeast Asian station formats I'll try to investigate as time allows.

- 531 **PHILIPPINES** DZBR, Batangas City. Great strength and all alone with TOH fanfare, "Bible Radio" ID's and local announcements at 1200 UTC on 4/2
<https://dreamcrafts.box.com/s/3jbfza194lc4dejwzj3nj8lid2gymwk>
- 540 **UnID-Chinese Stations** The evening mix here in Hong Kong with Chinese opera and another Chinese station underneath at 1203
<https://dreamcrafts.box.com/s/veflfk16b5xj68w9ghe7e103w0s1rb11>
- 567 **HONG KONG** RTHK3, Golden Hill. One of my locals with typical rock music at 1207
<https://dreamcrafts.box.com/s/resqitr2qyaootwd2i7m9krj868mmh5o>
- 603 **CHINA** CNRI-CRI. Based on Hawaii experience the strong Vietnamese format-station at 1211 is CRI, although a CNR1 ID is audible from the Chinese station underneath <https://dreamcrafts.box.com/s/0n18sag6y5gvnoaepdzm733ygc5wr564>
- 918 **UnID** This lady's language at 1218 doesn't sound like Khmer (RNK) to me, so depending on the assessment of the Finnish language experts this would probably be either Thai or Tagalog <https://dreamcrafts.box.com/s/b7amut6xmchxluiv9vnnq76o0j84nqal>

4/8. Hong Kong is one of the toughest environments on the planet for "Frequent Flyer" FSL antenna-enhanced DXing, with a wicked combination of overcrowded real estate, restricted private beaches and prolific RFI. Until yesterday evening this nasty combination prevented any serious attempt at Hawaii-style FSL DXing, even though the exact same DXpedition gear had made the long trip from Seattle.

Although a modified CC Skywave Ultralight had taken up the slack quite well for 5 days the time was running out for FSL deployment, and a solution needed to be found. The previous strategy had been to look for isolated ocean beaches, but in Hong Kong these are usually either off limits, inaccessible or lacking in security after darkness. Yesterday the 5" FSL and its 4' PVC base were taken to a public waterfront park on the western side of Hong Kong island, and deployed for a sunset skip session around 8 PM local time (1200 UTC). A photo of this harbor(u)r view DXing station is posted at <https://dreamcrafts.box.com/s/9seohpuldsm8s6z144n2br9e8dlz6zu>

The addition of FSL antenna gain made all the difference for a thrilling sunset skip session, with S9 signals received all the way from Guam (610-KUAM) to India (657-AIR). Many of these DX stations rarely if ever show up on the west coast, and the chance to record many of them at local-like strength was unforgettable. Posted below are of few of them, which hopefully will convey some of the excitement of the session to those who would like to make a similar trip. I haven't yet have time to post the recordings on Real DX for expert language assessment, but the presumed station identities should be fairly reliable (although other opinions are always welcome).

- 531 Radio Thailand? (presumed). Lady announcer in SE Asian language very strong over weak UnID at 1308
<https://dreamcrafts.box.com/s/wruzkxfmgn11dc12uf7gj1t0nydlmq1>
- 585 Lao National Radio (presumed). Seemingly the most likely possibility with unique music and male SE Asian speech at a blistering level at 1329
<https://dreamcrafts.box.com/s/7t0nzkrzs762w685pih4hfcvmvrtxuoyu>
- 594 Radio Myanmar (presumed). Female-voiced opera and male SE Asian speech at meltdown level at 1336
<https://dreamcrafts.box.com/s/d3s6l2ty9s69nien33tjvgmio75lbnh>
- 657 Voice of Vietnam (presumed). Male SE Asian speech over UnID at 1408 <https://dreamcrafts.box.com/s/pz124dygo36mv67ujj2ki0hdn6p5wu5>
- 693 Bangladesh. Typical music and female Bengali speech at S9+ level at 1336 <https://dreamcrafts.box.com/s/mdqt135ksqphiorngmib9omim6bgcwvzl>

73 and Good DX, Gary DeBock (DXing at Olympic City, Kowloon, Hong Kong Harbour). 7.5" loopstick C.Crane Skywave SSB Ultralight + 5 inch "Frequent Flyer" FSL antenna on 4' PVC base



Deadlines: 4/29, 5/13, 5/27, 6/10, 6/24, 7/15 and 8/12

Brett Saylor W3SWL, State College, Pennsylvania

Regarding Glenn's report of a station on 2940.x, I heard HJNT Huellas Radio, Cali, Colombia on approx 2940. kHz (2 x 1047) with impassioned Spanish preacher at 1030 UTC on 2 April 2019 on my Perseus SDR and south 16' x 36' Wellbrook broadband loop; confirmed this was HJNT via comparison with the TWR kiwiSDR in Bonaire and the station's own web stream at <http://www.readios.com.co/Huellas/>. This was first heard last year about this same time, and identified then via the web stream. Best 73. (Welcome, Brett, to the column. I can't help wondering if you are related to Jean Saylor in the Souderton area – rce)

Glenn Hauser, PO Box 1684, Enid, Oklahoma 73702 wghauser@yahoo.com

Greetings. All times and dates strictly UT. Receiver: mostly DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; or IC-R75 with E-W longwire.

USA. 245 kHz, April 1 at 0612, ND beacon FS is JBA! Is at Rock, Sioux Falls, South Dakota, 400 watts per dxinfocentre. LW storm noise level is unusually low so I take advantage for some sleepy-time beepery.

293 kHz, April 1 at 0615, ND beacon FBY, which is 25 watts from Fairbury, Nebraska.

329 kHz, April 1 at 0618, ND beacon PMV, 25 watts from Plattsmouth, Nebraska (a flood area, I think).

CANADA. 328 kHz, April 1 at 0617, dash and YTL from NDB beacon at Big Trout Lake ON, 1000 watts. Really remote, fly-in only in NW ON, beyond Pickle Lake, almost 90 west, 54 north. 2031 km = 1262 miles from here.

CANADA. 341 kHz, April 4 at 0549, dash and YYU ND beacon, 500 watts from Kapuskasing, Ontario, one neat name. Town website says, "Did you know? Kapuskasing means "Bend in the river" in Cree".

USA. 341 kHz, April 4 at 0549, as I am copying ND beacon YYU from Kapuskasing, CANADA, another one on same frequency at higher pitch, much weaker is OIN, 25 watts from relatively close Oberlin, Kansas, new here. Wait a minute, what about my local on 341, Enid's own EI? Must be off.

UnID. 1380, April 14 at 1245, blinds.com ad by Dennis Prager. Unlike 1390 with a jumble of weak signals in the absence of local KCRC, adjacent 1380 without any splash has good talk signal. So I try to find a station list for Prager, but no such thing; instead you have to Email him with location and he will answer with suggestions! <https://www.dennisprager.com/find-a-station/>

Checking the listings, most likely KXFN St Louis The Answer but 'Best of Prager' is not scheduled until 15-16 UT, while before 13 UT it's 'Townhall Review' which could still contain such a commercial. <https://theanswerstl.com/programguidedaily?dayOfWeek=Sunday&timeFilter=0>. Prager's home station is another 'The Answer' somewhere.

