



The QFQ Report



Official Newsletter of the
Central Vermont Amateur Radio Club, Inc.

**President Gary Sheridan
N1RNJ**

802-793-7080

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**June 1, 2011
MEETING**

The Steak House
1239 U.S. Route 302
Barre, VT 05641-2353
(802) 479-9181
Meet, Greet, Eat — Short
Business Meeting 5:30-6:00
p.m.
Presentations: 6:00-???
Safe wireless networking
Using computers with ama-
teur radio

From the President,

Good Day All,
As you all know, the weather has not been very good to us lately for getting up the mountain to retrieve the repeater or having the trial run setting up the AB-577 antenna mast. I am hoping to accomplish this in the first weeks of June. At the June meeting I will again be asking what days are best for most of us to set up the antenna. Please bring your calendars so we can pick some dates. Pizza and soft drinks will be provided by the club the night of the trial run. I hope this will only take a few hours to complete. I retrieved the beam antenna and the AB-577 from Fred's WALLIE barn with the help of Wayne W1WRW and Tom KB1NGQ and have it at my house. If the recreation area is free the night we pick we can set it up there so we can mark out where it goes and make it easier to set up on field day.

I feel it's important to recognize our members for the time and energy that they have dedicated to our club so I have decided to recognize them in the monthly president's column. I want to say thank you to Allen Wilde N1IOE for the countless hours he has spent maintaining the repeater over the years. Allen has done many things that no one sees or hears of because he is humble and does not want any recognition. He also has agreed to get the repeater up and running again once it's off the mountain and in my garage. Thank you!

Wayne WA1YNE offered a Volunteer Examiner training session this past month at the Barre City Public Safety Building. From that training CVARC obtained two more VEs. Congratulations go out to Avi K1AKF and Wayne W1WRW!

Field Day is approaching and will be here before we know it. In June's meeting we will be looking for help, and assigning tasks to those who will be at field day. Following this meeting, Chris K1MHZ, John KB1SRV, and Shawn KB1TQR will be presenting on using computers with amateur radio, and setting up a safe secure wireless network for your home. Please make every effort to attend this month's meeting.

Last month's attendance was great! I feel by having a short business meeting during dinner and having a longer presentation people will be more likely to attend meetings again. It was good to see faces like AA1RW Virgil and KB1NBJ Ture. I hope to see many more old faces as time goes on.

All the Best, 73,
Gary Sheridan N1RNJ

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CLUB NEWS

MINUTES OF DIRECTORS' MEETING May 2, 2011

This meeting was attended by N1RNJ, Gary Sheridan, President; KA1KNO, Russ, Vice President; K1AKF, Avi; Treasurer.; WA1YNE, Wayne, Secretary; and W1WRW.

The meeting was opened by N1RNJ at 10:15 AM
Items discussed:

1. Embossing stamp is damaged and needs to be replaced. Not sure who was suppose to do it.
 - A. Post Office Box key given from Tom to Gary. Gary will work on getting the lock replaced and four new keys since we have no idea where the other missing keys are.
 - B. Gary goes by that Post Office regularly so he will check mail.
 - C. The bill for the P O Box will be due by June, so watch for bill from USPS.
2. Erik is working with Russ to exchange webmaster info. Erik is making some changes and updates and wants to wait until he has them complete before he makes the swap.
3. The subject of the VT Amateur call book published by Mitch being available to the club officers since it has names and addresses and phone numbers.
4. Field Day
 - A. Training for the Rocket Launcher tower and tri-band beam to be announced.
 - B. Will CERT Trailer be available for Field Day, yes. Has to be picked up Thursday
 - C. Call sign trustee for W1BD for has been signed. There is some confusion still about the KB1UJG call so it is still under WA1YNE.
 - D. The date for Field Day is still the last rainy weekend in June 24 – 26.
 - E. Field Day committees needed.
5. Avi is still Public Information Officer. We need to have someone work with him to come up with some positive items for publicity.
6. Gary's Cell is 793-7080
7. Gary also brought up the following items:
 - A. Bank signatures. He, Avi, and Tom are to be on form.
 - B. Repeater site rent due soon, 2nd week in June, watch for bill.
 - C. Tom to replace Fred as the state club registered agent with state for 501 c
 - D. IRS forms have been completed

MINUTES OF CVARC MONTHLY MEETING May 4, 2011

The **meeting was called to order** by President Gary, N1RNJ at 6:12 PM. He asked all present to introduce themselves. Those in attendance were WA1YNE Wayne, Russ KA1KNO, Virgil AA1RW, Tom KB1NGQ, Avi K1AKF, Wayne W1WRW, Alex W1AEW, Ture KB1NBJ, Josette KB1EPT, David White, Gary N1RNJ, Alton KB1ORP, Shawn KB1TQR, John KB1SRV, Joe N1PTR, and Chris K1MHZ.

