
THE FEEDLINE

Volume 46, Issue 7 The Voice of the Western Illinois Amateur Radio Club July 2022

Notes from the Dungeon of the President

Summer is upon us and with it brings the heat and humidity. Not necessarily a good thing if you have to work outside, but not too bad if you can stay inside and play radio. Propagation has been a mixed bag: a little of something for almost everyone from some decent DX, Sporadic E allowing short skip on several upper HF bands (as well as VHF), tropospheric ducting on VHF and UHF with a little thunderstorm activity to have to keep an eye out for.

Sporadic E has been fairly decent this year, but it does not seem to be affecting 10 meters as much as it did last summer. I was able to complete WAS on 10 meters last summer because of the Es-induced short skip on 10 meters. I did take advantage of short skip to work my last couple of states on 15 meters and complete my 5 Band Worked all States. I think I have 1 state left on 17 meters and 4 on 12 meters with a dozen or more states left on 160 to have WAS on all the HF bands. Not a huge accomplishment; but with my small antenna farm, I am quite happy to get there.

Field Day is rapidly approaching and we will again be operating from the club station at the Red Cross. For those that do not want to get out and help with the group effort there, you can again operate Field Day from home and contribute your score to the club effort. This will be the first real chance to use the new multi-band beam that was install late last summer. I believe members from the Hannibal Amateur Radio Club will be joining us again this year, and that always leads to a good time and a little story telling. The repeater committee has put a Yaesu Fusion repeater in the place of the D-Star system on 147.195 and it is set for dual mode, C4FM and analogue FM. Give it a try and let the repeater board know what you think. The sub-audible tone is 103.5 and coverage should be fairly decent. The 147.195 antenna is on the west leg of the KHQA tower at 220 feet. The 443.900 repeater is still on the air and running both C4FM and analogue FM as well. 147.030 is running analogue FM only as is 146.940. The 146.940 repeater will eventually have to move to a different location as the tower it has been on for years will be taken down.

I hope to see you at the July meeting and to hear a recap of our Field Day activity. See you July 6 at the Red Cross. Danny W9DP

Moved and Seconded: Minutes of the June 2022 WIARC meeting

The June 2022 meeting of the WIARC was held June 1, 2022 at the American Red Cross building. The meeting was called to order at 7 pm by President W9DP with the following members present:

W9DP N9JF KD0DKE KM9DX WM4D K9VXD WB9EWM K9AJC WA9GBC W9GQK AA9GL KB9YN KA0SNL NR9Q KE0OAA WA0VHI W9WE (ZOOM)

Minutes of the May meeting were approved as printed in *The Feedline* on a motion by WB9EWM seconded by NR9Q and carried

Treasurer's Report by K9VXD; 1112 INC 1924 EXP (813) year to date *Estimated net worth figure presented by not part of published minutes.*

Approved on a motion by KB9YN seconded by KD0DKE and carried

Committee reports:

Repeater Board by WB9EWM; still trying to get ahold of ICOM; now has a contact; no way to check in analog mode; have sent the serial number to the contact; board has set the repeater for 20 watts out; 14 out of duplexer; ERP 30 watts; 147.195 now with 103.5 hz tone; plan to do more cleanup; will try to put 440 machine into a cabinet with an existing 144 machine; WGEM still doesn't know when they will be moving; .195 will also do digital; users should program *both encode and decode with the subaudible tone!* Need to update the repeater info on the website. Repeater Board can give this information to the webmaster.

Contest Committee; Field Day is coming up; must have a conversation with JD to see if we can use the facility; Eric Lorenz may also be a contact; ARRL Digital Mode Contest upcoming; (any digital mode except RTTY); all bands through 6 meters except WARC bands

Field Day: N9JF will coordinate; NR9Q AA9GL KB9YN W9WE; will post info to the club reflector

Station Committee; W9DP: beam looks good on the high bands, including 6 meters; club station is available during normal hours; might be a good idea to have a refresher course for members

VE report: next test session is in August; last session: Alex Rankin upgraded to Extra and Ryan Thurm KD9VBJ General

Old Business: Secretary of State Registered Agent is now N9JF and annual report is filed; New issue of Tech License Manual is now available; W9DP will procure the previously-approved \$250 worth of reference material for donation to the Quincy Public Library.