OKLAHOMA [and non]. Enid is just beyond the edge of big storms to the south and east, so it's quite a surprise when the OG&E power goes off sharp at 2030 April 13. Unfortunately I don't have battery power set up for the R75, and though the line noise level should be down, there is still storm noise. So to accomplish something, we go shopping to another part of town with power. During which I bandscan caradio and find the outage goes far beyond our neighborhood:

Dead air from KNID and the other Chisholm Trail stations on 107.1, 106.3, 97.7 and 95.7. Completely off is 1390 KCRC. This means the remote FM transmitter sites still have power but not the studio on Willow next to the three AM towers. The FMs had resumed modulating by 2240 check.

We later hear that the power resumed at least in some parts at 2149. But guess what, 1390 KCRC never comes back! Suffered some damage, or AM appendege overlooked to restart?

Since KCRC was 24h NSP, very strong and also with spurs near 1330, 1360, 1420, 1450, this is a rare chance to DX something else at least on 1390. Nothing audible under daytime conditions, and near sunset just a graveyard-like jumble. Not until 0558 April 13 do I make a serious effort to DX 1390, but there are still no dominant signals. This is really to be expected as all the nearest 1390s in adjacent, even second-adjacent states run quite low power at night. For instance, KFFK Rogers AR is only 30 watts. KGNU Denver 139 watts. KNCK Concordia KS 54 watts. KJPW Waynesville MO 111 watts. KHOB Hobbs NM 500 watts. KULP El Campo TX 500 watts. KBEC Waxahachie TX 260 watts. In deference to our KCRC which stays at 1000 watts night?

Awake at 1225 after sunrise, maybe still some SRS? C&W looping E/W. at 1233 mentions "1390" amid C&W; 1253 now a station with financial talk by man with female sidekickness; 1258 fade-out. 1300 a ToH ID I just cannot copy but then can recognize Fox "news" sounder; now that's a useless clue! Give up while KCRC still remains silent past 1800 April 14. All very frustrating. Maybe there will be further chances – No, finally back on by 1900 April 14, after some 22.5 hours of silence; could it be they were working on getting rid of the spurs? I am no longer hearing them at 2235, 1360 clear for KPHN El Dorado KS, and 1420 for KTJS Hobart OK, except now there is expanded splatter beyond that range. Maybe KCRC had to switch to a backup transmitter with different problems.

I'm trying both on the DX-398 for DFing, and on the R75 for better gain on the E-W longwire. Slightly above the jumble at 0558 is C&W looping NW/SE; 0600 news from same? 0602 back to music. At 0605 I think I *may* hear a WROA ID in passing, but I already know that Gulfport MS is a possibility with its 5/5 kW U4 and NOStalgia format.

OKLAHOMA. 1600, April 10 at 1933, searching for some rare music on the AM band, "1600, The Cush, and 1600kush.com", ie KUSH in oil terminal Cushing OK, east of Stillwater. Cush is pronounced like in cushion; then C&W or nostalgia, or "Americana".

[and non] This reminds me to enumerate the few stations around here on daytime/groundwave listenable primarily with music, not including foreign language, gospel huxters: 780 KSPI, 860 KKOW, 900 KSGI (split with gospel huxters mornings), 1070v KFTI, 1280 KSOK, 1600 KUSH. Everything else is talk or sportstalk.

CANADA. 2749-USB, April 2 at 0637, unusual to hear anything in the nightmiddle, but marine weather info in French with English accent; millibars and directions mentioned, also Matane several times which is a Québec city on the Gaspé coast NE of Rimouski. Stops at 0639* and nothing now on 2598-USB either. I cannot find a 2019 schedule on the Canadian Coast Guard site, just 2018: <http://www.ccg-gcc.gc.ca/Marine-Communications/RAMN-2018/Part2#21> which does not show any station ending around 0640; and it has never been clear to me whether these stations stay on UT or make DST shifts! CCG 2018 sked does show VCO Sydney NS *starting at 0740 via Port Caledonia site, English only, which would now be *0640 if DST be observed. Nor does this version: <http://dxinfocentre.com/mb.htm#O%20ATL>

Bill Hepburn replies already to an advance copy of the above:

"Hi Glenn, That could've just been an unscheduled broadcast with a marine warning or an amended forecast. Unscheduled broadcasts are not that uncommon. I've heard lots of them over the years. They also interrupt the VHF continuous marine broadcasts.

From the RAMN: "MCTS Centres broadcast marine safety information through continuous, scheduled and unscheduled broadcasts to provide mariners with information such as weather bulletins, ice information, and notices to shipping (NOTSHIP) concerning the operational status of navigational aids and dangers to navigation."

BTW, broadcast times noted in UT remain on UT regardless of ST/DT status. The RAMN's are now updated on an ongoing basis – so it's always the latest issue. You can check the amendment dates on the Amendment Register on page i. The "year" changes in April, the official annual issue time.

My guess is that you heard Escoumins Coast Guard Radio broadcasting from its site on Grindstone Island, QC. Regards, Bill Hepburn"

COLOMBIA. 2940+, re my several recent logs of a harmonic here, many thanks to Brett Saylor who has definitely IDed it as the same one which was being heard a few years ago:

"Hi Glenn, Regarding the reports of a station on 2940.x, I heard HJNT Huellas Radio, Cali, Colombia on approx. 2940.11 kHz (2 x 1470.x) with impassioned Spanish preacher at 1030 UT on 2 April 2019 on my Perseus SDR and south 16' x 36' Wellbrook broadband loop; confirmed this was HJNT via comparison with the TWR kiwiSDR in Bonaire and the station's own web stream at <http://www.radios.com.co/huellas/> – Best 73, Brett Saylor W3SWL, State College PA"

Huella means footprint, or vestige, apropos for harmonic, unlikely chosen deliberately!
 GUATEMALA. 4055, April 3 at 0629, S9+10 of open carrier which TGAV has not yet turned off; why?
 RUSSIA. 4635, April 5 at 0137, notorious buzzer is barely audible; seems not evenly spaced, occasionally a double-buzz, adding up to approx. 64 times per minute.

CUBA. 4764.999, April 1 at 0327, Radio Progreso very good signal measured here with margin of error of 2 Hz at most. And it matches 5025 BFO pitch. Anker Petersen, Denmark has been reporting this as 4765.02, such as March 24 at 0330, but I have never noticed them that far off in BFO 1-kHz-step bandscans. Some of his other logs such as Eritrea and Mali appear to be measured +.01 or +.02 too high. Please check receiver calibration vs WWV or the like.

4765, April 11 at 0321, NO signal from Radio Progreso, just some CODAR swishing. Richard Langley, NB, agrees, who first noted Radio Progreso absent the night before during its entire 0030-0400 span. 5025 Rebelde is still on and nominal. What's with Radio Progreso?

4765, April 12 at 0046, Radio Progreso is still AWOL, while 5025 Rebelde is nominal. The third night in a row. Ditto at 0331 check April 13, fourth night. Transmitter totally broken? That leaves weak CODAR swooshes, and maybe a chance at Tajikistan.