The **Secretary's Report** was called for, and a motion was made by Tom KB1NGQ to accept minutes as published in the May QFQ. The motion was seconded by Virgil AA1RW, and the motion passed. The **Treasurer's Report** was given by Avi, a motion to accept as read made by Wayne W1WRW, seconded by Russ KA1KNO motion passed.

New business:

A New embossing stamp is needed, as the old one is not useable. Wayne W1WRW made a motion that we authorize Gary N1RNJ to seek out a suitable replacement and to use the amount of \$75.00 to do it with.. The motion was seconded by Ture KB1NBJ, motion passed.

We need to change the lock on the post office box in South Barre with three or four new keys, as we only know where one of the four we had are. Tom KB1NGQ made a motion to have the lock replaced and to purchase an additional key to the two that will come with the new lock.. Seconded by Virgil AA1RW, motion passed.

The group recognized Russ KA1KNO as **new webmaster** with appreciation expressed to Eric KIUS for his valuable efforts in getting it up and running and maintaining it for so long.

We will be **changing the structure of the meeting** so it will not last so long and we will not cut presenters short. Since all club members are allowed to attend the Board of Directors' meeting. We will conduct the bulk of our business there and report to the club what has been done. The new meeting time will be at 5:30 PM so we can eat and take care of the business part of the meeting and get on to the presentations sooner. Motion made by Josette KB1EPT, seconded by Alex W1AEW, motion passed.

The July 23 **annual picnic** is to take place at Virgil's AA1RW's in West Topsham.. Bring pot-

**MINUTES of BOARD OF DIRECTORS
MEETING , CONTINUED**

- E. Meeting time to start at 5:30 PM with Presentation to start at 6:00 PM
- F. Repeater to be brought to Gary's garage so we can do maintenance on it.
- 8. Meeting adjourned at 11:45 AM

TREASURER'S REPORT

Treasurer's Note: My method for preparing the Treasurer's Report changed between last month and this report. Last month I reported all income and expenses (to the best of my knowledge) to the end of April so that it would make it to the new QSQ by the end of the month. I have since decided that I want to reconcile the balance with the bank statement, which does not arrive for the previous month until the QSQ has already gone out. Thus there is a delay of a month. Please let me know if you have any concerns about this method.

Treasurer's Report as of May 1, 2011

Previous Balance	\$2261.87
Income dues	\$60.00
Expense	\$0
End of Month Balance	\$2321.87

Sunday Night Central Vermont FM Net April
Net Controls:

- 1st Sunday – Open (KB1NGQ filling in)
- 2nd Sunday – N1FMP
- 3rd Sunday – WA1YNE
- 4th Sunday – W1AAT
- (5th Sundays) – Open

April 2011 Stats:

Date	Check-ins	Minutes	Net Control
3 rd	7	42	KB1NGQ
10 th	6	17	N1FMP
17 th	4	5	WA1YNE
24 th	2	16	KB1NGQ
Totals	19	80	

**MINUTES OF MAY CVARC MEETING,
CONTINUED**

luck. Coordinate with AA1RW.

A call was made for suggested **meeting topics** for the next year. Some of the topics mentioned were: Wireless networking and how it applies to Amateur Radio, Mobile operation, Antennas (modeling, results of making, possibly basics, etc.), Alternative energy -- several Hams around the area do not rely solely on the power grid for radio -- AA1RW, N1ZRA, KC1VT, and others were suggested, Updates on the VT QSO Party, Training session on Sky Warn, RACES training and drill, Emergency communication trailer, etc.

The PLO will be more involved in club activity, so we can get some publicity for the club out before both the members and the public.

A time line was suggested for getting the **.625 repeater back on line**. It will begin with pulling the unit and moving it to Gary's garage and cleaning the entire unit, cabinet and all; repairing the cabinet as needed; fixing the control system so it is bullet proof, and then reinstalling it at the tower site by Field Day.

