

Hamfest Calendar
2016

Apr 23 Godfrey, IL
 May 5 Sandwich, IL
 May 20-22 Dayton, OH
 Jun 5 Princeton, IL Starved Rock Club



VE Exam Schedule

Apr 17 2016 Twin City Amateur Radio Club
 1:00 PM (Walk-ins allowed) ARRL/VEC
 Debra J. Fligor (217) 762-3232 n9dn@n9dn.net
 Univ of IL Fire Service Inst 11 Gerty Dr Champaign

May 12 2016 Terre haute Radio Club
 7:00 PM (Walk-ins allowed) ARRL/VEC
 Virginia L. Monastyrski (812) 243-9052
 5475 S State Road 63 Terre Haute IN

Twin City Amateur Radio Club

Champaign-Urbana, Illinois

April 2016

Milt Forsberg K9QZI Editor



Meeting April 12 Tour of Blue Waters Supercomputer

Once again we have a tour for our meeting. We will visit the Blue Waters Supercomputer, also known as The National Petascale Computing Facility, at 7:00 pm Tuesday April 12. The location is on the Northwest corner of Oak Street and St Mary's Road. This is West of the State Farm Center. Parking is in the lot across Oak Street, which is a UI parking lot. Please see page 2 for a map and more details. Be sure to arrive by 7:00

We will not be at the Fire Institute this month!

TCARC Board Meeting

The TCARC Board meets on the first Wednesday of each month at 5:30 p.m. at Culver's on South Neil Street. This arrangement allows Board Members who are also ARES members to go directly to the ARES meeting at 7, and lets them spend one evening for 2 meetings instead of taking 2 evenings. No meetings are planned for July and August.

Our Next VE Session

April 17, 2016

UI Fire Institute

Please contact Debbie Fligor, N9DN, for information.

Local Nets

ARES	444.100	Tuesday 9 p.m.
Illinois D-Star	443.48125	Wednesday 9 p.m.
Champaign Co	146.760	Thursday 9 p.m.
Illini Net	14.320	11:30 a.m. Daily
		◆Except Thursday

The Auction Was A Success!

Our 2016 annual auction was a big success. We thank all club members who helped with the operation from setup to the actual auction, to tear down at the end. The day began at 8:30 am for setup. Tables were moved from storage to the auction room and chairs arranged for bidders. The computer system was operating and equipment started pouring in. The number of bidders was up, but the income from sales was down, compared to last year. We had more bidders and more equipment for sale than last year. 60 bidders, 158 items sold for individuals, and 51 donated items all made for the gross profit of \$527. Compared to last year of 51 bidders with a gross profit of \$860. The annual auction is always a fun time and we thank everyone participating. Also, we send a special thanks to Steve Zahos, KR4S, for bringing his Amateur Accessories sales to supplement the auction. And we appreciate his contribution to the club which covers our donation to the church.

TCARC Officers and Board Members

President	Wayne Hamilton AB9FJ	384-4310
Vice President	Rick Hurd KC9NRI	419-2359
Secretary	Chris Anderson W9CMA	403-1599
Treasurer	Milt Forsberg K9QZI	352-5075

Board Members

Kevin Coogan	KC8RFE	2016	937-985-2081
Al Wolfe	K9SI	2017	722-8803
Tom Lea	K5LEA	2018	586-5377

VE Coordinator

Debbie Fligor	N9DN	244-4446
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Website	www.w9seh.org
Analog Repeater K9CU	146.760
D-Star Repeater W9YR	443.48125

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TCARC
 PO Box 2061
 Champaign, IL 61825-2061

National Petascale Computing Facility

The University of Illinois' state-of-the-art 88,000-square-foot National Petascale Computing Facility (NPCF), 1725 S. Oak St., Champaign, houses computing, networking, and data systems that benefit researchers at Illinois and across the country.

Offers top-flight physical and cyber security, including monitoring of all exit bandwidth, deep packet inspection, and tracking of network flows. All equipment in the facility must comply with cyber security and operational standards.

Takes advantage of the campus' highly reliable electrical supply, chilled water distribution system and thermal storage.

Has a limited UPS system for NCSA's mass storage system and other selected equipment.

Provides 1 or 10 gigabit high-performance Ethernet connections as required with up to 300 gigabit external network.

Achieved Gold Certification in the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system, which is the recognized standard for measuring sustainability in construction.

Uses three on-site cooling towers to provide water chilled by Mother Nature a large part of the year, reducing the amount of chilled water the building draws from the campus chilled water loop.

Reduces power conversion losses by running 480 volt AC power to compute systems.