BRAZIL. 4774.976, April 3 at 0624, weak music vs CODAR. Following my previous report whether it's Brasil, Perú or Swaziland, Manuel Méndez, Spain, IDed Rádio Congonhas [NOT "Radio Sora"]:

"Manuel Méndez, Lugo, Spain, Log in Friol, Tecsun S-8800, cable antenna, 8 meters: BRAZIL, 4775, Radio Congonhas, Congonhas, 0355-0445, 02-04, after various months without heard it, now on air. Brazilian songs, pop songs in English, at 0414: "Uma e quatorze", at 0424: "Radio Congonhas AM...", "Radio Congonhas a emissora do Bom Jesus". Weak. 15311"

UnID. 4810, April 2 at 0630, steady weak carrier here, vs UTEhash on plus side. Aoki think it's Radio Logos, Perú runs 0900-2400 only; EiBi B-18 shows 1000-1300 and 2300-0226. WRTH 2019 is noncommittal as to hours. Could also be a UTE.

USA. 4840, April 9 at 0604, S9+30 of dead air from WWCR-3, when TOMBS is scheduled weekdays all the way from 06 to 12 UT. Must not be minding the satellite uplink at Walterboro, as dead air has also been showing on WRMI, 7730, earlier, qv.

USA. 4980, April 10 at 0058, WRMI with Supreme Master TV, 0059.5 Zanotti ID and off, extended an hour. Also more SMTV April 10 at 1033 on 5950 instead of WORLD OF RADIO on Wednesday. WRMI frequency grid websked has now been updated as of April 7 for 24 hours of SMTV, one frequency at a time, presumably 7 dpw, thus blowing away that WOR and all other programming in these blocks, mainly Systems D and F: 01-03 5950, 03-04 9395, 04-08 5950, 08-10 9395, 10-11 5950, 11-14 7570, 14-20 15770, 20-21 9395, 21-01 4980.

But the program sked-grids below that have not been updated to correspond!

USA. 5010, Wednesday April 10 at 0100, WRMI in English with Bible readings; frequency grid shows extension 0100-0130 Tue-Sat on System H, but the System H program grid does not.

SOLOMON ISLANDS. 5020, April 3 at 1255, S6-S9 open carrier with flutter, decent signal from presumed SIBC, maybe still on for election day, but hardly helpful if not modulated. Some ACI from 5025 Cuba music; and much stronger than 5055 Australia carrier.

However, Ron Howard says 5020 was modulated: "SIBC (presumed), 1244+, on April 3. Another day of slightly above threshold level audio; pop songs (many C&W songs); another day running past their usual 1200* (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire)"

CUBA. 5025, April 6 at 0529, Radio Rebelde modulation is cutting off and on; wiggle that patch cord!

CUBA. 5040, April 9 at 0607, another hour of RHC English is still running here and on the rest of The Cuban Five: 6165, 6100, 6060 all sufficient, except 6000 JBA, much softer than 5995 Mali.

5040, April 10 at 0101 I happen to catch tail of Spanish frequency announcement claiming 5040 start at 0200 – but here we are! And 11760 to stop at 0300. Also plugs now 4 FM frequencies 24h covering fractions of Cuba. But all in Spanish? No, English also claims to be on them, but what is the timeshare breakdown also with other languages?

5040, April 12 at 0047, this RHC is off; 0050 back on with S9 carrier and whine, JBM on and off and on and off, in French or Kriyol.

USA. 5050, April 1 at 0050, WWRB, TN reactivated on A-frequency with politico-gospel huxters at S9+40. Likely the only frequency in use, no more 3185 or 3215; unless some Ugandans give it another try on 15240.

USA. 5085, Saturday April 13 at 2337, WTWW-2 finally starts 'Theater Organ in the Ozarks' at its advanced DST timing; and it runs until 2412 Sunday April 14, ie 35 minutes long – except besides confirming it on 5085, I've really been listening to the webcast which this week provides very good hi-fi and stereo sound as very much needed for organism. Bob Heil closes by lauding all the other great programming on WTWW – really? I can't think of any besides his.

Until the next, Best of DX and 73 de Glenn



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

Welcome to another edition of SportChannels! Baseball season is under way, and we're now taking a look at Major League Baseball network lists. The first divisions we'll be featuring network lists are from the Central Division of the American and National Leagues. The National League Central is the division my hometown team, the Saint Louis Cardinals, play in. Flagship stations are in **boldface** type, Spanish language flagships in **boldface italics**, Spanish language affiliates in *italics*.

AMERICAN LEAGUE – CENTRAL DIVISION

CHICAGO WHITE SOX Ed Farmer, Darrin Jackson, Web: whitesox.com

AM	1150 WGGH Marion, IL	1560 WRIN Rensselaer, IN	FM
720 WGN Chicago, IL	1330 WNTA Rockford, IL	1580 WBCP Urbana, IL	104.5 W283CO Rensselaer, IN (1)
860 WMRI Marion, IN	1430 WCMY Ottawa, IL		105.5 WYKT Wilmington, IL
1060 WRHL Rochelle, IL	1490 WKRO Cairo, IL		

Relay: 1) WRIN 1560

CLEVELAND INDIANS Tom Hamilton, Jim Rosenhaus, Web: indians.com

AM	1390 WBLL Bellefontaine, OH	FM	100.9 WBNO Bryan, OH
570 WKBN Youngstown, OH	1400 WMAN Mansfield, OH	92.7 WQEL Bucyrus, OH	100.9 WJAW-FM McConnelsville, OH
930 WEOL Elyria, OH	1430 WFOB Fostoria, OH	92.9 W225CM Delaware, OH (1)	100.9 W265DJ Mount Vernon, OH (2)
970 WFUN Ashtabula, OH	1450 WJER Dover, OH	93.1 WWSR Lima, OH	100.9 W265DL Dover, OH (3)
1100 WTAM Cleveland, OH	1450 WLEC Sandusky, OH	93.3 WODC Ashville, OH	101.9 W270CI Uhrichsville, OH (4)
1260 WRIE Erie, PA	1480 WHBC Canton, OH	93.5 WBNV Barnesville, OH	104.5 WQKT Wooster, OH
1300 WMVO Mount Vernon, OH	1490 WMRN Marion, OH	95.3 WLKR-FM Norwalk, OH	106.9 W295CI Urbana, OH (5)
1330 WFIN Findlay, OH	1540 WBTC Uhrichsville, OH	98.3 WMAN-FM Fredericktown, OH	
1340 WKSJ Jamestown, NY	1550 WDLR Delaware, OH	100.7 WMMS/WMMS-HD1 Cleveland, OH	
1370 WSPD Toledo, OH	1590 WAKR Akron, OH		

Relays: 1) WDLR 1550, 2) WMVO 1300, 3) WJER 1450, 4) WBTC 1540, 5) WBLL 1390



DETROIT TIGERS Dan Dickerson, Jim Price, Web: tigers.com

AM
 590 WKZO Kalamazoo, MI 1310 WCCW Traverse City, MI
 680 WDBC Escanaba, MI 1320 WDMJ Marquette, MI
 790 WSGW Saginaw, MI 1330 WTRX Flint, MI
 1050 WTKA Ann Arbor, MI 1340 WMBN Petoskey, MI
 1090 WKBZ Muskegon, MI* 1360 WKYO Caro, MI
 1230 WBET Sturgis, MI 1370 WGHN Grand Haven, MI
 1230 WSOO Sault Sainte Marie, MI 1380 WPHM Port Huron, MI
 1240 WCBY Cheboygan, MI 1400 WCCY Houghton, MI
 1240 WIAN Ishpeming, MI 1400 WSJM Saint Joseph, MI
 1240 WJIM Lansing, MI 1450 WHTC Holland, MI
 1270 WMKT Charlevoix, MI 1450 WMIQ Iron Mountain, MI
1270 WXYT Detroit, MI 1450 WNBV Newberry, MI
 1300 WOOD Grand Rapids, MI** 1460 WBRN Big Rapids, MI
 1590 WHLX Marine City, MI

