
THE FEEDLINE

Volume 47, Issue 11 The Voice of the Western Illinois Amateur Radio Club November 2023

Moved and Seconded Minutes of the October 4, 2023 WARC meeting

Prior to calling the meeting to order, we heard from Amanda Venvertloh, Disaster Services with the Red Cross. Amanda presented the group with her duties and how we can help the Red Cross in a volunteer basis. After Amanda finished, President, Ed Cozart, W9US, called the meeting to order at 7:12 PM. Introductions followed with 18 members and one guest.

Motion made by WB9EWM (KD9PPJ) to approve the minutes from the September meeting as they were printed in the newsletter, motion passed.

Our treasurer was not present but he did provide a partial report on the current status of the finances. Of note was we had interest income (due to the updating our CD's) exceeding anything we had had in the past several years. Motion to accept the report as presented was made by KB9FIN (WB9EWM). Motion passed.

WB9EWM reported for the repeater board that the repaired Yaesu repeater had been put back into service on the 443.900 repeater.

Club Station - W9DP mentioned that another of the club's Heil headsets was broken and the station committee will need to decide whether to pursue having it repaired. It was also noted that the Icom ID-880H mic cord was falling apart.

Contest Committee, N9JF discussed the upcoming Illinois QSO Party on Sunday October 22nd and encouraged everyone to participate and noted that there were still some nearby locations for anyone wanting to do a portable operation.

VEC – W9WE indicated there was a test session scheduled in Hannibal on October 11 after the club meeting.

Old business – the club's dinner at Sprout's Inn in Quincy is to be held Saturday evening, October 14 and that reservations were needed very quickly.

There were no applications for new membership.

New business – W9WE reported he had attended a meeting of the Twin Rivers Amateur Radio Club promoting the ILQP and the local VE session.

Net Control Stations through December 6

Nov 1 – W9DP, Nov 8 – KD9PPJ, Nov 15 – W9DP, Nov 22 – W9WE, Nov 29 – WB9EWM, Dec 6 – KD9VUW.

Motion to adjourn by KB9FIN (WB9EWM), motion passed.

Respectfully submitted, Danny Pease, W9DP

DX news skillfully purloined from ARRL DX News

**QST de W1AW DX Bulletin 42 ARLD042 From ARRL Headquarters
Newington CT October 19, 2023 To all radio amateurs**

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

BOTSWANA, A2. Members of the Russian DXpedition Team will be QRV as A25RU from October 26 to November 13. Activity will be on 160 to 6 meters using CW, SSB, and mostly FT8 with up to nine stations active. QSL via LoTW.

NORTH COOK ISLANDS, E5. Janusz, SP9FIH is QRV as E51JAN from Manihiki, IOTA OC-014, until November 6. Activity is on the HF bands. QSL to home call.

SURINAME, PZ. Renato, PY8WW will be QRV as PZ5TW from October 25 to November 3. Activity will be on 80 to 6 meters using CW, SSB, and FT8. This includes being a Single Op/Single Band on 15 meters entry in the upcoming CQ World Wide SSB DX contest. QSL via Club log.

ST. KITTS AND NEVIS, V4. Ed, N2HX is QRV as V4/N2HX from Saint Kitts, IOTA NA-104, until November 11. Activity is on the HF bands. He will be active as V49R as a Single Op/Low Power entry in the upcoming CQ World Wide SSB DX contest. QSL to home call.

VANUATU, YJ. Chris, VK2YUS will be QRV as YJ0CA from October 22 to November 5. Activity will be on 40 to 10 meters using SSB. This includes being an entry in the upcoming CQ World Wide SSB DX contest. QSL to home call.

CHATHAM ISLANDS, ZL7. Jacek, SP5EAQ is QRV as ZL7/SP5EAQ from Petre Bay on Waitangi Island, IOTA OC-038, until November 3. This includes being an entry in the upcoming CQ World Wide SSB DX contest. QSL to home call.

Please see October 2023 QST, page 72, and the ARRL Contest Calendar and WA7BNM Contest Web Sites for details. NNNN /EX

2023 Chicago Marathon Supported by Amateur Radio

On October 8, 2023, more than 140 amateur radio operators from five Midwest states assisted 2,000 volunteer medical personnel at the Bank of America Chicago Marathon. This is the 15th consecutive year that amateur radio operators have helped coordinate medical responses and arrange for medical resupplies at the Chicago Marathon. About 49,000 runners entered this year's event.

