



The QFQ Report

January 2007



The Official Newsletter of the Central Vermont Amateur Radio Club Inc

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THE JANUARY MEETING WEDNESDAY JAN 3, 2007

Dr. Rex **AA1KL** Carr will present a program on Winlink 2000 at the January **CVARC** meeting which will be held on the campus of Norwich University in Northfield, VT. You will find details and directions at the end of this announcement.

Rex is the New Hampshire emergency coordinator for southern Grafton County and the Vermont area emergency coordinator for Windsor County and will demonstrate how the Winlink 2000 integrated digital system links the VHF/UHF packet networks, ham-to-ham radio messages and internet e-mail – worldwide!

You will not want to miss this very important and timely presentation because Winlink 2000 holds out the promise of becoming the cat's me'ow in emergency communications and has been adopted by ARES and the ARRL as a prime communications tool for disasters.

Our meeting will begin at 6:30 pm in the "Distance Learning Classroom" of Norwich University. The DLC is located in the Northfield Armory on campus. Here are directions: Norwich University is located in

Northfield just south of the town center on Vermont Route 12.

At the University look for the entrance from Route 12 that has the Vermont State Historical Marker. Go through the entrance and take the S-turns up the hill to Cram Drive. At the top of the hill take Cram Drive which will take you to the Armory which looks like a castle sitting in a large field.

As you enter the Armory, keep an eye out for CVARC members who can point the way to the Distance Learning Classroom or other exhibits and demonstrations. A number of groups have been invited to join CVARC for this presentation so we need to be mindful that we are their hosts and assist them as needed. Out thanks go to program chairman Fred **WA1LIE** Messer for working out the details of the January meeting.

CVARC NEWS

by
Allen W1AAT, President



The FCC's announcement that Morse code will no longer be required to obtain an amateur license solved a major chunk of my gift giving ideas this holiday season. I cleaned out Barnes and Nobel's supply of the Technician manual in Burlington and sent one to my twin brother in Tennessee, another to my son and daughter-in-law in Washington state and another to my daughter and son-in-law in Massachusetts. I'm hoping

that they will soon have the Technician level behind them and that their passage through the two meter stage will be fun, but brief, and that in the not too distant future they will be pointing their 20 meter beams toward New England! These five friends and their offspring will make great additions to the Ham radio community for they are already sterling personalities and it wouldn't surprise me in the least to see a few of them become CW aficionados in due course. I hope that you too will consider bringing into our fold friends known to you who might not otherwise come to know the great joy of our hobby because of the imposing chore of learning the code.

Classes begin next week at the Berlin National Guard Armory! Now is the time to encourage those of great character and integrity to become an Amateur Radio Operator! You'll find all the details elsewhere in this newsletter. Let's look forward to a magnificent influx of new talent and personalities in the days and months ahead and anticipate that this new ruling will be the impetus that Ham Radio has needed in order to assure its future health and viability.

FEBRUARY CVARC MEETING

Our February club meeting will be held on **Tuesday** rather than Wednesday. The date is Tuesday 6 February. The time is 6:30 pm and the place will be **CAESAR'S FARE** on Route 14 in South Barre. This change in meeting date is necessitated to accommodate our speaker who attends or teaches a college class this semester on Wednesdays. The subject of our program will be the Civil Air Patrol and its need for trained and experienced radio operators. A good number of our members have indicated an interest in helping the Patrol accomplish its mission and the evening promises to be most

informative and a good introduction for those who wish to become part of the Civil Air Patrol community.

SOME BYLAWS ISSUES

While **CVARC** was not required to file a copy of our Bylaws when we incorporated, the Vermont Secretary of State strongly encouraged organizations also filing for IRS 501-C-3 tax status to include the following "boiler plate" language in their Vermont Articles of Incorporation and in their Bylaws filed with the IRS.

Have a look at the following language, and, if you have a problem with any of it, kindly be in touch with me at your earliest convenience. You're going to be asked to approve this language at the April Annual Meeting and we want all questions and discussion of the issues settled well before that time.

- No part of the net earnings of the corporation shall inure to the benefit of, or be distributed to its members, trustees, officers, directors or other private persons, except to pay reasonable compensation for services rendered.
- No substantial part of the activities of the corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the publishing or distribution of statements for any political campaign on behalf of any candidate for public office.
- Notwithstanding any other provision of this document, the corporation shall not carry on any other activities not permitted to be carried on by a corporation exempt from federal income tax of the IRS code.
- Dissolution: Upon the dissolution of the corporation, assets shall be distributed for one or more exempt purposes within the meaning of the IRS code, or corresponding future code, or shall be distributed to the federal, state or local government for a public purpose. Any such assets not disposed of shall be disposed of by the Court of the county in which the principal office of the corporation is located exclusively for such purposes or to such organization(s) as said Court shall determine.