FM
 92.1 WCSR-FM Hillsdale, MI 99.7 W259CO Holland, MI (3)
 92.7 WLKI Angola, IN 100.7 WWTH Oscoda, MI
 93.7 WKAD Harrietta, MI 100.7 W264CF Saint Ignace, MI (4)
 95.3 WBCK Battle Creek, MI 101.1 WGRY Roscommon, MI
 95.7 W239CJ Benton Harbor, MI (1) 101.9 W270CJ Jackson, MI (5)
 96.1 WMTR Archbold, OH 102.3 W272CR Petoskey, MI (6)
 96.1 WMAX-FM Holland, MI* 103.7 WCSY South Haven, MI
 96.7 WRGZ Rogers City, MI 104.9 WQBX Alma, MI
97.1 WXYT-FM/HD1 Detroit, MI 105.3 WKHM-FM HD2 Brooklyn, MI
 97.7 WMLQ Manistee, MI 106.9 WOOD-FM Muskegon, MI**
 97.7 WTVG Sandusky, MI 107.5 WCCW-FM Traverse City, MI***
 98.7 WLDN Ludington, MI 107.7 W299BE Big Rapids, MI (7)
 99.3 W257CZ Houghton, MI (2)

Relays: 1) WSJM 1400, 2) WCCY 1400, 3) WHTC 1450, 4) WCBY 1240, 5) WKHM-FM HD2 105.3, 6) WMKT 1270, 7) WBRN 1460

Notes: * denotes station carries all weekday games starting before 1500 ELT, ** denotes station carries all weekday games starting after 1500 ELT and all weekend games, *** denotes station carries games starting after 1800 ELT

KANSAS CITY ROYALS English: Denny Matthews, Steve Physioc, Steve Stewart, Ryan Lefebvre, Spanish: José Muñoz, Web: royals.com

AM
 580 WIBW Topeka, KS 1320 KLWN Lawrence, KS
610 KCSP Kansas City, MO 1340 KICK Springfield, MO
 680 KFEQ Saint Joseph, MO 1350 KMAN Manhattan, KS
 690 KGGF Coffeyville, KS 1370 KWRT Boonville, MO
 780 WJAG Norfolk, NE 1390 KNCK Concordia, KS
 860 KKOW Pittsburg, KS 1400 KAYS Hays, KS
 960 KMA Shenandoah, IA 1400 KVOE Emporia, KS
 990 KRSL Russell, KS 1410 KOOQ North Platte, NE
 1150 KSAL Salina, KS 1420 KJCK Junction City, KS
 1150 KRMS Osage Beach, MO 1420 KULY Ulysses, KS
 1180 KZOT Bellevue, NE 1430 KKOZ Ava, MO
 1190 KVSF Beloit, KS 1440 KCHE Cherokee, IA
 1220 KOFO Ottawa, KS 1450 KWHW Hutchinson, KS
 1240 KFH Wichita, KS 1450 KOKO Warrensburg, MO
 1240 KIUL Garden City, KS 1460 KKOY Chanute, KS
 1240 KFOR Lincoln, NE 1530 KDSN Denison, IA
1250 KYYS Kansas City, KS 1530 KQNK Norton, KS
 1270 KSCB Liberal, KS 1540 KLKC Parsons, KS
 1280 KSOK Arkansas City, KS 1580 KNIM Maryville, MO
 1280 KDKD Clinton, MO 1600 KMDO Fort Scott, KS
 1290 KOIL Omaha, NE 1600 KTTN Trenton, MO
 1300 KMMO Marshall, MO 1620 KOZN Bellevue, NE
 1300 KBRL McCook, NE **FM**
 1310 KYUL Scott City, KS 92.1 KMZA Seneca, KS
 1310 KGMT Fairbury, NE 92.1 KKOZ-FM Ava, MO

92.3 KTTN-FM Trenton, MO 100.1 KKWK Cameron, MO
 92.3 K222CT Springfield, MO (1) 100.9 KESA Eureka Springs, AR
 92.5 KWIX-FM Cairo, MO 100.9 KGLC Miami, OK
 92.7 K224FQ Coffeyville, KS (2) 101.7 K269GP Lawrence, KS (19)
 93.3 K227CX Manhattan, KS (3) 102.9 K275CS Beloit, KS (20)
 93.7 K229CQ Wamego, KS (3) 102.9 KMMO-FM Marshall, MO
 94.3 K232FJ Hays, KS (4) 103.1 K276GP Liberal, KS (21)
 94.5 KLIQ Hastings, NE 103.3 K277CK Arkansas City, KS (22)
 94.7 K234CX Cherokee, IA (5) 103.3 K277CA Lincoln, NE (23)
 95.9 K240DY Maryville, MO (6) 103.7 K279CS Ottawa, KS (24)
 96.7 KBBE McPherson, KS 103.9 KOMB Fort Scott, KS
 96.9 K245BQ Emporia, KS (7) 104.9 K285GL Topeka, KS (25)
 97.1 KVVLM Maryville, MO* 104.9 K285HE Garden City, KS (26)
 97.3 KOBM Blair, NE** 104.9 K285ER Osage Beach, MO (9)
 97.5 K248CY Wichita, KS (8) 105.9 K290AT Norfolk, NE (27)
 97.5 K248BP Osage Beach, MO (9) 106.7 KQNK-FM Newton, KS
 97.5 K248CX McCook, NE (10) 106.7 KULY-FM Hugoton, KS
 97.7 K249FA Hoisington, KS (11) 106.7 K294DE Parsons, KS (28)
 98.1 K251BM Russell, KS (12) 106.7 K294DI Salina, KS (29)
 98.1 K251CP North Platte, NE (13) 107.1 K296HG Scott City, KS (30)
 98.3 K252EY Concordia, KS (14) 107.3 KLPW-FM Steelville, MO
 98.5 K253BP Nickerson, KS (15) 107.9 K300DN Junction City, KS (31)
 98.7 K254DE Boonville, MO (16) 107.9 K300DI Warrensburg, MO (32)
 99.1 KDWD Marceline, MO 107.9 K300DV Saint Joseph, MO (33)
 99.5 K258BF Warsaw, MO (17)
 99.9 K260DF Chanute, KS (18)

