
THE FEEDLINE

Volume 49, Issue 7 The Voice of the Western Illinois Amateur Radio Club July 2025

Moved and Seconded: Minutes of the June 2025 WIARC Meeting

The June 4th meeting of the Western IL Amateur Radio Club was brought to order at 7pm by acting president Dave Scranton W9WE with the following members and guests present:

W9WE, KD9VUW, KB9GIY, K9WAY, WA0VHI, KD0HDL, WM4D, KB9FIN, WB9EWM, WA9GBC, WD9UFO, and Kim Niekamp introductions were made...

KB9FIN made a motion to accept the minutes as posted in the newsletter. The motion was seconded by WB9EWM, the motion passed by membership present.

Treasurers Report: Jack KD9PPJ was not present. Dave W9WE reported that he and Jack created a new 6 month CD that matures 11-23-25 with \$15265 at 4.1% interest. \$6500 is in checking as of 5-23-25. All the accounts are now located at Mercantile Bank. Jack mailed out checks of \$500 to the American Red Cross for a donation, \$59.99 to John WB9EWM for logging software, 1187.98 to Dave KB9FIN for club computers, and a check to Ed W9US for fuel to deliver the sold repeater equipment. KD9PPJ will not be seeking reelection for next year but will finish his term. A motion was made by KB9FIN made a motion to accept the treasurer's report which was seconded by WB9EWM. The motion was passed by membership present.

Dave W9WE talked about the clubs use of Robert's rules of order or lack thereof and described the proper use of parliamentary procedure during the meeting. He also brought up some confusion about the wording of the club's constitution regarding the replacement of an officer in the event of a vacancy.

Repeater Committee/Club Station: John WB9EWM had nothing to report regarding the repeaters. He reported that we have received the new computers and they are working on installing the software and getting everything working. John brought up and made a motion that we need to get some peripheral equipment for the new computers such as mice, monitors, keyboards etc with a budget of \$500. The motion was seconded by Dave WA9GBC. The motion passed by membership present.

Membership: Dave W9WE brought to the membership's attention that there are also some issues with the membership list and confusion in the constitution. John WB9EWM, Dave WA9GBC, and Dave W9WE volunteered to go through and review the constitution to and suggest changes to clarify certain areas. Two people applied for membership Ed Way K9WAY, and Lu Way KA9WAY, but were members up until about 5 years ago. WB9EWM made a motion to accept their application, seconded by KD9VUW. Motion passed by membership present.

Field Day: Dave W9WE will bring his radio for CW for field day. He said we need to get a hold of Chris NR9Q or Ed W9US to climb the tower and repair the antennas. Dave W9WE

brought to our attention that our website needs to be updated with the ILQP information regarding dates and rules for this year.

New Business: Adams county emergency management needs volunteers for storm spotting. There are also opportunities for search and rescue and drone piloting/searching, if anyone is interested contact Alex with Adams County Emergency Management for an application.

Shawn KD9VUW will no longer be able to run the zoom streaming of the meeting due to job conflicts. We will need a volunteer to take up this responsibility. Thanks Shawn for doing it all this time!

VE Testing: The next in person testing will be in Hannibal after their club meeting on the 9th of July. Otherwise there is online testing available through Ham Radio Crash Course.

Net Control:

June 4th- W9WE

June 11th- K9AJC

June 18th- KD9VUW

June 25th- WB9EWM

July 2nd- W9WE

July 9th- W9WE

July 16th- WB9EWM

July 30th-KD0HDL

August 6th- W9WE

Dave KB9FIN made a motion to adjourn the meeting, which was seconded by John WB9EWM. The motion passed by membership present. The meeting adjourned at approximately 7:40pm

Respectfully submitted by Alex Rankin, Secretary

Exam Sessions:

07/09/2025 | [Hannibal MO 63401](#)

Sponsor: Hannibal ARC Inc

Location: Marion County Ambulance District

Time: 8:00 PM (Walk-ins allowed)

[Learn More](#)

