
THE FEEDLINE

Volume 45, Issue 1 The Voice of the Western Illinois Amateur Radio Club January 2021

From the desk of the President aka Danny's Dungeon

I want to wish everyone a Happy New Year and hope you had an enjoyable Christmas, how ever you celebrated this year. This has been a challenging year for most and in many different ways. My lifestyle has not changed all that much; we don't go out to eat as often, and of course, radio club meetings have been few and far between. I know many others in the same boat, as well as some that have seen their lifestyle change dramatically.

This next year will very likely start out as 2020 ended, with online meetings and no hamfests to attend. If that is the case, you may look at the QSO Today Virtual Ham Expo, March 13 and 14. I caught quite a bit of the first one last fall, and there was a lot for the ham to take in, almost everything other than a flea market. Lots of vendors (online sales of course), many seminars and almost unlimited chat rooms for about any ham radio topic you might be interested in. If you can't attend in real time, they placed almost all of the seminars online after the fact, and you can view them at your leisure. This may not be everyone's cup of tea; but if you are missing that aspect of ham radio, you will be surprised how interesting it actually is.

I want to thank those that have gone out of their way getting to meetings, both online and in person. We will probably continue to do the social distancing thing (I really think that term is an oxymoron) for the foreseeable future, but there seems to be a dim glow at the end of the tunnel.

We still have no way of knowing what the new year will bring, but we will have several choices about how we handle our meetings and activities. I will be asking all of you about how we proceed as the time comes.

The January meeting will be online again, Wednesday January 6, 7:00 PM, either on Zoom or Goto Meeting. Details will be announced on the club email reflector. Until then, be careful and get on the air whenever you can.

Danny W9DP

K9FHX Obituary:

Some had asked about a link to Dave Gill's obituary:

<https://www.facebook.com/photo?fbid=10217826922694794&set=pcb.10217826923694>

Moved and Seconded: Minutes of the December 2020 WIARC Meeting

The regular December meeting of the Western Illinois Amateur Radio Club was called to order on December 2 by President NR9Q with at least 21 members checking in through GoToMeeting set up and organized by AB9QW who deserves special thanks for making things go so smoothly. His list of those checking in will be attached to the original set of minutes.

The minutes of the November meeting were accepted by motion made by W9GQK and seconded by KB9FIN.

W9DP stated that NB4C had uploaded several versions of possible new club logos for review and comment.

K9VXD reported that at the end of October the club had \$1714 worth of receipts, \$645 worth of expenses for a net of \$1069 for the year to that date. He also reported that he received a check from a ham who paid for his 2021 dues but did not want his name on the membership list or in any other things online. Discussion followed the report was accepted on motion by WB9EWM and seconded by KB9FIN. N9JF moved that the individual's name not be mentioned in the minutes on line. The motion was seconded by W9WE and passed.

Because of the COVID 19 pandemic it was suggested that 2021 dues checks be sent to K9VXD at his address shown on the club roster.

The repeater committee reported that there was nothing new except getting the dues paid for the Illinois Repeater Association dues.

The station committee reported that they still can't get into the clubroom because of the COVID 19 shut down at the Red Cross.

N9JF reported 456 logs with over 56,000 contacts had been submitted for the Illinois QSO Party. He and WA9GBC will go through the logs to check for duplicates, etc.

It was brought up that in prior years the club had made several end of year charitable contributions. N9JF moved that contributions be made this year as the same done in the past, WB9EWM seconded the motion and it passed.

With regard to the annual dinner, it was announced that we would simply continue to play it by ear for possible meeting in April.

There were no applications for membership.

W9WE announced that the next testing session would be held February 6 at 1 PM at the Bethel Assembly of God Church.

Net Control stations: January 6 W9DP January 13 NR9Q January 20 N9JF
January 27 NR9Q February 3 W9DP

The meeting then moved to election of officers. The nominating committee consisted of W9DP and N9JF. The slate of officers proposed by the committee was

President W9DP
Vice-President W9WE
Secretary N9JF
Treasurer K9VXD.

Nominees for the repeater board were KB9FIN and WB9EWM.
There were no nominations from the floor for any position.

KB9FIN moved that W9DP be elected President, the motion was seconded by WB9EWM and passed. WB9EWM moved and W9DP seconded that W9WE be elected VP. Motion passed. KB9FIN moved that N9JF be elected Secretary. The motion was seconded by WB9EWM, voted upon and passed. KB9FIN moved that K9VXD elected Treasurer. The motion was seconded by W9GQK, voted upon and passed. W9WE moved to elect KB9FIN and WB9EWM to regular terms on the repeater board. The motion was seconded by N9UPG, voted upon and passed.

The 2020 officers were thanked for their service.