Relays: 1) KICK 1340, 2) KGGF 690, 3) KMAN 1350, 4) KAYS 1400, 5) KCHE 1440, 6) KNIM 1580, 7) KVOE 1400, 8) KFH 1240, 9) KRMS 1150, 10) KBRL 1300, 11) KVGB 1590, 12) KRSL 990, 13) KOOQ 1410, 14) KNCK 1390, 15) KWHW 1450, 16) KWRT 1370, 17) KKOW 860, 18) KKOY 1460, 19) KLWN 1320, 20) KVSF 1190, 21) KSCB 1270, 22) KSOK 1280, 23) KFOR 1240, 24) KOFO 1220, 25) WIBW 580, 26) KIUL 1240, 27) WJAG 780, 28) KLKC 1540, 29) KSAL 1150, 30) KIUL 1310, 31) KJCK 1420, 32) KOKO 1450, 33) KFEQ 680

Notes: * denotes the Royals' list has old call KNIM-FM, ** denotes the Royals' list has old call KBLR (The Royals also lists KZJF 104.1 Jefferson City MO as an affiliate; that station has been deleted – eb)

MINNESOTA TWINS English: Cory Provus, Dan Gladden, Kris Atteberry, Spanish: Alfonso Fernandez, Tony Oliva, Web: twinsbaseball.com

AM
 570 WNAX Yankton, SD 1290 KBMO Benson, MN
 610 KDAL Duluth, MN 1300 KGLO Mason City, IA
 710 KXMR Bismarck, ND 1310 KGLB Glencoe, MN
 730 KWOA Worthington, MN 1310 KNOX Grand Forks, ND
 790 KFGO Fargo, ND 1320 KOZY Grand Rapids, MN
830 WCCO Minneapolis, MN 1340 KDLM Detroit Lakes, MN
 860 KNUJ New Ulm, MN 1340 KRBT Eveleth, MN
 870 KPRM Park Rapids, MN 1340 KROC Rochester, MN
 880 WMEQ Menomonie, WI 1350 KCHK New Prague, MN
 910 KCJB Minot, ND 1350 KDIO Ortonville, MN
 920 KWAD Wadena, MN 1390 KRFO Owatonna, MN
 950 KWAT Watertown, SD 1400 KMHL Marshall, MN
 1000 KSOU Sioux Falls, SD **1400 KMNV Saint Paul, MN**
 1060 KGFX Pierre, SD 1400 KQDJ Jamestown, ND
 1080 KYMN Northfield, MN 1410 KRWB Roseau, MN
 1190 WBHA Wabasha, MN **1420 KTOE Mankato, MN**
 1210 KOKK Huron, SD 1420 KGIM Aberdeen, SD
 1220 KDDR Oakes, ND 1450 KATE Albert Lea, MN
 1230 KGHS International Falls, MN 1450 KBMW Breckenridge, MN
 1230 KMRS Morris, MN 1450 KBUN Bemidji, MN
 1230 KTRF Thief River Falls, MN 1450 WELY Ely, MN
 1230 KWNO Winona, MN 1460 KLTC Dickinson, ND
 1240 KICD Spencer, IA **1470 KMNQ Brooklyn Park, MN**
 1240 WJON Saint Cloud, MN 1480 KAUS Austin, MN
 1240 WMFG Hibbing, MN 1490 KNDC Hettinger, ND
 1240 KDLR Devils Lake, ND 1490 KOVC Valley City, ND
 1250 KBRF Fergus Falls, MN 1510 KIFG Iowa Falls, IA
 1260 KROX Crookston, MN 1570 KAKK Walker, MN
 1580 KDOM Windom, MN

1590 KDJS Willmar, MN 100.5 K263BR Park Rapids, MN (16)
 1600 KGYM Cedar Rapids, IA 100.9 WCMP-FM Pine City, MN
 1600 KDAK Carrington, ND 101.7 K269GR Marshall, MN (17)
 1700 KBBG Des Moines, IA 102.5 K273DD Spencer, IA (18)
FM 102.7 K274AL Mankato, MN (19)
 92.1 WYRQ Little Falls, MN **102.9 KMNH-HD2 Minneapolis, MN**
 93.1 K226CA Detroit Lakes, MN (1) 102.9 K275BB Roseau, MN (20)
 94.1 K231CV Fargo, ND (2) 103.1 KFIL-FM Preston, MN
 94.3 KDOM-FM Windom, MN 103.3 K277AI Russell, MN (17)
 94.3 KKIN-FM Aitkin, MN 103.5 KUAL Brainerd, MN
 94.3 KULO Alexandria, MN 103.9 W280FB Duluth, MN (21)
 94.3 K232FH Breckenridge, MN (3) 104.5 KBUN-FM Blackduck, MN
 94.5 WELY-FM Ely, MN 105.5 KMGM Montevideo, MN
 94.9 K235BP Bemidji, MN (4) 105.5 KMAV Mayville, ND
 95.1 K236CO Northfield, MN (5) 105.7 K289CE Grand Forks, ND (22)
 95.3 KIFG-FM Iowa Falls, IA 105.9 KWNG Red Wing, MN
 95.3 W237EX International Falls, MN (6) 106.3 W292EG Eau Claire, WI (23)
 95.9 K240CJ Oakes, ND (7) 106.9 KARP Dassel, MN
 96.3 K242AY Walker, MN (8) 106.9 WMOZ Moose Lake, MN
 96.3 K242CZ Valley City, ND (9) 107.1 KMGK Glenwood, MN
 96.7 KKCC-FM Bagley, MN 107.1 K296HH Jamestown, ND (24)
 96.9 K245DA Yankton, SD (10) 107.1 K296FI Pierre, SD (25)
 97.3 K247CU New Ulm, MN (11) 107.1 K296FW Aberdeen, SD (26)
 98.7 K254CM Winona, MN (12) 107.3 KNUJ-FM Sleepy Eye, MN
 99.7 K259CV Devils Lake, ND (13) 107.5 K298BM Cedar Rapids, IA (27)
 99.7 W259CG Alma, WI (14) 107.7 K299BX Morris, MN (28)
 100.3 K262AR Worthington, MN (15)

Relays: 1) KDLM 1340, 2) KFGO 790, 3) KBMW 1450, 4) KBUN 1450, 5) KYMN 1080, 6) KGHS 1230, 7) KDDR 1220, 8) KAKK 1570, 9) KOVC 1490, 10) WNAX 570, 11) KNUJ 860, 12) KWNO 1230, 13) KDLR 1240, 14) WBHA 1190, 15) KWOA 730, 16) KPRM 870, 17) KMHL 1400, 18) KICD 1240, 19) KTOE 1420, 20) KRWB 1410, 21) KDAL 610, 22) KROX 1260, 23) WMEQ 880, 24) KQDJ 1400, 25) KGFX 1060, 26) KGIM 1420, 27) KGYM 1600, 28) KMRS 1230

NATIONAL LEAGUE – CENTRAL DIVISION

CHICAGO CUBS Pat Hughes, Ron Coomer, Web: cubs.com

AM
670 WSCR Chicago, IL
800 KXIC Iowa City, IA
1050 WDJ Decatur, IL
1110 WJML Petoskey, MI
1140 KXST Las Vegas, NV
1150 KCPS Burlington, IA
1210 WJNL Kingsley, MI
1240 WFSX Fort Myers, FL
1270 WNOG Naples, FL
1300 WFRX West Frankfort, IL
1330 WRAM Monmouth, IL

