

**Hamfest Calendar  
2015**

Jun 21 Wheaton IL  
 Jul 11 Indianapolis IN  
 Jul 19 Peotone IL KARS  
 Aug 2 Peotone IL Hamfesters  
 Aug 15 Huntsville AL  
 Aug 15 Danville IL  
 Aug 16 Lafayette IN  
 Sep 12 Belvidere IL Radio Expo  
 Sep 19-20 Peoria IL



**VE Exam Schedule**

Jul 19 2015 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 IL

Jun 11 Jul 9 Aug 13 2015 Terre Haute Radio Club  
 7:00 PM (Walk-ins allowed) VEC: LAUREL MD  
 Virginia L. Monastyrski (812) 243-9052  
 Ryves Youth Center 1356 Locust St Terre Haute IN

# Twin City Amateur Radio Club

Champaign-Urbana, Illinois

June 2015

Milt Forsberg K9QZI Editor



## Meeting June 9

The next TCARC meeting is Tuesday June 9 at the [UI Fire Institute](#) at 7:00 pm. The program is "From Design Concept to Fabrication" by Ben K9BF. He will start with Pspice to design an off-set attenuator for fox hunting, then use software to simulate it. Next, use the PCB program to lay out the PCB. Importing the file into his mill, he will demonstrate making the PCB. He will have a large quantity of PCBs and schematics to give to anyone wishing to make one.

To get to the Fire Institute, go south on First Street from the Assembly Hall to the UI Credit Union - That is Gerty. Go West on Gerty to the end of the street. You will be in the Fire Institute parking lot. We are in one of the classrooms inside.

## 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

July 19 2015 1:00 p.m.

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

## TCARC Officer and Board Election

June is the month we hold the election of our officers and board members. We elect officers every year and one board member. Board member terms are 3 years while officer terms are one year. The nominating committee has arranged a slate for elections. All current officers are willing to serve for another year if reelected, and Board Member Jim, N9AJV, is willing to serve 3 more years if reelected. We will take nominations from the floor at the meeting prior to the election.

## Meeting Photos from Last Month

Please see the extra page with photos of Joe, K9KNW, demonstrating his mobile EME and Meteor Scatter Amateur Radio Station. It was a fascinating presentation, and we thank Joe for taking the time to share with us his mobile operation.

## TCARC Officers and Board Members

<b>President</b>	Wayne Hamilton AB9FJ	384-4310
<b>Vice President</b>	Paul Toth N9XDN	840-3522
<b>Secretary</b>	Chris Anderson W9CMA	403-1599
<b>Treasurer</b>	Milt Forsberg K9QZI	352-5075

### Board Members

Jeremy Lamb	KC8KGJ	2016	621-8036
Al Wolfe	K9SI	2017	722-8803
Jim Crisman	N9AJV	2015	202-7402

### VE Coordinator

Debbie Fligor N9DN	244-4446
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<b>Website</b>	<a href="http://www.w9seh.org">www.w9seh.org</a>
<b>Analog Repeater K9CU</b>	146.760
<b>D-Star Repeater W9YR</b>	443.48125

**TCARC**  
 PO Box 2061  
 Champaign, IL 61825-2061

## Peoria Superfest Tickets

If you plan to attend the [Peoria Superfest](#) in September, you can purchase tickets from Milt, K9QZI, at the meeting or anytime prior to the Superfest weekend. He is selling them as a service to the Peoria club. Tickets are \$7.00 with 2 door prize stubs. At the gate, they are \$10.00 with one stub. Please see Milt if you need a ticket!

## New Repeater for Synton

The Synton W9YH repeater operated by the UI Synton Amateur Radio Club was replaced and will be replaced again. Ben, K9BF, donated his repeater, K9BF, to the Synton Radio Club. It remains at the top of the 21 story building at 3rd and John Streets. It now has the call of W9YH, operating on 444.525 MHz. Because the UI Electrical Engineering Department vacated the Everett Lab Building at Wright and Green, Synton lost their repeater location on that building. Recently, Ben visited with a member of the Motorola Radio Club located in Chicago and learned that they sometimes provide Motorola repeaters to non-profit clubs such as Synton. Arrangements were made, and Ben will install the new Motorola soon. It will operate in analog mode and DMR (Digital) mode as well. With this addition, our community will have all 4 digital FM mode repeaters in operation! K9CU will be capable of analog and Yaesu Fusion, K9SI operates analog and P25 digital, W9YR operates D-Star Digital, and W9YH will be analog and DMR (MOTOTRBO) Digital Mobile Radio. We are pleased that our area supports these modes.

## Yaesu System Fusion Repeater

Work continues on the TCARC Yaesu repeater. Ben is building an interface to connect Echolink to it and to use the repeater controller we currently have in place on the K9CU repeater. The plan is to provide connections on both the current repeater and the Yaesu so the control can be easily switched between the 2 repeaters. This provides a backup should one or the other experience a problem.