Field Day: Several needs for Field Day were discussed and committees appointed to assist Tom KB1NGQ, who reluctantly accepted the Field Day Chair position. Some of the positions needing to be filled are: a food committee, load in, load out, logging committee, radio set-up and mode decisions, antennas and supports. Publicity -- Avi will head up this group, VE session, GOTA station, demonstration table setup, etc.

Ideas were discussed, including a VE training session to prepare several of our members to become VEs. It was decided we would do it at the Barre Fire Dept Training room on May 11th at 5:30 PM. Bring your laptop and let Gary N1RNJ or Wayne WA1YNE know if you are going to attend.

W1WRW and KB1NGQ are to coordinate with KB1PQS about the **repairs to the clubs tri-band beam** for field day.

The **training for 8577 Rocket Launcher antenna tower** will be scheduled and probably be done at Gary's N1RNJ due to scheduling conflicts with Fred WA1LIE's schedule.

Avi K1AKF is still looking for a couple of **volunteers** to help with Corporate Cup Race on May 19th. A motion to adjourn was made by Russ KA1KNO and seconded Tom KB1NGQ and passed.

We then had a **presentation on PSK 31** by Wayne WA1YNE and **Presentation of Olivia** by Russ KA1KNO. Respectfully Submitted, Wayne A. Dorsett, Secretary



HELPING HAMS

Volunteer Opportunities

(This section is a work in progress. Please send new events, and info on events below, to jess@vtwordsworth.com.)

Date	Event	Contact Information	Newsletter page
June 5	Covered Bridges Half Marathon	http://www.cbhm.com	
June 12, Sunday	Waterbury Crop Walk	avif48@tds.net	4
July 8 and 9 Fri. and Sat.	Prouty Ultimate	www.theprouty.org	5
July 16 and 17	Vermont 100 Endurance Race	http://www.vermont100.com/	
????	Junior Diabetes Bike Ride, Plainfield Old Home Days, Northfield Labor Day		
????	Plainfield Old Home Days		
???	Northfield Labor Day		
September 25th	Vermont 50 MT Bike or Ultra Run	http://www.vermont50.com/	5

Waterbury Crop Walk: The date is Sunday, June 12 at 1 p.m. For those of you who aren't familiar with the walk, it begins at the Waterbury Congregational Church on Main Street (across from the gas station on the corner of Main and Stowe streets) and proceeds counter-clockwise for 3 or so miles. I would like about five volunteers to help with this. Plan to be there around noon time. The folks at the Congregational Church have always welcomed and appreciated our support. Please get back to me at [<avif48@tds.net>](mailto:avif48@tds.net) to let me know if you are

???? If you are aware of the dates and/or contact persons for these or other upcoming events, please send info to jess@vtwordsworth.com, editor of our QFQ newsletter. Also please send pictures of hams at this and other events, such as flea markets, meetings, and drills. Thanks, J. Noyes KINBO.

THE PROUTY AND HAM RADIO CELEBRATE 30 YEARS!

It's been 30 years since a group of four nurses at the Mary Hitchcock Hospital in Hanover, NH lost a friend and patient, Audrey Prouty, to cancer. In 1981, they decided to do a 100 mile bike ride through the White Mountains and raised about \$4000 for cancer research with that modest effort. Local hams joined a few years later to provide communications and logistics support.

Thirty years on, this response to the loss of one cancer patient has grown into a major regional event, involving more than 5000 participants and hundreds of volunteers – including more than 50 hams. Last year, we raised over \$2.3 million to support cancer research at the Norris Cotton Cancer Center at DHMC.

The event now includes several bike routes from 20 to 100 miles, several walking routes, and this year a new shell rowing course on the Connecticut River! It's not just on Saturday either – the Prouty Ultimate begins in Manchester, stops overnight in Hanover, and continues for a second 100 miles on Saturday.

The event needs to be both fun and safe, so health and route safety are prime concerns. We now have a fully staffed operations center operating with a modified ICS structure, and many more vehicles on the routes. To do this, we need many more hams now than we did in the early days.

This year's event will be held on Friday, July 8 (The Prouty Ultimate) and Saturday, July 9. We have the SAG sites covered, but still need a number of people to cover rover vehicles on both days. These vehicles have a number of missions, from route safety and rider shuttles to food delivery and bike repair. Some are ham's own vehicles, and others are provided (usually with drivers) by other organizations, depending on the mission.

If you know of someone who has or has had cancer (and most of us do!), you know the importance of the research and the hospital care involved. Please join us in supporting this vital work! You can contact Dave Colter WA1ZCN via email at: dbcolder@myfairpoint.net. You can also sign up on line at www.theprouthy.org.