1350 KRNT Des Moines, IA
1380 KCIM Carroll, IA
1400 WBAT Marion, IN
1400 KADR Elkader, IA
1440 WGEM Quincy, IL
1440 WROK Rockford, IL
1450 WFMB Springfield, IL
1450 WKEI Kewanee, IL
1450 WASK Lafayette, IN
1490 WDBQ Dubuque, IA
1490 KOMJ Omaha, NE
1540 WBNL Boonville, IN

1570 KVTK Vermillion, SD
1590 KWBG Boone, IA
1650 KCNZ Cedar Falls, IA
1660 WQLR Kalamazoo, MI

FM
93.5 KJOC Bettendorf, IA
93.7 KNTK Firth, NE
94.3 WSSQ Sterling, IL
96.5 WZPN Farmington, IL
98.3 WSVZ Tower Hill, IL
99.9 W249BP Boonville, IN (1)
101.1 W266CS Traverse City, MI (2)

101.9 WARU-FM Peru, IN
102.7 WAOR Ligonier, IN
103.1 WAKO-FM Lawrenceville, IL
104.1 K281CJ Omaha, NE (3)
104.3 WBMX-HD2 Chicago, IL
104.7 W284CV Kewanee, IL (4)
104.7 WLMD Bushnell, IL
105.3 KNOD Harlan, IA
105.9 WGKC Mahomet, IL
106.9 KUDV Bloomfield, IA

Relays: 1) WBNL 1540, 2) WJNL 1210, 3) KOMJ 1490, 4) WKEI 1450

CINCINNATI REDS Marty Brennaman, Thom Brennaman, Jeff Brantley, Doug Flynn, Web: reds.com

AM
580 WCHS Charleston, WV
600 WKYH Paintsville, KY
680 WHBE Newburg, KY
700 WLW Cincinnati, OH
800 WVHU Huntington, WV
870 WPWT Colonial Heights, TN
900 WLSI Pikeville, KY
920 WTCW Whitesburg, KY
970 WATH Athens, OH
990 WTIG Massillon, OH
1150 WLOC Munfordville, KY
1150 WIMA Lima, OH
1220 WSLM Salem, IN
1230 WCDS Glasgow, KY
1230 WHOP Hopkinsville, KY
1230 WIRO Ironton, OH
1230 WYTS Columbus, OH
1240 WFTM Maysville, KY
1240 WPKE Pikeville, KY
1240 WHIZ Zanesville, OH
1250 WCHO Washington Court House, OH
1260 WNXT Portsmouth, OH
1270 WXGO Madison, IN
1270 WAIN Columbia, KY
1270 WILE Cambridge, OH
1270 WQTT Marysville, OH
1290 WVOW Logan, WV
1300 WLXG Lexington, KY

1340 WXFN Muncie, IN
1340 WEKY Richmond, KY
1360 WMOV Ravenswood, WV
1370 WGCL Bloomington, IN
1370 WGOH Grayson, KY
1400 WCYN Cynthiana, KY
1400 WFTG London, KY
1400 WIEL Elizabethtown, KY
1400 WBTH Williamson, WV
1410 WING Dayton, OH
1420 WTCR Kenova, WV
1430 WFOB Fostoria, OH
1440 WPGW Portland, IN
1450 WTCO Campbellsville, KY
1450 WWKU Plum Springs, KY
1450 WNOS New Bern, NC
1460 WEKB Elkhorn City, KY
1480 WTLO Somerset, KY
1490 WKBV Richmond, OH
1490 WBEX Chillicothe, OH
1490 WMOA Marietta, OH
1500 WKXO Berea, KY
1550 WCVL Crawfordsville, IN
1550 WNDI Sullivan, IN
1580 WAMW Washington, IN
1580 WLPK Connorsville, IN
1590 WSRW Hillsboro, OH
1600 WZZW Milton, WV

FM
92.1 W221CS Crawfordsville, IN (1)
92.5 W223CU Richmond, KY (2)
92.5 W223CV Lexington, KY (3)
92.7 W224BR Chillicothe, OH (4)
93.5 W228DJ Ravenswood, WV (5)
94.3 WKKI Celina, OH
94.5 W233BG Cincinnati, OH (6)
95.3 WNDI-FM Sullivan, IN
95.3 W237BV Hopkinsville, KY (7)
95.9 W240CE Washington, IN (8)
95.9 W240CL Pikeville, KY (9)
96.1 W241CD Bloomington, IN (10)
96.3 W242CQ Colonial Heights, TN (11)
96.5 W243DR Charleston, WV (12)
96.7 WBVI Findlay, OH
96.7 W283AJ Marysville, OH (13)
97.1 W246CE Athens, OH (14)
97.7 W249DF Somerset, KY (15)
97.9 WSLM-FM Salem, IN
98.1 W251AI Pikeville, KY (16)
99.7 WUGO Grayson, KY
100.1 WMDJ Martin, KY
100.5 WSJD Princeton, IN
100.7 W264BY Kingsport, TN (11)
100.9 WPGW-FM Portland, IN
100.9 W265DN Richmond, IN (17)
100.9 W265CH Grayson, KY (18)
101.3 W267CP Montgomery, IN (8)

101.3 W267CW Cynthiana, KY (19)
101.3 W267CQ Marietta, OH (20)
101.5 W268CC Hillsboro, OH (21)
101.7 W269DD Munfordville, KY (22)
101.9 W270DI Columbia, KY (23)
101.9 WVOW-FM Logan, WV
102.3 W272EE Zanesville, OH (24)
102.3 WMTD-FM Hinton, WV
102.5 W273BC Williamson, WV (25)
102.7 W274CD Plum Springs, KY (26)
102.9 W275AJ Muncie, IN (27)
103.5 W278CC Berea, KY (28)
103.9 WRBI Batesville, IN
104.3 W282BZ Elkhorn City, KY (29)
105.3 W287BC Portland, IN (30)
105.3 W287CP Columbus, OH (31)
105.5 WMVR Sidney, OH
105.7 WHBE-FM Eminence, KY
106.1 WMOR Morehead, KY
106.1 W291CU Elizabethtown, KY (32)
106.7 W294CO Campbellsville, KY (33)
106.7 W294AF Ripley, WV (5)
106.9 W295BT Connorsville, IN (34)
106.9 W295CC London, KY (35)
107.1 WKFS-HD2 Milford, OH
107.1 WLRX Ironton, OH
107.5 W298BX Winterville, NC (36)
107.9 W300CB Cambridge, OH (37)

Relays: 1) WCVL 1550, 2) WEKY 1340, 3) WLXG 1300, 4) WBEX 1490, 5) WMOV 1360, 6) **WKFS-HD2 107.1**, 7) WHOP 1230, 8) WAMW 1580, 9) WLSI 900, 10) WGCL 1370, 11) WPWQ 870, 12) WCHS 580, 13) WQTT 1270, 14) WATH 970, 15) WTLO 1480, 16) WPKE 1240, 17) WKBV 1490, 18) WGOH 1370, 19) WCYN 1400, 20) WMOA 1490, 21) WSRW 1590, 22) WLOC 1150, 23) WAIN 1270, 24) WHIZ 1240, 25) WBTH 1400, 26) WWKU 1450, 27) WXFN 1340, 28) WKXO 1500, 29) WEKB 1460, 30) WPGW 1440, 31) WYTS 1230, 32) WIEL 1400, 33) WTCO 1450, 34) WLPK 1580, 35) WFTG 1400, 36) WNOS 1450, 37) WILE 1270