The city-wide marathon uses six main repeater channels and deploys four temporary repeaters. New this year was official use of the

Automatic Packet Reporting System (APRS) after organizers trialed it at their other events, including the Bank of America Shamrock Shuffle and the Chicago 13.1. APRS radios were deployed to amateur communication teams in Chicago's Grant Park after the race was finished.

A total of 30 radio operators worked in various capacities before and after the race. Also, there were 100 ham radio operators stationed at each of the 20 course medical tents and the medical hub. In Forward Command, 10 amateur radio operators served as net controls, traffic handlers, logging specialists, and expeditors.

Chicago's Office of Emergency Management and Communications has been nationally recognized for its ability to fully integrate all available resources, and amateur radio operators have been publicly recognized by Federal Emergency Management Agency observers for their performance during the event.

President of Ham Radio Chicago and former president of the North Shore Radio Club Rob Orr, K9RST, said that amateur radio has an important seat at the communications table. "Amateur radio is important to the event. However, it is just one small component [of] a very complex event that requires more than 10,000 volunteers to be successful. Amateur radio has a unique role and works alongside the other many specialty service groups required to support an event of this magnitude," he said. "This event has shown that amateur radio is very much alive and doing well.

This would be fun to help with some year! It would be as close as I would ever get to "running" a marathon! However, in this year's race, our nephew, Ryan, N9CJI, DID run (and finish) the event!



A group of amateur radio volunteers at the 2023 Bank of America Chicago Marathon. [Rob Orr, K9RST, photo.]

An Important Message about ARRL Life Membership and Printed Magazines

This letter is to explain a recent decision taken by the ARRL Board of Directors about the future of printed magazines (*QST* and *On the Air* specifically) and how this affects you, one of our loyal Life Members.

Life Membership was created in 1968 to raise money to help ARRL overcome a projected deficit in the budget. The introduction of Life Membership worked, however, the program has not sustained its ability to fund the full cost of annual dues for its members since 1973. In recent years, ARRL has only been able to withdraw \$26 for each Life Member to fund \$49 in dues. A program that clearly demonstrates loyalty to ARRL to this very day lost its way financially, and we were loath to modify or eliminate this program.

At the ARRL Board Meeting in July, the Directors approved a new annual dues rate along with other changes to ensure ARRL can continue to support all members now, and into the future. One of those changes separates the printed version of our membership

journals from membership, effective January 1, 2024, making them available as an add-on subscription. This responds to feedback from members who increasingly prefer to read digital editions and stops spreading the high cost of delivering print magazines across the entire membership. All ARRL members will continue to enjoy access to the digital editions of all of our ARRL magazines: *QST*, *On the Air*, *QEX*, and *NCJ*.

The Board also included a special provision to allow current Life Members, as of July 2023, to continue receiving the printed version of *QST* or *On the Air* magazine by contacting ARRL between September 1, 2023, and June 30, 2024. Life Members who do not make the designation will receive their last printed magazine as part of membership by December 31, 2023, and will continue accessing ARRL magazines digitally.

ARRL introduced the digital edition of *QST* in 2012...11 years ago. We did it because we knew that reading preferences were changing. I encourage you to look at the digital editions of *QST* and our other magazines. The digital magazines can be accessed via a web browser or mobile app (for iOS and Android devices). Visit arrl.org/magazines for more information.

If you prefer to GO DIGITAL ONLY – Thank You! You do not have to do anything.

If you prefer to CONTINUE RECEIVING PRINT, you can make this designation now by visiting Or, if you choose, reach out to our Member Services team at 1-860-594-0200 during business hours.

I'm grateful for your ongoing support of amateur radio and ARRL. If you're one of those Life Members who asks me "How else can I help?" please consider joining me as a Maxim Society donor or joining the ARRL Diamond Club. With just a \$50 donation, you'll help grow ARRL's General Fund in support of all ARRL's programs and services.

Very 73, David A. Minster, NA2AA ARRL Chief Executive Officer

I like having the printed copy of QST. However, it's something I look through and then give away. Years ago, when I was more active in contesting, and the contest results were printed in QST, I spent a lot more time with it. I think I'll opt for digital only. N9JF

Parks on the Air Update for WIARC

Sunspots have made the higher bands more useful, summer travel has encouraged park activations, and the stats for the members of WIARC have changed considerably. This is a great time of year to activate. Not too hot, not too cold!