The meeting was adjourned on motion by N9UPG, seconded by KB9FIN and passed.

Respectfully submitted,
W9EMR, Secretary

In attendance: NR9Q W9DP NB4C AA9GL W9EMR K9VXD KB9FIN AB9QW W9WE
W9WEB AB9DU N9UPG W9GQK WB9EWM KC9FSQ KB9WDC KA0SNL KE7RR
NA9Q KB9WFC KD9NET N9JF

Amateur Radio License Examination Opportunities In Quincy,IL.

Our team operates under authorization by the ARRL Volunteer Examiner Coordinator.

The WIARC (Western Illinois Amateur Radio Club) Team offers examination sessions a minimum of four times a year, in February, May, August and November. Examination dates are published at the beginning of each calendar year. Additional test sessions may be scheduled as desirable.

Scheduled test session dates for 2021 are:

February 6th at 1:00 PM with a registration* deadline of February 5th

May 8th at 1:00 PM with a registration* deadline of May 7th

August 7th at 9:00 AM with a registration* deadline of August 6th

Nov 6th at 1:00 PM with a registration* deadline of November 5th

A reservation for any of the above test sessions may be made by call/leave message. Email to the WIARC VE Team Liaison, Dave Scranton, W9WE, at

210-325-7923 or **w9we.lee@gmail.com**

These dates and times have been listed on ARRL website. <http://www.arrl.org/find-an-amateur-radio-license-exam-session>

At this time it is planned that the test sessions will be held at Bethel Assembly of God Church. 12th & Jefferson, Quincy IL 39°55'16.7"N 91°23'45.4"W
<https://goo.gl/maps/Q374RRzVADFAF1Wu6>

Please be aware that a change in location for any session is always possible due to unforeseen circumstances. Please recheck for the latest information or notice of a change in time or location for a session.


Candidates must bring the following items to the session:

A valid & legible written email address for contact information. Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021.

If no email address is included, the FCC may dismiss the application as defective. The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail. This is a new FCC requirement.

Applying for a new Amateur Radio license?

Register in **CORES** (COmission REgistration System) and receive your FRN (Federal Registration Number) before sitting for your exam to ensure your new license is processed quickly and easily through the FCC's ULS (Universal Licensing System). To conduct business with the FCC, you must register through FCC CORES and be assigned an FRN. This number will be used to uniquely identify you in all transactions with the FCC.

View the FCC web page **New Users guide to ULS** for step by step instructions on the registration process or the **Commission Registration System Video Tutorials** page for videos that help guide CORES users through a variety of situations.  For assistance, submit a help request on the FCC website on the **FCC's Support Services** page or call FCC at 877-480-3201 (Mon.-Fri. 8 a.m.-6 p.m. ET)

No one may take an amateur exam for another person. It is essential that the VE Team checks a candidate's identification (ID) before allowing the candidate to sit for an exam. The candidate must present a legal photo ID. This requirement is usually met with a driver's license, but it can be a passport or other legal identification card with the candidate's photo on it.

When no photo ID is available, the candidate must present any two of the following:

- Non-photo ID/driver's license (some states still have them);
- Social Security Card;
- Birth certificate (must have the appropriate seal);
- Minor's work permit, school report card, school ID card or library card;
- Utility bill, bank statement or other business correspondence that specifically names the person; or

- Postmarked envelope addressed to the person at his or her current mailing address as it appears on the Form 605

2021 test fee of \$15.00 (exact cash or check, cash preferred); two soft lead pencils; a ball point pen.

Original and a photocopy of any currently held FCC amateur radio license, original and a photocopy of any current (CSCE)

Certificate of Successful Completion of Examination. In addition, a candidate may bring and use a non-programmable calculator.

*NOTE: Although walk-in candidates will be accepted at each session on a space available basis, reservations are strongly advised. Standard policy is that if there are no pre-registered candidates by the registration date, the session will be cancelled without further notification. All examiners are volunteers and donate their time and talents to provide the testing service. It is a small courtesy to them for you to register your intention to attend a given session.

Dave Scranton W9WE

DX News and Notes cheerfully purloined from ARLD051 DX news:

SB DX @ ARL \$ARLD051 ARLD051 DX news ZCZC AE51 QST de W1AW
DX Bulletin 51 ARLD051 From ARRL Headquarters Newington CT December 18, 2020
To all radio amateurs: SB DX ARL ARLD051 ARLD051 DX news

This week's bulletin was made possible with information provided by The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

SRI LANKA, 4S. Members of the Radio Society of Sri Lanka, formerly known as the Radio Society of Ceylon, celebrates its 70th anniversary with stations adding /70 to their call signs. QSL via operators' instructions.