Again, this is "boiler plate" and has been gone over with a fine tooth comb by thousands of lawyers. If you have questions about any of it,

please don't wait until the eleventh hour to voice your concern. Such behavior will not insure your popularity among the membership of CVARC!



KD6PCE on Mt Washington

SPEAKING OF OUR TAX STATUS

Contributions to the **Central Vermont Amateur Radio Club, Inc.** are tax deductible in 2006. If your budget for "charitable organizations" is not yet expended, let me encourage you to consider a donation to CVARC. It's very simple to do. Make out a check to the club and date it December 31, 2006 or earlier and communicate it with as much fanfare as you deem appropriate to our Treasurer. We will happily arrange for a flotilla of sailing ships with fireboats blasting long columns of water and flowers across your path or arrange for a motorized escort with horns and graffiti floating down from above. I can think of no finer organization nor one more deserving of your support than the **Central Vermont Amateur Radio Club, Inc.** Many gifts at year end or indications of gifts to be made in 2007 will help us to plan our next year's program and activities with new confidence and purpose. Many, many thanks for your kind consideration!

TRACK AN EAGLE

The Vermont Fish and Wildlife Department has released five young radio banded eagles from their Dead Creek facility in Addison. They are asking hams in New England to monitor their radios and to report any birds heard. The birds are:

Eagle One: 167.106
Eagle Two: 167.133
Eagle Three 167.928
Eagle Four 167.979
Eagle Five 167.995

What you are listening for is a slow beep which will indicate that the bird is alive and in your area. A rapid beep indicates that the transmitter has been motionless for eight hours or more. If you hear either signal, contact Amy Alfieri or David Sausville and the Dead Creek Center, 802 349-8805.

NEW BAND PLAN

Copies of the revised December 15, 2006 US Amateur Radio Frequency Chart and the ARRL Band Plans are available from the ARRL web site. Here are the locations: <http://www.arrl.org/FandES/field/regulations/bands.html> click on "frequency allocations" and follow directions for printing the chart.

For the Band Plans: <http://www.arrl.org/FandES/field/regulations/bandplan.html>

VT QSO PARTY 2007

A lead volunteer and helper volunteers are needed to organize CVARC's VT QSO PARTY coming on the first weekend in February. As you may know, our club has sponsored this event for many years. This is quite a production and the task includes securing a location, staffing and food and other amenities such as logging software, etc. We then receive logs, tally scores, fill out and mail certificates. While one person can, and indeed did, all the work involved, the QSO PARTY lends itself to a group effort and can be a lot of fun if many people are involved in its preparation and execution.

Here is a summary of the rules as presented in February's QST magazine:

CW/Phone/Digital, sponsored by the Central Vermont Amateur Radio Club from 0000Z Feb 3 (7 pm EST Fri. 2 Feb) to 2400Z Feb 5 (7 pm EST Sun.

4 Feb). Frequencies (MHz): 160-10 meters and VHF/UHF; CW 40 kHz from band edge (20 kHz Novice/Tech segments), Phone -- lowest 25 kHz of General segment and entire Novice/Tech 10 meter band, VHF SSB-50.200, 144.200, FM-146.49, 146.55. Categories: SOAB (Single Operator All Band, MO (Multiple Operator-Multi Transmitters, Club and Rover. Exchange RST and VT county or State/Province/Country. QSO points: Phone = 1 pt, CW or digital = 2 pts. Work stations once per mode up to four QSOs per band. Score: QSO points times VT/NH/ME counties plus Vermont Club Stations. VT stations only add S/P/C, each counted only once. For more information and list of club stations: qsl.net/w1bd. Logs due Mar 1 to trlong1@comcast.net for transfer to the Vermont QSO Party Coordinator or mail, Central Vermont Amateur Radio Club, PO Box 74, South Barre, VT 05670-0074.

A happy and prosperous New Year to you and yours,
Allen, **W1AAT**



KB1NDS and his vertical antenna?

HAM RADIO CLASSES TO BEGIN 5 JANUARY WITH WA1LIE

The first session and organizational gathering of Fred **WA1LIE** Messer's class for Technical and General class licenses will get underway on Friday 5 January 2007 at 6:30 pm at the Berlin National Guard Armory near the Central Vermont Hospital and next door to the Toyota dealer in Berlin.

All wishing to begin with the Technician level license should

appear at 6:30 pm followed by General Class candidates at 7:15 pm ish. Come inside and join the fun whenever you arrive at the Armory. Textbooks and details on expenses and the future class schedule will be available at this first meeting.