08/09/2025 | [Quincy IL 62301-5201](#)

Sponsor: Western Illinois Amt Radio

Location: Bethel Assembly of God Church

Time: 1:00 PM (Walk-ins allowed)

[Learn More](#)

10/08/2025 | [Hannibal MO 63401](#)

Sponsor: Hannibal ARC Inc

Location: Marion County Ambulance District

Time: 8:00 PM (Walk-ins allowed)

[Learn More](#)

11/08/2025 | [Quincy IL 62301-5201](#)

Sponsor: Western Illinois Amt Radio

Location: Bethel Assembly of God Church

Time: 1:00 PM (Walk-ins allowed)

[Learn More](#)

You Can test almost any time of day or night. Here's a quick link .

DX News shamelessly purloined from *ARRL DX News*

**QST de W1AW DX Bulletin 25 ARLD025 From ARRL Headquarters
Newington CT June 19, 2025 To all radio amateurs**

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

MOROCCO, CN. Michel, F5LRL will be QRV as CN2DX near Kenitra from June 25 to August 30. Activity is on 40 to 6 meters using CW, SSB, and FT8 generally during his early morning and evening hours. QSL via home call.

ALAND ISLANDS, OH0. Kimmo, OH3DJP will be QRV as OH0/OH3DJP from June 24 to July 1. Activity will be holiday style on 160 to 10 meters, and possibly 6 meters. QSL via LoTW.

MARKET REEF, OJ0. Juuso, OH1JW is QRV as OJ0JW while volunteering for the Finnish Lighthouse Society. Activity is in his spare time on various analog Satellites, mainly on RS-44. QSL via LoTW.

WEST KIRIBATI, T30. Members of the Rebel DX Group are QRV as T30TTT from North Tarawa until September 8. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4 with up to 10 stations active. QSL via LoTW.

GUATEMALA, TG. Todd, AF4CZ is QRV as TG9/AF4CZ until July 9. Activity is on 40 to 10 meters using FT8, FT4, and some SSB. QSL to home call.

FALKLAND ISLANDS, VP8. Gerry, G3WIP is QRV as VP8DPD from Port Stanley, IOTA SA-002, until July 12. Activity is mostly on 20 to 10 meters. QSL via EA5GL.

Please see June 2025 QST, page 83, and the ARRL and WA7BNM contest websites for details.

NNNN

/EX

Solar Update

If you have spent any time on the HF bands lately, you know that conditions have been, shall we say, “interesting”. High sunspot numbers, yes. Predictable propagation on the higher HF bands....not so much. Propagation is a whole lot more complex than high SFI numbers. Here’s the latest from ARRL:

ARRL Solar Update for June 19, 2025

The sun was moderately active during the 48 hours beginning June 17. R1-R2 (minor-moderate) events are expected through June 22. R1-R2 flaring is expected with a chance for X-class flares (R3-strong) through June 21, mostly driven by Regions 4114, 4115, and 4117.

Solar wind parameters continued to reflect a positive polarity CH HSS (coronal hole high speed stream) regime.

Solar wind speeds primarily averaged 450-510 km/s. CH HSS conditions are expected to persist through June 19. There is a slight chance for an enhancement of solar wind parameters June 19 from the arrival of an interplanetary (IP) shock associated with a coronal mass ejection (CME) that occurred in conjunction with a M8.4 flare.

Radio blackouts reaching the R3 levels (strong) were observed over the past 48 hours. The largest was on June 17. Radio blackout forecast for June 18 - June 20, 2025: R1-R2 (minor-moderate) 75% all three days; R3 or greater 25% (R3-strong) through June 20.

The 10.7-centimeter flux: June 19 – 20, 140; June 21, 138; June 22, 135; June 23 – 24, 125; June 25, 130.

Predicted sunspot numbers: June 19,138; June 20,137; June 21,139; June 22,138.

For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, read [A Quick Guide to HF Propagation Using Solar Indices](#), and [check out](#) the Propagation Page of Carl Luetzelschwab, K9LA.