OGASAWARA, JD1. Harry, JG7PSJ is QRV as JD1BMH from Chichijima, IOTA AS-031, and plans to be here until January 9, 2021 unless plans change. Activity is on 40 to 10 meters using CW, SSB and RTTY. QSL direct to home call.

ALASKA, KL7. Jim, KL7KK is QRV from Bethel and is generally active on 80 meters using SSB around 1500 to 1600z and then from 1700 to 1900z, daily. QSL to home call.

NETHERLANDS, PA. Special event station PH20XMAS is QRV until January 3, 2021. Special event station PH21HNY is QRV until January 31, 2021. QSL both calls via bureau.

SLOVENIA, S5. Members of the Radio Club Elektron Brezice are QRV with special event station S520SAFE until January 31, 2021 to support the STAY SAFE campaign and to express their gratitude to medical staff and care workers. QSL direct to S56IPS.

POLAND, SP. Members of team SP2PBM are QRV with special event call sign HF2021HNY until January 10, 2021. QSL via SP2PBM.

GREECE, SV. Nine multi operator special event stations, SX1A, SX2A, SX3A, SX4A, SX5A from Dodecanese, SX6A, SX7A, SX8A, and SX9A from Crete, are QRV in the countdown towards celebrations of the 200th anniversary of the Hellenic War of Independence in 1821. QSL via operators' instructions.

SOUTH SUDAN, Z8. Diya, YI1DZ is QRV as Z81D from Juba. Activity is on 80 to 10 meters, and possibly 160 meters, using SSB and FT8. QSL via OM3JW.

Please see December QST, page 63, and the ARRL and WA7BNM contest web sites for details.

NNNN
/EX

From: ARRL Web site <memberlist@www.arrl.org>

Date: December 2, 2020 at 14:48:37 CST

To: w9we.lee@gmail.com

Subject: ARLB038 FCC to Require Email Addresses on Applications

SB QST @ ARL \$ARLB038

ARLB038 FCC to Require Email Addresses on Applications

ZCZC AG38 QST de W1AW ARRL Bulletin 38 ARLB038

From ARRL Headquarters Newington CT December 2, 2020

To all radio amateurs SB QST ARL ARLB038

ARLB038 FCC to Require Email Addresses on Applications

Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021.

If no email address is included, the FCC may dismiss the application as defective.

The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail.

A Report and Order (R&O) on "Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services" in WT Docket 19-212 was adopted on September 16. The new rules will go into effect 6 months after publication in the Federal Register, which hasn't happened yet, but the FCC is already strongly encouraging applicants to provide an email address.

When an email address is provided, licensees will receive an official electronic copy of their licenses when the application is granted.

The Report and Order can be found in PDF format online at,

<https://www.fcc.gov/document/fcc-adopts-electronic-licensing-report-and-order>

Under Section 97.21 of the new rules, a person holding a valid amateur station license "must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name." For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license will have to show the grantee's correct name, mailing address, and email address. "The email address must be an address where the grantee can receive electronic correspondence," the amended rule will state. "Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address." NNNN /EX

I participated in this event last fall and it surprised me how much I enjoyed it.

<https://www.qsotodayhamexpo.com/>

March 13 and 14, a virtual Ham Expo. Last year's event was free, this year it is \$10.00 for early ticket sales, \$12.50 the day of the event. The cost covers both day as well as all the online features that last for 30 days after the live event ends.

Danny W9DP

Ham Radio Podcasts

Since we are still not getting out as much as we might want to, here are a few items to help pass the time spent sitting at home with nothing to do.

First, get on the air. I mean, we are supposed to be radio operators, aren't we? If something prevents you from getting on the air, you might find some of these podcasts interesting. I asked NR9Q to list a few that he likes, and I have added a few I have listened to. We both have others we intend to listen to sometime.

Ham Radio Workbench [Ham Radio Workbench Podcast - Ham Radio Workbench Podcast Episodes](#)

Ham Radio 2.0 [Ham Radio 2.0 - LIVE! From the Hamshack](#)

Ham Radio Crash Course [Ham Radio Crash Course \(hrcc.stream\)](#)

ARRL Audio News [ARRL Audio News](#)

QSO Today – [QSO TODAY AMATEUR RADIO PODCAST - QSO Today Podcast](#)

Ham Nation - [Ham Nation | Excitement & Importance of Ham Radio | TWiT](#)

100 watts and a wire – [100 Watts and a Wire](#)

Solder Smoke [SolderSmoke](#)

Linux in the Ham Shack [Linux in the Ham Shack | Linux, Open Source and Amateur Radio for Everyone \(lhspodcast.info\)](#)

Amateur Logic [AmateurLogic.TV – Ham Radio & Technology](#)