Here are the updated totals as of October 20:

W9DP	4 activations of 4 parks	1975 parks worked
NU7J	143 activations of 97 parks,	2275 parks worked
W9US	17 activations of 7 parks	547 parks worked
NR9Q	25 activations of 10 parks	625 parks worked
AA9GL		108 parks worked

KB9FIN	22 activations of 20 parks	1142 parks worked
KM9DX	99 activations of 63 parks	513 parks worked
WM4D	138 activations of 78 parks	360 parks worked
WM9DX	24 activations of 21 parks	77 parks worked
N9JF	572 activations of 321 parks	1024 parks worked
K9AJC	42 activations of 22 parks	2348 parks worked
KW9Q	26 activations of 14 parks	549 parks worked
KO0KER		5 parks worked
WG0ATS	5 activations of 2 parks	149 parks worked
W9MDB		183 parks worked
NI9M	24 activations of 8 parks	60 parks worked
KB0V		88 parks worked
KA0SNL		6 parks worked
KD9TTB	16 activations of 12 parks	184 parks worked
KE0MHJ	2 activations of 2 parks	104 parks worked
WB2UFO		63 parks worked
W9WE		68 parks worked
KD9VUW	29 activations of 19 parks	256 parks worked

Speaking of parks...and activations....I have become a huge fan on the LiPo batteries, having first "killed" two lead acid batteries. The 40 amp LiPo I'm using for park activations now, so far I have never run dry. I suppose it will happen during ILQP... N9JF

NU7J POTA Trip Report – Lake Chelan National Recreation Area (K-3380)

One of the most inaccessible POTA parks in WA state is Lake Chelan National Recreation Area, K-3380. Lake Chelan NRA is also one of the most scenic areas in the northwest, and is a place I'd always heard about but had never made the effort to visit.

The south end of Lake Chelan is a popular boating, water skiing and fishing destination. There are over 50 wineries, nice restaurants, etc on the south end of the lake, near the town of Chelan.

Lake Chelan is a long, narrow lake, 50.2 miles long. It's the third deepest lake in the US. The lake is considered in geological terms to be "over-deepened" by glaciers and resembles a fjord. The maximum depth is 1,486 feet. The mountains surrounding Lake Chelan are as high as 6600 feet above lake level, and only 3 miles in the distance. The surface elevation is 1100 feet and the deepest part of the lake is 436 feet below sea level. The glacier-fed water is pristine, clear and cold.

At the far end of Lake Chelan is the little town of Stehekin, which has a lodge, a bakery, a National Park visitor's center, and that's about it. The nearest road access to Stehekin is approximately 30 - 40 miles away. Surprisingly, there is a local power company which provides power to Stehekin, so not everyone on the north end of the lake is off the grid.

There are 2 state parks on the south end of the lake which are accessible by road: Lake Chelan State Park (K-3213) and Twenty-Five Mile Creek State Park (K-3285). We camped (and activated) at Lake Chelan State Park the day before boarding the Stehekin Ferry, at Field's Landing. The passenger ferry to Stehekin costs \$39 per person each way, which is well worth it. The trip is about 40 miles and takes 1.5 hours. The ride in the brand new catamaran is smooth and comfortable. (I noticed that they equipped the double deck catamaran with high quality, Italian made Recaro aircraft seats which I was familiar with from my experience working at Boeing). The Stehekin ferry runs year-round, but of course the most popular time to visit is May - September. Most everything is closed in the wintertime but there are approximately 70 hardy souls who live there year round.

Believe it or not, kids from K - 8 attend a one room school house. Older kids do on-line learning. I wonder if this is the only remaining one room school house in the country? It has to be the smallest school district.

<https://stehekinschool.org/staff/teacher>

Many visitors to Stehekin are hikers, traversing the Pacific Crest Trail. There are limited accommodations in the Stehekin area, so it's necessary to plan ahead in the summer season. The main accommodations up-lake are the National Park Lodge and cabins, or the Stehekin Ranch, which has cabins and provides 3 excellent home meals per day. There are campsites within walking distance, for backpackers and hikers.

We were fortunate to have warm, sunny weather when we visited Stehekin on the last weekend of September. (Sept 29 - Oct 1). The scenery is spectacular. I spent quite a few hours playing radio but left time for sightseeing and hiking as well. The band conditions were fairly good, and I stayed busy enough handing out a new park to quite a few callers. We stayed in a cabin with power and water, with a nice view of the lake. Thankfully the cabin was only a short walk uphill from the ferry landing. The cabin had a deck with a table and chair, perfect for setting up the station. My antenna was an EFHW wire, supported by a 32 foot spider pole. I brought along a manual tuner which managed to tune up well enough on 10 through 40.