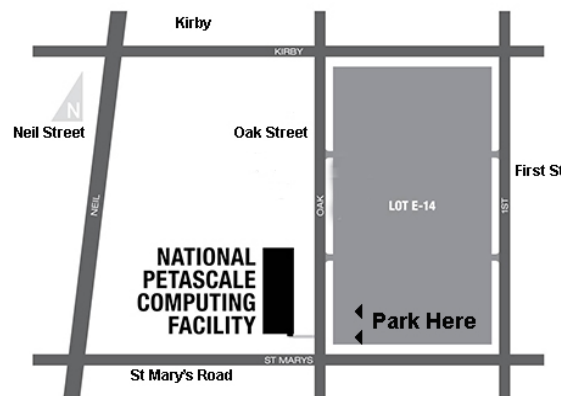
Operates continually at the high end of the American Society of Heating, Refrigerating and Air-Conditioning Engineers standards, meaning the data center will not be overcooled. Equipment must be able to operate with a 65°F (18°C) inlet water temperature and a 78°F (25°C) inlet air temperature.

For more information, please click on the link:

<http://www.ncsa.illinois.edu/about/facilities/npcf>

Parking At NPCF

Parking for the National Petascale Computing Facility is available in University of Illinois parking lot E-14 just across Oak Street. Visitors may park in UI lots after 5pm. Do not park in any space marked as reserved parking. Due to building security, please arrive no later than 7:00pm to enter the building



Above is a photo of our Auction April 9. Everyone up front is busy selling while bidders wait for their favorite items to appear on the block.

Illinois Repeater Association

Please remember that we are hosting the IRA annual meeting Saturday April 16. Help is needed at 8am to set up chairs and 1pm to put them back. Milt K9QZI is coordinating the help. The meeting is open to all to attend, if you wish.

Are you Really an Old Timer?

Each of the following has a meaning in old time ham radio that may be different than the common usage. See how many you can identify or answer?

1. What are the meaning of the words "octal" and "loctal"?
2. What is a condenser?
3. Explain the expression "all American five."
4. In ham jargon, what is an 807?
5. What is spaghetti?
6. What does the slang expression "mickeymics" usually refer to?
7. What was the most common use for a Greenley punch?
8. What is the purpose of a dynamotor?
9. What was the most common use for the 6H6?
10. Explain the expression "dilly bump de bump."
11. What does a ham mean when he talk about "breadboarding"?
12. If you are "rockbound," what does that signify?
13. If a UA6 answers your call, who is working you?
14. What are heaters?
15. What is a 5-way binding post?
16. What is a B battery used for?
17. What is a sidewinder?
18. How does a bug differ from sk?
19. What are green stamps?
20. What is a "cat's whisker" used for?
21. What is a cheese cutter?
22. What is the greatest potential hazard of an AC-DC radio?
23. What does the first number in a vacuum tube signify?
24. What is a fahnestock clip?
25. What were plug-in-coils normally used for in ham radio?
26. What is a VTVM?
27. What is special about the CK722?
28. What was the most common use for electrolytic capacitors?
29. Who was Hiram Percy Maxim?
30. Before plastic, what was the most common material used for insulation in hookup wire?
31. What material was used for earpieces in early headphones?
32. Why did many speakers have two sets of coils?
33. Why were the five meter and eleven meter bands important?
34. Why did every ham want to visit Benton Harbor, Michigan?
35. What is paste flux used for?

K9CU.club

This is just a reminder that you can visit our web page using k9cu.club to access it. The previous URL still works, but this one is easier to remember. Both go to the same place. We are consolidating the Yahoo Groups of K9CU and W9SEH into one. The main use will be W9SEH. We may eventually switch to K9CU, but not at present. Also, the old K9CU website is being consolidated into the k9cu.club site.

Dayton Hamvention

Just over a month away, Hamvention is getting ready to serve 25,000 or more visitors on May 20 to 22 at the Hara Arena. Tickets are available online for \$20. At the door, they are \$25. Last date for advance orders is May 13. It is best to order prior to that date to be sure you receive them by US Mail. Flea Market spaces are also available online for \$70 or \$100 each. End spaces with an aisle along the side are the higher priced. For those who had spaces last year may order the same spaces until April 15. After that date, all spaces will be open for purchase by anyone.

TCARC will have spaces FW2731-2734, which is in the center of the West Flea Market lot. Milt, K9QZI, has the spaces and the club shares the cost. All TCARC members are invited to use the spaces for a stop to rest and refresh, and some table space is available at no charge for those wishing to sell items. Sellers are responsible for watching their own items or arranging to share watching with others. Shade and chairs are provided in the spaces for your comfort. Also, purchases may be left at the spaces while you roam the grounds. This means you don't need to carry everything around with you. Spaces will be available all 3 days, but Sunday may be not fully open, depending on the crowd and weather. Please contact Milt if you have questions.

<http://hamvention.org/>

AES Superfest

April 2 was the 22nd annual Superfest at Amateur Electronic Supply in Milwaukee. The number of vendors was down from past years, but the seminars were excellent. The crowd was good and it was great to visit with friends. The new Icom 7300 was operating and looks good!

VE Exams

Just a reminder that the Extra Class Question Pool changes July 1 2016. Our next and last exam session before the change is April 17. The new pool has more current questions on digital, Internet, etc.