Applications for Membership; none

NCS Stations: June 8 WB9EWM June 15 W9DP June 22 WM4D June 29 W9DP July 6 W9DP July 13 N9JF July 20 WB9EWM July 27 WM4D Aug 3 W9WE

Meeting adjourned at on a motion by WB9EWM seconded by NR9Q and carried

Respectfully submitted, N9JF Secretary

Miscellaneous from W9WE:

I am looking forward to field day this Saturday-Sunday. I am still working on cw study approach.

I have sent in my information to become a CW Ninja. That's about as good as joke as you get this month. Take a look 👁👁 maybe you're a ninja ☐ too. 73

<https://morsecode.ninja/advice/#LearningApproachToQRQ>

Upcoming testing:

-
- 08/06/2022 | [Quincy IL 62301](#)
Sponsor: Western Illinois Amt Radio
Location: Bethel Assembly of God Church
Time: 1:00 PM (Walk-ins allowed)
- EXAM SESSION
11/05/2022
Sponsor: Western Illinois Amt Radio
Location: Bethel Assembly of God Church
Time: 1:00 PM (Walk-ins allowed)

Dave Scranton
W9WE

Upcoming event: IARU World Championship

This is a fun, 24-hour, everybody-works-everybody activity. You can pick either SSB or CW or mixed mode. Exchange is your ITU Zone (ours is Zone 7, just barely....). KC1PR and I operated this one from a park in West Virginia MANY years ago. He won West Virginia for phone only, and I won for mixed mode. We hauled NA9Q's TH3 Jr all the way to WV on top of the station wagon and hoisted it up into a tree in the pouring rain. It's still the wettest I've ever gotten while operating a contest! De N9JF

<http://arrl.org/iaru-hf-world-championship>

DX News shamelessly stolen from *ARRL DX News*

SB DX @ ARL \$ARLD025 ARLD025 DX news From ARRL Headquarters Newington CT
June 23, 2022 To all radio amateurs

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.

YEMEN, 70. David, DL7ZM is QRV as 70/DL7ZM from Socotra Island, IOTA AF-028, until July 3. Activity is on 10 meters using CW and FT8, and on 6 meters as well. QSL via QRZ.com

ALGERIA, 7X. Special event stations 7R19MG and 7Y19MG are QRV until July 5 for the 19th edition of the Mediterranean Games to be held in Oran. QSL via IK2DUW and 7X2VFK, respectively.

ST. PIERRE AND MIQUELON, FP. Eric, KV1J will be QRV as FP/KV1J from Miquelon Island, IOTA NA-032, from June 28 to July 12. Activity will be on the HF bands with a focus on 60 and 6 meters. This includes being an entry in the upcoming IARU HF Championship contest. QSL to home call.

THAILAND, HS. Jerry, HS0ZOY is QRV from Buri Ram. He is active on 160 to 10 meters. QSL to home call.

OGASAWARA, JD1. Koh, JD1AJD is QRV until July 2. Activity is on 20 to 6 meters using CW, FT8, and FT4, with a focus on 6 meters. QSL via JA1ADT.

PERU, OA. Daniel, IK2SGL is QRV as OA9DVK until the end of August. Activity is on the HF bands using CW and SSB. QSL via IK6BFH.

MARKET REEF, OJ0. Henri, OH3JR and Pertti, OG2M will be QRV as OJ0JR and OJ0MR, respectively, from June 26 to July 6. They are here on work assignment. Activity will be in their spare time on the HF bands using CW, some SSB, and FT8. QSL OJ0MR direct to OG2M and OJ0JR via OH3JR.