Thanks to the POTA hunters who worked me on this very memorable activation.

I hope this wasn't too lengthy, thanks for reading! Here are a few photos of Lake Chelan NRA.

POTA On,

Tom, NU7J







POTA FAMILY OUTING

In mid September between 9/13 and 9/18 Ben WM9DX, Drew KM9DX and I [WM4D] took a mini POTA/Camping trip through Nebraska into Southeastern Wyoming. We had originally planned only to camp in Wyoming and stay in motels for the rest of the trip. Arriving in Grand Isle Nebraska, just before sunset on day #1, we discovered there was a huge agricultural convention and everything in the surrounding area was booked. The Holiday Inn Express room rate was more than double and they even had a group arriving from Japan. Thankfully, Mormon Island State Recreation Area, K-5625, was directly across the highway and had campsites available. We were able to set up before complete darkness and activated the park via flashlight. We had paid [honor system] the night before but found a park ranger the next morning who dated our "day pass" for that next day giving us access to all Nebraska Parks for the day's travel. Nebraska has a \$12 day fee for their parks.

On day #2 we made our way across Nebraska almost to the Wyoming border, spending the night in Bridgeport near Chimney Rock National Historic Site. We activated several POTA locations along the way. The next day [day #3] We activated Chimney Rock and Scotts Bluff in Nebraska and made our way into Wyoming planning to spend the night in Torrington east of Fort Laramie. Well, there was a car show in Torrington [go figure] and our first 3 choices of hotels were booked. Yea okay, poor planning. We did find a place in town which turned out to be fine... and much cheaper. There were no bed bugs as I checked. After checking into the down-scale hotel we drove to Fort Laramie Historic Site. Jim, N9JF, said he had worked a Wyoming "5er" [5 POTA parks one location] on his Canada - Alaska excursion and I set out to research where that could be. The "5er" is at the old Fort Laramie Historic Site which was a stop on the Oregon, California and Mormon Trails as well as the Pony Express. Ben and I made enough contacts to activate those locations and Drew, KM9DX, continued on solo running a good pileup as Wyoming is a popular catch in the world of POTA.

Day #4: We activated Hawk Springs Recreation Area south of Torrington and made our way to Vedauwoo Rocks west of Cheyenne Wyoming where we camped for 2 nights. This location is part of Medicine Bow Routt National Forest and we had a relaxed POTA activation both of those days. We were joined by my granddaughter Rebecca who is attending college in Lagrange Wyoming. Ben, Drew, and Rebecca went rock climbing [not me] and I squeaked out a CW activation while everyone was away from camp and not listening.

Day #6: Monday, 19 September, we had an early camp breakfast and discussed returning home via Kansas spending 1 night on the road for some more POTA activations. After hitting the road heading east on I 80 it was decided to just head home. We made one stop at Lake Maloney near North Platte, Nebraska where Drew activated a location solo. We then drove all the way home arriving in Mendon, IL just before midnight.

It was a fun experience. We did skip a few locations that were right along our route of travel due to timing and weather. In all we activated 26 parks at 19 unique locations. Our primary radio was a Yaesu 891 in my truck and a Xiegu G90 for the campsites. We used Buddipole antennas both on the truck and in camp. Power was from a Bioenno 40 amp/hr battery. I did have a 17' Chameleon whip with us which may have not made it

home. I'm still looking for it. We [Ben Drew and I] have tentatively planned another trip next year near these same locations activating some of the locations we skipped. The huge plus [for me] on this trip was watching how genuinely interested Drew is in Ham Radio and the fact that Ben has become interested in POTA.

Ken, WM4D



NØG in the fall "Get Your Park On" October 2023

The WWFF program has sponsored several events throughout the year during which several of the more active parkers acquire 1x1 callsigns and try to hand out contacts to as many as possible during the event period. This fall's "Earth Week" celebration was October 7-15, 2023.

I was really "too busy to do this". It's sad when you're "retired" and can't find time to fit in things you want to do...but I digress. I decided at the last moment to get out and join the fun.