## Field Day

June 27-28 is Field Day weekend and we will be at the Ford-Harris Park on Ford-Harris Road. Plans are nearing the final stages. Paul, N9XDN, has the details and will discuss the final plans at our June meeting. Operators and equipment are still needed, and last minute volunteers are most welcome. If you know you will participate, please let Paul know as this helps his planning. We hope to operate all bands during the weekend. Visitors are most welcome, just to watch and listen, or to operate. Because we have an adequate number of Extra Class Licensees planning to attend, we can permit anyone to operate the stations under the supervision of our Extras. We encourage everyone to visit and to take advantage of the opportunity to operate. We have posters provided by the ARRL which give lots of information about Field Day. The posters will be available at our June meeting. If you know of a public place that will permit posting this type of material, please take one to post.

Field Day officially begins at 1:00 pm Central Daylight Time on Saturday June 27 and runs for 24 hours. However, we set up antennas and stations the morning of the event. We need help to set up antennas - if you can join us around 9 am to help, we will greatly appreciate it. Also, equally important is the tear down starting at 1 pm on Sunday.

Our plans include Lunch on Saturday for those participating, and Supper for everyone including families and friends Saturday around 5 pm. For Supper, we ask that families bring a dish to share. The club will provide meat from Hickory River, soft drinks, buns for meat, condiments, and table service. Because seating is limited, please bring enough chairs for the family, if possible. Alcohol is prohibited in the park. The park is 2 1/2 miles North of I74 and 1/2 mile West of US 45. Best to take US45 (Cunningham Ave) North to Ford-Harris Road and go West on Ford-Harris. We will maintain talk-in on the K9CU repeater. We look forward to seeing you at Field Day!

## Field Day Items at Meeting

Once again, Steve, KR4S, of Amateur Accessories, will bring ARRL Field Day items to our meeting. They include Caps, Shirts, Pins, Mugs, and other FD trinkets. Prices are the same as purchasing from ARRL, but there is no shipping charge from Steve. It would look great if most of our members operating Field Day were wearing FD Shirts! We appreciate Steve providing the opportunity to purchase these items directly instead of placing an order.

## Amateur Radio Newsline

We enjoy hearing Amateur Radio Newsline each Thursday evening during the Champaign County Two Meter Net. However, the producer, Bill Pasternack has back problems from a fall.. He has been in and out of the hospital, and most recently in Intensive Care. He is improving, but he is not able to produce Newsline at present. The staff is searching for a replacement or at least a good assistant who can take over the program. Until someone Bill recovers, Newsline is not available at present. We are deeply concerned about this situation. We are now providing the ARRL Audio News, which is a similar format, in place of Newsline. The Audio News is created by Sean Kutzko, KX9X, who is originally from Urbana. He is the Public Relations Director for ARRL. We do enjoy hearing a local voice on the program. Please join us Thursday evenings at 9 pm for the net and Audio News on K9CU.

## Next TCARC Meeting in September

Following our usual policy, we do not plan TCARC meetings in July and August. With many Summer activities, family vacations, and other conflicts, we feel that a Summer break in our meeting schedule is worthwhile. The September meeting is normally a picnic, and we notify members of the date and location. The daily Lunch gatherings continue throughout the Summer. You can join the group anytime - just monitor K9CU shortly after Noon for the location. Mondays are at the Atlanta Bread Company on South Neil. Everyone is welcome!

## 2015 Dayton Hamvention

It's over! We survived another outstanding Dayton Hamvention last month. As always, the weekend went well. The crowd was good, with estimates of well over 25,000 attending. We had some rain, but only in small bursts for short time periods. Temperatures were nice, not requiring jackets or coats. Lots of bargains appeared in the flea market and many manufacturers and vendors sold much of their stock inside. A few new items were introduced, but nothing huge. The best announcement of the weekend was that the Hara Arena, home of Hamvention, will undergo refurbishing between now and next year, so we look forward to improved surroundings for Hamvention 2016. This is good news and should put to rest the rumors around that Hara was closing. The forums this year were excellent, as usual. Not only were there many during all 3 days, but also many more during evenings, even prior to Friday. The D-Star gathering Thursday evening was filled with many who talk regularly but never see each other except at Dayton. At Marion's Piazza, the food was excellent as was conversation. Our TCARC spaces in the flea market were enjoyed by many of our members and friends. The number of TCARC members attending was down a little, but we were well represented, as always. It was a pleasure to see former TCARC members Brian and Keith Schoenefeld, who are now living in Texas. With them was Keith's father who is not licensed, but we understand that he purchased the Gordon West Technician Study Guide while at Hamvention. We enjoyed having 3 generations of Schoenefelds with us. Brian is now K5QZI and Keith is W5TTL. Both Brian and his father Keith now hold the General Class License. We were able to use the repeater owned by Kevin, KC8RFE. He received a new Yaesu System Fusion repeater just prior to Hamvention. He had it up and running well for Hamvention - running D-Star! He found it easy to modify. Everyone had a great time, no one from TCARC won any prizes, and we are counting the days until Hamvention 2016.