GREENLAND, OX. Bo, OZ1DJJ will be QRV as OX3LX from Upernavik Island, IOTA NA-134, from June 27 to July 11. Activity will be on the HF bands with a focus on 6 meters and 4 meters. QSL via OZ0J.

GREECE, SV. Rolf, HB9TUP is QRV as SV8/HB9TUP from Naxos Island, IOTA EU-067. Activity is on the HF bands. His length of stay is unknown. QSL direct to home call.

MACQUARIE ISLAND, VK0. Matt, VK5HZ is QRV as VK0MQ and will be stationed here for a few months. Activity is in his spare time on the HF bands using SSB and FT8. QSL via LoTW.

Please see June 2022 QST, page 69, and ARRL and WA7BNM Contest web sites for details. NNNN /EX

Another upcoming event: Canada Day!

The 2022 Radio Amateurs of Canada (RAC) Canada Day Contest starts at 0000 UTC on July 1 and will run for 24 hours. Participants should note that special call signs will be on the air during the event in honor of the Queen's Platinum Jubilee. The call signs will be available to all Canadian amateurs who wish to use them for any event including Field Day, the RAC Canada Day Contest, and the IARU HF World Championship. Complete rules are available at www.rac.ca/contesting-results/.

A recent net report from W9WE (as an example of a report to W9DP):

1st June 2022	WIARC NET ARES	W9WE NC	
147.03 repeater		443.900	
KA9WTK	JOHN	NR9Q	CHRIS
W9GQK	STEVE	KB9MUV	GERRY
WB9EWM	JOHN	KE0OAA	JODY
K9AJC	ALLEN	AA9GL	RON
KE0OAA	JODY	KB9YN	RON
KB9MUV	GERRY	KD0DKE	SCOTT
KB9YN	RON	KA9WTK	JOHN
KM9DX	DREW		
N9JF	JIM		
WM4D	KEN		
AA9GL	RON		
NR9Q	CHRIS		
KE0MHJ	REX		
KD9LOQ	GARY		
K9VXD	ARNOLD		
KD0DKE	SCOTT		
KE7RR	JOE		

Field Day report de N9JF

After being COVID-disabled for the last two years, it was great to get back to a “real” Field Day gathering this past weekend! It occurred to me at some point that it had been seven years since I personally operated FD from Quincy. In 2016 and 2018, we were hosted by the Hannibal Club. In 2017, Melba and I were in the Yukon. In 2019, we were in Seattle at W7FLY’s setup.

A good number of members showed up to do preliminary investigations, set up on Saturday, operate and tear down on Sunday. (I hope I’m not missing anyone....). Those who checked in included KB9FIN, W9US, NR9Q, WM4D, W9WE, AA9GL, WA9GBC, K0CA, WA0VHI, K9VXD, KA0SNL and K9AJC and N9JF.

There were a number of very positive outcomes. Everything “worked”. WA9GBC and NR9Q brought extra equipment to make the digital operations run smoothly. Several brought headphones and paddles. (W9WE, you sold me on the noise-canceling headphones!) KB9FIN and WA9GBC brought yummy doughnuts for Sunday morning. Thanks!

Those who came did so with a spirit of “what can I do?”. Just about everyone made some contacts on one or more modes. Cooperation was great! I especially appreciated the fact that some were willing to do a long overnight shift to keep things going, especially since I had to leave early.

Quote of the day (on Monday) from W9WE: "If I had known how I was going to feel this morning, I would have started drinking on Saturday night." Yes, Dave, it was a long slog.... You da man!

I think we were heard well. Not many stations just kept CQing when we called them (on CW at least). There were some good runs. The beam seemed to work well.

We went "simple". No extra antennas were erected except for the station setup contributed by NR9Q for 6 meter digital. Therefore, the "teardown" was simple and quick. A super THANKS to all who stuck around to tear down and clean up. I think we left the place in at least as good a condition as we found it.

We were visited briefly by some of the Red Cross blood people, so we qualified for "visit by representative of a served agency."