The first swing was into northeast Missouri, beginning at Wakonda SP (20 contacts...all 17 meter CW. I have a kilo there already), then on to Illiniwek Village (23...all 17 and 10 meter CW) and then to Frost Island State Conservation Area (28...10, 12 and 15 meter CW). I decided to pass on Great Rivers NWR south of Alexandria, as the last foray into that place netted me a flat tire that necessitated a call to AAA.

I don't usually like to "hit and run", but the plan was to get to several more Missouri parks during the day. On to Battle of Athens... I thought....

Packing up and moving at Frost Island, the car felt funny. Light on dash: "Low Tire Warning". Are you kidding me? ANOTHER FLAT?!? There must be something about the Chrysler van and northeast Missouri?? Come to think of it, we had a transmission go out of it just east of Macon a couple of years back. This time, I managed (with some difficulty) to change the tire by myself. By now, I was *done* with Northeast Missouri parks. I drove back to Quincy and tried to find a place to get two tires replaced. No luck late in the afternoon. By the time I got to Quincy, I had settled down a bit and went ahead and activated Sid Simpson (12)...17 cw), Fall Creek Overlook (44...20 cw) and then finished the day at Siloam Springs (119....10,12,17s,30 and 40 cw). The high bands were really good. What was amazing to me was how many time W9DP called me (and I heard him!).

I felt like I had "done my duty" at this point, but later in the week, I did an extensive activation at Meredosia NWR (227 contacts...10, 17 and 20 m FT8/4, 17 cw, 17 SSB (!), 20, 10 and 15 cw, 20, 30, 40, and 80 CW (Danny!) and FT8 on 30 and 6 (Danny!). That was about all the fun I could stand. For those of you wondering, Meredosia NWR is really easy to activate. There is a small parking lot on the south side of the refuge and a couple of places you can pull off alongside the bay. I used the bayside parking this time because KB9KHT was already in the parking lot and had been since 7:30 a.m.! He has over 8,000 contacts from that park!! I did manage to get over the kilo mark on this trip.

NU7J Update on Upcoming H44WA Dxpedition:

I encourage WIARC members to keep an ear out for H44WA in November. A team of six operators from the Western WA DX Club, including myself (Tom, NU7J) will be on the air from the island of Guadalcanal, Solomon Islands, from Nov 15 – 29. We will be operating from a beach the north coast, with a clear shot to EU and NA. Antennas will be Vertical Dipole Arrays for each of the higher bands, a Buddihex for 6 – 20M, two CrankIR verticals, and a vertical for 160M. One of the team members scoped out the operating

site and reported back that the noise level is S0. So we should have no problem hearing the Midwest and east coast, especially on the higher bands in the afternoon.

We will be operating 2 or 3 stations on CW, SSB and FT8 on all bands from 10 – 160. Please check out the H44WA website for QSL information and band plan details. Also, watch the dx bulletins for future updates.

<https://www.h44wa.com/> <https://www.dx-world.net/h44wa-solomon-islands/>

Thanks and 73, Tom, NU7J H44WA Team Member

2023 ILQP From Siloam Springs SP. A Quick Recap from N9JF

“Well, that’s over.”

That sentiment will make a bit more sense once you’ve heard the backstory. This is being written on the “morning after”, with 111 incoming logs acknowledged and about 75 in the queue (two more came in while I was typing that half-sentence).

For several years, Melba and I have spent ILQP driving around the west-central part of the state attempting to “fill holes in the map”. That wasn’t going to happen this year. Having her drive for 8 hours and me operate and log, and then winding up 100-150 miles from home at 8 pm just wasn’t in the cards. We appreciate so much the efforts that have been contributed by many mobiles over the years. We can’t do the party right without them!

The alternative was to go portable and preferably on a county line or corner somewhere. All of my recent operating has been in parks as a portable, so this wasn’t going to be ground-breaking. The immense popularity of the WWFF and POTA programs has made pileup generation almost a given. Where to find a county line in a park? Uh...duh....Siloam Springs (park 1023) has the ADAM/BROW line! I located a convenient pull-off a couple of weeks ago and made plans....

The Chrysler van has “been there...done that” in parks all over the USA and Canada. It’s getting old, but it’s roomy and has plenty of roof space for mag mounts. I don’t worry about the paint very much. (Don’t tell my wife....)



I'm getting accustomed to the operation of the 991a in the car with the new LiPo battery as a power source. Antennas were mounted and checked out on Saturday, and I was ready to go.