MILWAUKEE BREWERS Bob Uecker, Jeff Levering, Lane Grindle, Web: brewers.com

AM
550 WSAU Wausau, WI
570 WMAM Marinette, WI
580 WKTY La Crosse, WI
590 WJMS Ironwood, MI
620 WTMJ Milwaukee, WI
940 WFAW Fort Atkinson, WI
960 WTCH Shawano, WI
1100 WISS Berlin, WI
1150 WHBY Kimberly, WI
1230 WCLO Janesville, WI
1240 WJMC Rice Lake, WI
1240 WOMT Manitowoc, WI

1310 WIBA Madison, WI
1330 WHBL Sheboygan, WI
1350 WPDR Portage, WI
1360 WTAQ Green Bay, WI
1400 WRDB Reedsburg, WI
1430 WBEV Beaver Dam, WI
1450 KFIZ Fond du Lac, WI
1450 WRCO Reedsburg, WI
1550 WEVR River Falls, WI
1590 WPVL Platteville, WI

FM
92.3 WRLS Hayward, WI
92.7 WDUX-FM Waupaca, WI
92.7 W224DE Janesville, WI (1)
93.9 WDOR-FM Sturgeon Bay, WI
94.3 WQPC Prairie du Chien, WI
94.5 WKTI-HD2 Milwaukee, WI
95.1 W236CO Marshfield, WI (2)
96.1 W241CJ Shawano, WI (3)
96.5 WNWV Rhineland, WI*
96.7 K244FM La Crosse, WI (4)
97.5 WTAQ-FM Glenmore, WI
98.3 WCQM Park Falls, WI

98.3 W252DR Oshkosh, WI (5)
99.7 WWIS Black River Falls, WI
99.9 WSAU-FM Rudolph, WI
102.3 WAUH Wautoma, WI
103.3 W277CV Milwaukee, WI (6)
103.5 W278AU Appleton, WI (7)
106.1 WACD Antigo, WI
106.3 WEVR-FM River Falls, WI
106.3 W292DR Wrightstown, WI (7)
106.3 W292FA Oshkosh, WI (7)
106.7 WATQ Chetek, WI
107.3 WNXR Iron River, WI
107.7 W299CD Richland Center, WI (8)

Relays: 1) WCLO 1230, 2) WSAU 550, 3) WTCH 960, 4) WKTY 580, 5) WISS 1100, 6) **WTMJ 620**, 7) WHBY 1150, 8) WRCO 1450

Note: * denotes that Brewers' list has old call WHOH

PITTSBURGH PIRATES Greg Brown, Bob Walk, Joe Block, Web: pirates.com

AM
590 WMBS Uniontown, PA
600 WFRM Coudersport, PA
630 WJAW Saint Mary's, WV
680 WISR Butler, PA
680 WKAZ Charleston, WV
850 WNTJ Johnstown, PA
930 WRVC Huntington, WV
990 WLLI Somerset, PA
1050 WLYC Williamsport, PA
1160 WCCS Homer City, PA
1230 WBVP Beaver Falls, PA
1230 WTIV Titusville, PA
1240 WBBW Youngstown, OH

1270 WCBC Cumberland, MD
1280 WUZZ New Castle, PA*
1310 WNAE Warren, PA
1330 WETZ New Martinsville, WV
1340 WTRN Tyrone, PA
1390 WKLP Keyser, WV
1400 WJET Erie, PA
1400 WBBW Wheeling, WV
1420 WCED Du Bois, PA
1430 WVAM Altoona, PA
1430 WEIR Weirton, WV
1440 WAJR Morgantown, WV
1450 WFRA Franklin, PA
1450 WJPA Washington, PA

1450 WQWK State College, PA
1460 WMBA Ambridge, PA
1480 WCNS Latrobe, PA
1490 WESB Bradford, PA
1490 WMGW Meadville, PA
1490 WBKE Fairmont, WV**
1540 WECZ Punxsutawney, PA

FM
92.7 W224AI Loyalsock, PA (1)
92.9 W225CW Parkersburg, WV (2)
93.1 W226BE New Martinsville, WV (3)
93.7 KDKA-FM/HD1 Pittsburgh, PA
94.1 W231BS Huntington, WV (4)
94.9 W235BX Colliers, WV (5)

95.3 W237AZ Charleston, WV (5)
96.7 WLLF Mercer, PA
96.7 W244CH Rockton, PA (6)
96.7 W244DY Warren, PA (7)***
97.5 WDDH Saint Mary's, PA
98.3 W252EF Morgantown, WV (8)
100.9 W265DI Punxsutawney, PA (9)
101.1 W266CB Homer City, PA (10)
101.1 W266DB Uniontown, PA (11)
103.9 W280EW Wheeling, WV (12)
104.5 W283CR Morgantown, WV (13)
106.3 WCDK Cadiz, OH

Relays: 1) WLYC 1050, 2) WJAW 630, 3) WETZ 1330, 4) WRVC 930, 5) WEIR 1430, 6) WKAZ 680, 7) WCED 1420, 8) WNAE 1310, 9) WECZ 1540, 10) WCCS 1160, 11) WMBS 590, 12) WBBW 1400, 13) WBKE 1490

Notes: * denotes Pirates' list has old call WJST, ** denotes that Pirates' List has old call WTCS, *** denotes Pirates' list has former frequency 102.7 MHz

SAINT LOUIS CARDINALS English: John Rooney, Mike Shannon, Rick Horton, Mike Claiborne, Spanish: Polo Ascencio, Bengie Molina, Web: cardinals.com