For customizable propagation charts, visit the [VOACAP Online for Ham Radio website](#).

STUFF.....

The equipment from the W9MDB estate was partially sold at a “garage sale” in early June. More will be offered at a similar event in early July, probably July 12. Watch the club reflector for details. A lot of equipment is still available.

And more stuff: I recently received the following email:

Dear Jim,

My brothers and I are working to find a home for vacuum tubes and test equipment that our father, William Hoyt, who had a career as a broadcast engineer in Quincy, had collected. Although we have contacted several vendors of tubes, we thought there might be members of the Western Illinois Amateur Radio Club that would be interested in them. For you and your members review, please find attached a list of tubes and if there is interest, just let me know - since they are in a storage locker in Quincy, we can arrange a time for folks to take a look at them as well as the test equipment.

With best regards,

Rick Hoyt

465 Belleview

Webster Groves, Missouri 63119

314-313-9899

Here is the list: Please contact Rick directly if you are interested in any items.

<u>Model</u>	<u>Order / Part Number</u>	<u>Condition</u>	<u>Note</u>
RPA SC-2812	4CX3500A	Unused	
5D22/4-250A	374-0009-000	Unused	7035 in small numbers below the model number
8438; 4-400A	374-0010-000	Unused	6509 - small number below the model number - Type 4-400A. Power Tetrode
MRA5D22	374-0009-000	Unused	4-250A - small numbers below the model
575A		Used	
GL-673		Unused	58-26; 188-22 - small number on base
8438; 4-400A	374-0010-000	Unused	
RMA5D22; 4-250A		Unused	
5D22/4-250A		Unused	
RMA5D22; 4-250A		Unused	
1329		Unused	Analog meter 0-3 amps
1329		Unused	Analog meter 0-5 ams
611.15		Used	RF watt meter, 50 ohm load, 1200 watts
857B		Used	
		Unused	Lightbulb, 120V, 200W, Antique,
8008		Used	
GL-829-B		Used	Not in original packing
38374;10		Used	
		Used	Larger tube with 5 connectors on the bottom
50X1500B		Used	Rebuilt
50X1500A		Used	Rebuilt
00701MAJ907A		Used	Sample

JA7PRO4001		Used	High powered RF connectors
SKR-7		Unused	Cooling fan
4CX85 00A; 8246		Unused	
			miscellaneous amplifier tubes
4 250 A	998109	Used	UMO 9A stamped on bottom - Tube
5D22/4-250A		Used	
8458		New	In original box
8457		New	In original box
RV4LAYS500A			Reostat -
866A	374 0042 000	Unused	Tube - "EE" in a box on the base
866AX		Unused	In original box
81BO		Unused	In original box
812A		Used	5-35 on base
4-65A		Unused	In original box
4-65A		Unused	
5894A		Unused	
CRL857 200 pf 7.5 KV 750		Used	Capacitor
GX 201-A		Unused	In original box
F727		Unused	Inductor
F-16X		Unused	Filament transformer
920		Unused	Resistors - 30,000 ohms
7377		Unused	In original box
5894		Unused	In original box
56-13; 188-5		Used	In original box
6R4/EC81		Unused	In original box
Model L			Rheostat 150 Watt
7025		Unused	In original box
12BA7		Unused	
TV1-501		Unused	500mmf capacity
463	Model K	Unused	10,000 ohms
CK5654		Unused	In original box
807		Used	
807		Unused	In original box
807		Unused	In original box
6BG 6GA		Unused	In original box
7203/4CX 250B		Unused	In original box
4-65A		Unused	In original box
807		Unused	In original box
8122			In original box
5254	994-4845-001		FM Power Output kit - Harris, Serial Number 79-5254-040
	994-4845-001		RF output extension kit
			miscellaneous analog panel meters

Park Stuff

It's summer. It's the season of sitting on a camp chair with a radio in front of you, "Field Day Every Day", a.k.a. activate a park! Wear sunscreen and mosquito repellant, yes, but have fun!