Now for the "other story". I came down with COVID on Thursday. Not life-threatening but definitely uncomfortable. I felt pretty good on Saturday when rigging the car, but on Sunday, not so much. But...the show must go on.... Off to Siloam I went, found the parking spot, put the antennas on the car, started the logging program (N1MM+) and located a spot on 20 CW.

It was just about a perfect October day with temperatures in the upper 60s, light wind, lots of sunshine and hordes of vultures either looking for roadkill or waiting for me to expire? Squirrels running across the park road provided considerable entertainment in the slow moments. There wasn't much traffic except for ATVs on the gravel road on the north side of the park. There were no mosquitoes. It doesn't get much better than that for a portable operation. I just sat in the driver's seat and banged away.

The radio cooperated. The antennas (Hustler and Hamsticks) all worked. I could immediately switch between the three mag mounts and the 2/440 antennas. Once I got spotted, the pileups began and kept coming. The battery worked like a champ. Life was good.

Then I tried changing bands.

For some reason, my installation of N1MM+ *will not switch bands without being restarted*. I've known this before, but that part of my memory apparently succumbed to COVID last week. Every time I changed bands, I had to shut down the software and

restart it. This didn't take long; but it was a pain in the patoot and generated some angst. That was the good news. OM2VL found me quickly when I went to 10 meter cw for the first time, and he asked me to go to SSB, which I did. What I could NOT do was get the program to go to SSB. At all. I had to manually edit the contact in the log. The same thing happened a few minutes later when we worked on 15 meter SSB. When I tried going to 2 meters to check activity on 146.55 (which I never heard), I couldn't get the program to go to that band at all. I know there is a setting for it, but I wasn't smart enough to find it and decided it wasn't worth expending the brain power. Obviously I need to spend more time learning the software if I'm going to use it....

Brain fog was with me from the start. I watched the clock and at about 2 pm thought, "I'm a quarter of the way through this...can I do it?" Fortunately, the calls kept coming. Ten and fifteen meters produced only 19 total contacts. I'm sure the activity was there, but the other bands were so good that I didn't feel the need to spend time on 10 and 15. We instituted a "self-spotting permission" in this year's rules, but my cell coverage was nearly nil (no surprise) so it didn't benefit me at all. I could certainly tell when I got spotted as I would suddenly have callers 5-10 deep. The fact that I was both in a park and on a county line, and the "only game in BROW" probably kept people around for a few extra calls. I did all of the sending manually with the K4VX vintage paddles. Next time, I should probably get N1MM+ to do some of the sending; but this was not a burden.

Melba brought me a cookie at about 3 pm. I guess she was relieved to see that I was still in one piece and apparently having a good time.

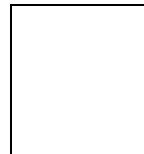
As you can see from the band summary, 20 and 40 were the stars of the show. I was a bit surprised not to work some of the usual suspects in Europe: no OHs nor DLs.

I worked quite a few of the portable, mobile and rover stations scattered around the state. The biggest issue was breaking the pileups on 40 meter CW. This wasn't a big surprise. I was running low power with mobile antennas. I think next time a 40 meter dipole would be a good addition to the arsenal.

Was it a success? I think so. Next year I might find a different county line, but it might not be easy to find one in a park, and it was really nice NOT being 3 hours from home when the final gong sounded! Or...I might rope a grandkid into driving me....

Band	Mode	QSOs	Pts	Mul	Mt2	Pt/Q
3.5	CW	53	106	2	0	2.0
7	CW	241	482	44	0	2.0
14	CW	189	378	45	1	2.0
21	CW	12	24	0	0	2.0
21	USB	1	0	0	0	0.0
28	CW	5	10	0	0	2.0
28	USB	1	0	0	0	0.0
Total	Both	502	1000	91	1	2.0

**Western Il. Amateur Radio Club
PO Box 3132
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**November meeting: Wednesday, November
1, 2023
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
Analog repeater W9AWE/R on 147.630/.030 Tone Rx and Tx 103.5
Analog repeater W9AWE/R on 146.340/.940 Tone Rx and Tx 123.0
Analog and Fusion repeater W9AWE/R on 448.900/443.900 Tone Rx and Tx 103.5
Analog and Fusion repeater W9AWE on 147.795/147.195 Tone Rx and Tx 103.5**

**All repeaters are located on the north side of Quincy IL
ILLINOIS QSO PARTY**

**Newsletter input due by the 20th of the preceding month
Editor Jim Funk N9JF
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