- AM**
- | | | | |
|----------------------------------|----------------------------------|-------------------------------------|---------------------------------------|
| 540 WKFN Clarksville, TN | 1390 KCRC Enid, OK | 93.9 WCEZ Carthage, IL | 100.3 KURM-FM Gravette, AR |
| 680 WMFS Memphis, TN | 1400 WGIL Galesburg, IL | 93.9 W230BN Mayfield, KY (8) | 100.3 KUKU Willow Springs, MO |
| 730 WFMW Madisonville, KY | 1400 KREF Norman, OK | 93.9 KSSZ Fayette, MO | 100.5 KMEM Memphis, MO |
| 740 WVLN Olney, IL | 1400 KWON Bartlesville, OK | 94.1 WMIX-FM Mount Vernon, IL | 101.1 K266BS Van Buren, AR (18) |
| 790 WMC Memphis, TN | 1420 WINI Murphysboro, IL | 94.1 K231BM Poplar Bluff, MO (9) | 101.1 K266AN Atlantic, IA (19) |
| 800 KAGH Crossett, AR | 1430 WYMC Mayfield, KY | 94.3 W232DC Robinson, IL (10) | 101.3 WMSK-FM Sturgis, KY |
| 800 KVOM Morrilton, AR | 1450 WAOV Vincennes, IN | 94.3 KATI California, MO | 102.1 KTUI-FM Sullivan, MO |
| 860 WSON Henderson, KY | 1450 KIRX Kirksville, MO | 94.9 W235AC Madisonville, KY (11) | 102.3 WEBQ-FM El Dorado, IL |
| 870 WTIM Assumption, IL | 1450 KWPM West Plains, MO | 95.1 KMAQ-FM Maquoketa, IA | 102.3 WRMJ Aledo, IL |
| 870 KAAK Bethany, MO | 1450 KGFF Shawnee, OK | 95.9 KWHF Harrisburg, AR | 102.5 KEZK-HD3 Saint Louis, MO |
| 880 WIJR Highland, IL | 1460 WROY Carmi, IL | 95.9 KCOB-FM Newton, IA | 103.3 W277DB Decatur, IL (20) |
| 980 KSGM Chester, IL | 1460 KXNO Des Moines, IA | 95.9 WGGY Wickliffe, KY | 103.5 WXLT Christopher, IL |
| 990 KRMO Cassville, MO | 1490 WDAN Danville, IL | 95.9 KKBL Monett, MO | 103.5 W279AZ Jackson, TN (21) |
| 1050 KSIS Sedalia, MO | 1490 KBUR Burlington, IA | 96.1 W241CF Taylorville, IL (12) | 103.7 KJEL Lebanon, MO |
| 1070 KHMO Hannibal, MO | 1500 KPGM Pawhuska, OK | 96.1 K241CK Cape Girardeau, MO (13) | 103.7 K279AP Bethany, MO (22) |
| 1120 KMOX Saint Louis, MO | 1520 WLUV Loves Park, IL | 96.1 KITO Vinita, OK | 103.9 W280EG Peru, IL (23) |
| 1220 WLPO La Salle, IL | 1540 WSMI Litchfield, IL | 96.5 W243CU Henderson, KY (14) | 104.1 KPOC-FM Pocahontas, AR |
| 1220 KJAN Atlantic, IA | 1550 KESJ Saint Joseph, MO | 97.1 KYAL-FM Muskogee, OK | 104.1 W281BT Clarksville, TN (24) |
| 1230 WHCO Sparta, IL | 1560 WBYC Canton, IL | 97.3 KXUS Springfield, MO | 104.3 KDBB Bonne Terre, MO |
| 1230 WJBC Bloomington, IL | 1570 WTAY Robinson, IL | 97.3 KYRX Marble Hill, MO | 104.7 KRES Moberly, MO |
| 1230 KZYM Joplin, MO | 1570 WTRB Ripley, TN | 97.5 WBBA Pittsfield, IL | 104.7 WMUF-FM Paris, TN |
| 1230 WBBZ Ponca City, OK | 1580 KHGG Van Buren, AR | 97.5 KNMO Nevada, MO | 104.9 K285AY Havana, AR (25) |
| 1240 KTLO Mountain Home, AR | 1580 KTGR Columbia, MO | 97.5 KOEA Doniphan, MO | 104.9 KYTN Union City, TN |
| 1240 KWAK Stuttgart, AR | FM | 97.7 WREF Seabee, KY | 104.9 W285FL Ripley, TN (26) |
| 1240 WTAX Springfield, IL | 92.1 W229AU Fairfield, IL (1) | 97.9 KBXB Sikeston, MO | 105.1 WGEM-FM Quincy, IL |
| 1240 KNEM Nevada, MO | 92.3 KSAR Thayer, MO | 97.9 KFBD Waynesville, MO | 105.1 K286CL Columbia, MO (27) |
| 1250 KBTC Houston, MO | 92.5 K223CR Morrilton, AR (2) | 98.5 WQKZ Ferdinand, IN | 105.3 W287BY Rockford, IL (28) |
| 1280 KCOB Newton, IA | 92.5 KPPL Poplar Bluff, MO | 98.5 KWKJ Windsor, MO | 105.5 KYEL Danville, AR |
| 1290 WIRL Peoria, IL | 92.7 KASR Vilonia, AR | 99.1 KMA-FM Clarinda, IA | 105.5 WREZ Metropolis, IL |
| 1310 WDXI Jackson, TN | 92.9 WSEI Olney, IL | 99.1 WCBL-FM Grand Rivers, KY | 105.9 WOKZ Fairfield, IL |
| 1340 KBTA Batesville, AR | 92.9 WMFS-FM Bartlett, TN | 99.1 K256CP Bartlesville, OK (3) | 106.5 KTMO New Madrid, MO |
| 1340 WJPF Herrin, IL | 93.3 WQTY Linton, IN | 99.3 K257GC Burlington, IA (15) | 106.7 WYFX Mount Vernon, IN |
| 1340 WSOY Decatur, IL | 93.3 K227CQ Bartlesville, OK (3) | 99.3 K257DA Norman, OK (16) | 106.9 W295BQ Litchfield, IL (29) |
| 1340 WNBS Murray, KY | 93.5 WSJK Tuscola, IL | 99.3 WZLT Lexington, TN | 107.1 WEAL Lynnnville, IL |
| 1340 KSMO Salem, MO | 93.5 W228DL Springfield, IL (4) | 99.7 KTTR-FM Saint James, MO | 107.1 W296BV Newton, IL (30) |
| 1340 KXEO Mexico, MO | 93.5 W228DP Murphysboro, IL (5) | 99.7 K259BF Kirksville, MO (17) | 107.5 W298CD Shelbyville, IL (12) |
| 1360 KFFA Helena, AR | 93.7 W229BO Galesburg, IL (6) | 99.9 KIRK Macon, MO | |
| | 93.7 W299BZ Canton, IL (7) | | |

Relays: 1) WROY 1460, 2) KVOM 800, 3) KWON 1400, 4) WTAX 1240, 5) WINI 1420, 6) WGIL 1400, 7) WBYS 1450, 8) WYMC 1430, 9) KPPL 92.5, 10) WTAY 1570, 11) WFMW 730, 12) WTIM 870, 13) KYRX 97.3, 14) WSON 860, 15) KBUR 1490, 16) KREF 1400, 17) KIRX 1450, 18) KHGG 1580, 19) KJAN 1220, 20) WSOY 1340, 21) WDXI 1310, 22) KAAK 870, 23) WLPO 1220, 24) WKFN 540, 25) KAGH 800, 26) WTRB 1570, 27) KTGR 1580, 28) WLUV 1520, 29) WSMI 1540, 30) WVLN 740

All FM HD flagship information comes from the official HD Radio Web site. That will put the wraps on this edition of SportChannels; in the next edition, we'll feature the network lists from the American League East and National League East. 73 and play hard from NØUIH, the Florissant Valley Dial Twister.



2018-2019 IRCA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212
Email: NancyJohnson@prodigy.net

April 15 2019 – Contest Standings

1. Greg Hall	234	3. Tim Noonan	191	5. Phil Bytheway	153	7. Nigel Pimblett	88
2. John C Johnson	233	4. Dennis Vroom	167	6. Nancy Johnson	93	8. Larry Van Horn	51

The contest will end 2359 on May 31 2019 so there are just a few weeks left to log stations! – Nancy

THE INTERNATIONAL RADIO CLUB OF AMERICA
PO Box 60241, Lafayette LA 70596
<http://www.ircaonline.org>

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 October through March, twice monthly from April to October.) **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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