Someone posted our plans on Facebook. I have to locate that posting to claim credit for publicity....

Some "not-as-good-as-it-could-have-been" stuff:

Band conditions were pretty awful. There were no remarkable sporadic-E conditions on 6 meters or the high bands in general. The K index was 4 during much of the event. Band noise was high. We had to shut down for half an hour or so on Saturday night due to thunderstorms in the area. Those are things over which we have no control.

Local electrical noise remains a problem. It was much worse in the building than it was in my car on the west side of the parking lot. There are so many electronics in the building that it is very difficult to determine the major problem(s) with this.

Interference between stations was an issue. We managed to get along with it by coordinating who was on which band and when, but it was a continual item. We had band-pass filters available, and I should have used them sooner. They did help. Having another wire antenna available that would cover down to 80 meters and be oriented at 90 degrees to the existing wire might be worth considering next time.

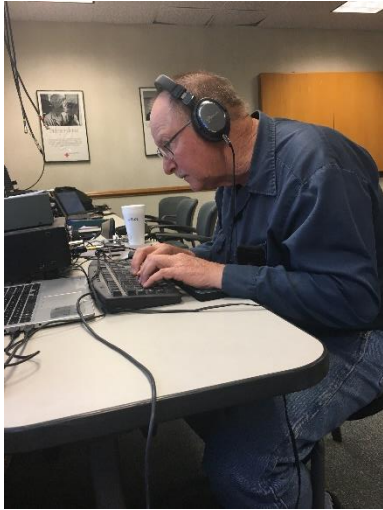
I didn't spend enough time in advance figuring out where we should get bonus points. No one was assigned the job of copying the W1AW FD bulletin. I copied some of it in my head Saturday morning while I was driving, but that wasn't good enough....

The only HARC member (also a WIARC member) who came from Hannibal was K0CA, Thanks immensely, Cliff, for your time and efforts on CW!!

The logs from the individual modes have been pulled off, but I haven't merged them yet. I think we had around 1062 Qs total: 246 SSB, 433 CW and 383 digital.

I'm hoping to get feedback/criticism from many who attended and helped. Thanks so much, all of you!

73, Jim N9JF



**A few of the W9AWE CW operators.... W9WE, K0CA and N9JF (with K0CA).
(Pictures by WM4D, who also made some CW contacts....)**



AA9GL and NR9Q hold down the SSB operation. (Photo by WM4D)



W9WE, KB9FIN, K9VXD, K9AJC, AA9GL (Photo by WM4D)



"Dave squared": WA9GBC and KB9FIN (Photo by WM4D)



WA9GBC rides herd on the FT8 station. (Photo by WM4D)



KB9FIN chases on SSB. (Photo by WM4D)



Our beautiful "skyhook" and picturesque clouds. (Photo by WM4D)

N9G World-wide Flora and Fauna Mosquito Madness weekend.

The weekend prior to Field Day, N9JF participated in a park activation event coordinated by WWFF. My time was a bit limited, but I activated a total of ten parks and made about 500 contacts as “N9G”.

These activations pose an extra challenge: I have to remember which call to sign! In addition, the animals have to be corralled. Some of you have met the operators: Ringo the RF Duck (CW), Clyde (SSB) and Buzz (digital). Buzz doesn’t make much of a fuss, but Ringo and Clyde are constantly jockeying for operating time. In addition, there is a certain amount of the other sort of conflict one would expect from “kids in the car”:



“He’s touching me!” “Your feet smell!” “Are we there???”

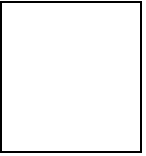
<sigh> N9JF/N9G



Visual proof that snakes and feedlines can peacefully coexist.

(Thanks, ex-KB9CEQ, for pointing this out....)

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



July meeting: Wednesday, July 6, 7:00 pm
Adams County American Red Cross
Building, 24th and Koch's Lane, Quincy (west
½ block from intersection then north on
driveway)

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

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