WM9DX and KM9DX did a major park trip. N9JF and KB9CES made a major park trip (see below if you're interested.) Several others have been busy locally. Band conditions have been a challenge, good one day and dismal the next. It pays to watch six meters for E-skip opportunities.

Updated POTA stats for WIARC as of June 23, 2025: (current WIARC members)

W9DP	15 activations of 13 parks	4275 parks worked
NU7J	164 activations of 116 parks	2422 parks worked
W9US	24 activations of 11 parks	952 parks worked
NR9Q	31 activations of 12 parks	750 parks worked
AA9GL		275 parks worked
KB9FIN	32 activations of 26 parks	1373 parks worked
KM9DX	149 activations of 104 parks	826 parks worked
WM4D	227 activations of 121 parks	613 parks worked
WM9DX	53 activations of 49 parks	235 parks worked
N9JF	956 activations of 523 parks	1532 parks worked
K9AJC	57 activations of 24 parks	3660 parks worked
KW9Q	31 activations of 14 parks	670 parks worked
KB0V		191 parks worked
KA0SNL		134 parks worked
KE0MHJ	2 activations of 2 parks	125 parks worked
WB2UFO		95 parks worked
W9WE	1 activation of 1 park	550 parks worked
KD9VUW	116 activations of 30 parks	530 parks worked

KD9TVM **5 parks worked**

N9JF et.al. in the Northeast

N9JF and KB9CES journeyed to New England during the month of June. This was not primarily a “radio trip”, but radios were on board and utilized. There were other passengers during the bulk of the trip, and park opportunities were somewhat tempered. WY0L and spouse Linda were along for most of the trip, and KC1PR and spouse Chris were present for several days. All of the non-hams were tolerant of a reasonable amount of radio activity, and I tried not to overdo the amount of time they were forced to endure sitting whilst I activated parks.

Melba and I dropped Dave and Linda off in Indianapolis so they could fly to North Carolina for a grandson's high school graduation, and we drove to western Massachusetts. Along the way, we activated parks in Indiana (2261 and 2263), Ohio (1950, 1998 and 3515), Pennsylvania (0511 and 8848/6780) and New York (9066/5974). Within Massachusetts, we spent time at Mount Greylock, the highest point in the state, where US5635/KFF6257) was crossed by the Appalachian Trail. We were joined by KC1PR and Chris for several days.

During our stay in the Berkshires, we also hit a couple of state forests in Massachusetts. We picked up Dave and Linda at the airport in Albany NY on Saturday. One of the main goals of the trip was to pick up the last states “needed” by Dave and Linda for them to set foot in all 50. Naturally there were parks in the needed states: 3114 in VT, 2674 in NH, 1648 in CT, 2880 in RI, 0321, 0745 and 2437 in MA, and later, 0001 in ME.

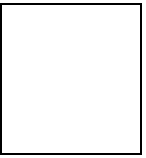
There were several other parks activated on the way home, including 2113 (Niagara Falls SP) in New York, where I managed to park in the ONE available spot in the park while the rest of the group took in the falls. The crowds in the park were unbelievable, not that it should have been a surprise on the first Saturday of summer. I was happy to “get in and get out”, unscathed.....

The total for the trip was 31 parks activated (most of them “new” to me) with a total of 36 activations, all of them except for the Appalachian Trail good for both POTA and WWFF. The last two were done as N9G for the WWFF “Mosquito Madness weekend”. I’m not sure how many contacts W9DP and I had during the last 3 weeks, but it was a bucketload!

I've had my "drive fix" for a while....4400 miles. N9JF

"I am often asked how radio works. Well, you see, wire telegraphy is like a very long cat. You yank his tail in New York and he meows in Los Angeles. Do you understand this? Now, radio is exactly the same, except that there is no cat." -Attributed to Albert Einstein

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



**July meeting: Wednesday July 2, 2025 7 pm
Adams County American Red Cross
Building, 24th and Koch's Lane, Quincy (west
½ block from intersection then north on
driveway)**

**W9AWE – W9OAB
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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