Amateur Radio Roundtable – [W5KUB.COM – Bringing ham radio to you \(tmedlin.com\)](#)

No Nonsense Amateur Radio Podcast [No Nonsense Amateur Radio Podcast – No nonsense takes on amateur radio by Dan, KB6NU and Tom, KB5RF](#)

There are many good podcasts available on YouTube as well as audio only and many ham radio video blogs (vlogs) as well:

Ham Radio Guy – G0KSC - Antenna Design & Ham Stuff
Jim W6LG
Dave Tadlock
Dave Casler
HamRadioConcepts
Stan Gibilisco
KB6NU's Amateur Radio Classes
Andreas Spiess
VE6WZ
TRX Bench

These are just a few of the offerings to be found on the web. Podcasts are usually easiest to find using a podcast player app on a smart phone, tablet or desktop computer, but many are available directly from a web page. Most may be downloaded and listened to at a later time, such as when you are working, at night when you can't sleep or while driving. YouTube videos usually need to be watched "live", that is, they cannot easily be downloaded (but there are ways to do it).

Share some of your favorite HAM Radio podcasts. Thanks to NR9Q for his input on putting this article together. Danny W9DP

Subject: Common mode Chokes - Making and Testing

One of our members put this out for making/testing common mode chokes, but there's much more there....might take all day to scroll through everything.

Might be a good link for the Feedline...

<https://www.youtube.com/results?search_query=trx+bench+balun>

Bob NB4C

2020 ILQP Results Posted!

Thanks in large part to WA9GBC's wizardry with Excel, the 2020 ILQP logs have been processed!

The category winners are as follows:

2020 ILQP PLAQUE

WINNERS:

IL FIXED HIGH POWER	K9CT
IL FIXED LOW POWER	K9PG
NON-IL HIGH POWER	K1RO
NON-IL LOW POWER	N8II

DX	OM2VL
MOST PHONE QSOs	K2DRH
MOST CW QSOs	AD4EB
MOST MIXED QSOs	K9CT
IL MOBILE	AD4EB
IL ROVER	N9C (N0AC)
IL 2 COUNTY LINE	
PORTABLE	KD0NEO/9
	W9AIU (WA0JCO,
IL PORTABLE	WB0SND)

Details and certificate winners will be posted on the club website, including Edible Winners. Congratulations to all who participated!

Upcoming Contests:

Straight Key Night: NOT a contest, but dust off your straight key beginning on New Year's Eve and make some noise. Call "SKN" and prepare for a lot of action!

ARRL Kids' Day: Jan 2, 1800z – 2359z

NAQP CW: Jan 9, 1800z to Jan 10 0559z

NAQP SSB: Jan 16, 1800z to Jan 17, 0559z

(Great ways to work all states on multiple bands!)

ARRL January VHF Contest: Jan 16, 1900z to Jan 18, 0359z

CQ 160 Meter Contest CW: Jan 29, 2200z to Jan 31, 2200z.

There are a bazillion other contests during January, Check out WA7BNM's Contest Calendar. <https://www.contestcalendar.com/contestcal.html>

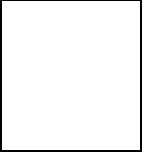
State QSO Party Challenge

The 2020 version of this has just completed and was apparently a major reason for our significant increase in logs submitted for ILQP in 2020. More fun and games are planned in 2021.

<http://stateqsoparty.com/>

The annual State QSO Party Challenge recognizes all radio amateurs' participation in the U.S. State and Canadian Province QSO parties. It is open to any radio amateur who participates in any of the approved State QSO Parties (SQPs). Participants must simply submit their scores to 3830Scores.com to be included in the Challenge.

**Western Il. Amateur Radio Club
PO Box 3132
Quincy, IL 62305-3132**



**January meeting: Wednesday, January 6,
2021**

**Meeting will be “virtual” using GoToMeeting.
Watch the club reflector for meeting details.**

**W9AWE – W90AB
The Western Illinois Amateur Radio Club, Inc.
WIARC homepage: <http://www.w9awe.org> e-mail to w9awe@qsl.net
WIARC email reflector: wiarc@mailman.qth.net**

**Sponsors of
Voice repeater W9AWE/R on 147.630/.030 Quincy
Voice repeater W9AWE/R on 146.340/.940 Quincy
Voice repeater W9AWE/R on 448.900/443.900 Quincy
147.03 and 448.9:103.5 sub-audible tone; 146.94 123.0
D-STAR repeater W9AWE on 147.795/.195
D-STAR 446.89375/441.89375**

ILLINOIS QSO PARTY

**Newsletter input due by the 20th of the preceding month
Editor Jim Funk N9JF
n9jf@arrl.net**