Ham Radio operations for The Prouty are sponsored and supported by the Twin State Radio Club, SGARES and NH-ARES.

SAVE SOME DATES!

Happy Spring! I apologize for the tardiness of this announcement; work has been consuming my time. However it is that time of year again to save some dates for radio. For over 20 years Amateur Radio Operators have been providing communications for these local road races to benefit local charities and our communities. I thank each and every one of you that have been doing this year and year out. These thanks come not just from me, but from every committee member I meet with during the year.

[June 5th 2011 - Covered Bridges Half Marathon](#)

First is the Covered Bridges Half Marathon, Sunday June 5th 2011. This year the race committee has asked for some additional logistical support the day of the race. We will most likely need 6 to 10 radio operators this year, an increase over the past few years. <http://www.cbhm.com/>

[July 16th and 17th - Vermont 100 Endurance Race](#)

The Vermont 100 often called the "Big One" is a 100 mile foot race across some of Vermont's most beautiful landscape. During this event we provide emergency communications for the participants and race coordinators for over 30 hours.

<http://www.vermont100.com/>

[September 25th 2011— Vermont 50 MT Bike or Ultra Run](#)

The third and most active day is the Vermont 50, leaving from Mount Ascutney Resort we support close to 1000 participants riding, running and walking these 50 miles. <http://www.vermont50.com/> As in the past every effort will be made to assign operators to the same stations they have had in the past. We know the relationships that have been built over the years with the aid station crews. I know that many of us look forward to these events all year long. If you could please check and mark your calendars for these events and let me know your availability, I would greatly appreciate it.

<mailto:Robmather@mather1.com>

Home phone: 802-875-2684

Some other dates of interest:

[Connecticut Valley FM Association:](#)

June 11, 2011 - Swap meet and VE session doors open at 8:30 am.

[Prouty: July 8th and 9th](#)

[Reach the Beach: September 16th and 17th](#)

Contact: Dave Colter WA1ZCN

dbcolder@myfairpoint.net

The Central Vermont Amateur Radio Club showed a strong presence for the Vermont Corporate Cup in Montpelier on this past month. In all, ten hams participated, with three walking and seven others providing fixed communication services. Chris Craig, K1MHZ, provided capable leadership as net control. Tom Long, KB1NGQ, provided a great new awning for the net control position, and Wayne Whitelock, W1WRW, as he has in the past, provided the a mobile position from the north end of the run and worked as a sweep vehicle. In all, the walk/run benefited from competent and professional communication support, tracking lead runners and walkers and liaising with race officials. CVARC also benefited from the credits provided over the public address system acknowledging our contribution. Great job all!



From left to right under the awning are Russ Schauer, KA1KNO; Chris Craig, K1MHZ; Ed Hutchinson N1FMP; Fred Dotens, N1OEP; Avi Freund, K1AKF; Wayne Whitelock, W1WRW; and Tom Long. In addition Marie McClay, WA1YJX and Ken and Fran Blair, KB1GPQ and KB1GPP, walked the course as participants with their handhelds.

Approximately 2,800 participants ran and walked past CVARC positions.

Repeaters

The Central Vermont Amateur Radio Club hosts two repeaters:

W1BD, Williamstown, VT

- Ω Current status: **normal**
- Ω Frequency: 146.625 MHz
- Ω Offset: -600Hz
- Ω P/L tone: 100Hz

Ω Coverage: Very good to excellent in all directions except west; covering east into New Hampshire, north to Barton and Brownington, northeast into Williston and Grande Isle, southeast to Rutland, south to Royalton.

W1BD, Cabot, VT

- Ω Current status: **normal**
- Ω Frequency: 146.820 MHz
- Ω Offset: -600Hz
- Ω P/L tone: 100Hz

Ω Coverage: excellent through St. Johnsbury into northern New Hampshire; good to the north, west, and south.

Central Vermont FM [Net]

When: Every Sunday at 8:00 p.m. Eastern Time.

Where: W1BD 146.625 repeater on Mt. Pleasant, Williamstown, Vt.

BACKSCATTER

We're Everywhere! — Coupla pictures I took during our recent winter in Peru.

- J. Noyes, QFQ Ed.



Typical Peruvian Middle-Class Home



Non-Typical Peruvian Middle Class Home
Hmm...I wonder what kind of person lives
in a place like this?