FIRST WINTER FIELD DAY JANUARY 13-14 2007

The first Winter Field Day will be held from 12:00 noon on Saturday January 13, 2007 to 12:00 noon on Sunday January 14, 2007 local time. The object of the event is to set up emergency-style communications and make as many contacts as possible during the 24 hour period. The rules encourage as many contacts on as many bands and modes as possible, because during a real emergency, the most important factor is the ability to communicate, regardless of band, mode or distance. For more information, see <http://www.spar-hams.org/contests/winterfd/index.php>

Submitted by Wayne **KB1NDS** Dorsett

EMERGENCY COMMUNICATIONS COURSE ARES LEVEL 1

CVARC members and others interested in becoming trained and certified ARRL ARES Emergency Communications specialists are reminded to contact Fred **WA1LIE** Messer for all the details. You can reach Fred via e-mail at fmesser@madriver.com or phone at 802 496-3566.

E-MAIL CHANGES (A Note From Paul AA1SU)

As you may know, Adelphia is now Comcast. If Adelphia is [was] your Internet provider, you have been asked to go to a web site to make the changes to your email address, and to notify your friends. I am writing for you (Adelphia users) to make sure that you take the next step. Go to the ARRL web site and update your forwarding email address for your ARRL emails and ARRL alias. Otherwise, you will miss out on my Section News Summaries, and other ARRL Bulletins that you may be subscribed to.

To do this, go to www.arrl.org and log in. Click on Member Data Page. Click on Modify Membership Data (at the bottom). Change your email address. Click on Submit Modification.

You can also check what Bulletins you are subscribed to here and adjust, as you feel needed. I recommend not checking the Publication Announcements and Special Offers box: but that's just me. There is a new box to check this year, that I just noticed. It is the IARU E-Letter. I'm adding that to my list for sure.

These steps need to be taken any time you change your email provider. We have all done that over the years, and it is likely to happen again. So always remember to go to the ARRL web site and update your new email address whenever this happens; not just this time.

73 for now, and take care.

Paul N. Gayet, **AA1SU**

ARRL Vermont Section Manager

INSTRUCTION AND SERVICE MANUALS

On another note did you know there is a site with almost all the instruction and service manuals for older Amateur radio equipment? It is www.mods.dk/ You have to become a member (free), but for those who have older rigs this could be of great value.

Submitted by Wayne **KB1NDS** Dorsett

DATES TO REMEMBER

2007

Jan 1....."Straight Key Night"
Jan 3 Meeting: Rex Carr on WinLink 2000
Meeting at 6:30 pm at Norwich University
Jan 5 Tech & General Classes start w/**WA1LIE**
Jan 13-14 ... Winter Field Day (see notice)
Feb 2, 3 & 4 Vermont QSO Party
Feb 6 **Tues.** CVARC Meeting....Civil Air Patrol
Feb 24 **Saturday**.....RANV Milton Ham Fest
March 7 WedCVARC Monthly Meeting
Business: Recommended Bylaws Changes
April 7 (Sat) CVARC Annual Meeting
Adoption of Bylaws & Election of Officers
May 2 Wed CVARC Monthly Meeting
May (Dates to be announced) ... HossTraders
June 6 Club Planning Meeting for Field Day
June 22-24 Field Day at Barre Town Rec Pav.

RECENT PROGRAMS

Jan, 2005 **W1AAT** Goal Setting
 February **WA1LIE** CERT & ARES
 March **KD6PCE** on Mt Shasta
 April **CVARC** Annual Meeting
 May **N1BQ** Automatic Packet Reporting
 June Preparation for Field Day
 July **NWS** Summer Skywarn Training
 Aug **W1WRW** on J Pole Antennas
 Sept Mike **N1JEZ** Sequin's Rover
 Oct Dick Cracier Marconi Wireless Soc.
 Nov **W1KR** Telegraph Keys
 Dec Holiday Party at Susanna's

Jan. 2006 **NWS** Winter Skywarn Training
 Feb **W1DEC** on R.A.C.E.S.
 Mar **W1WRW** on Incident Command Sys
 Apr 1 **CVARC** Annual Meeting
 Apr 5 J Pole 2 Mtr Antenna Construction
 May 3 VT Sec Mgr **AA1SU** & **W4YTJ**
 June 7 Planning for Field Day 2006
 July 5 Repeater Operation with **N1GBB**
 Aug 2 **K1ZK** and the Nat Radio Astro Obv.
 Sept 9 ... **CVARC** Picnic at MeadowCrest Farm
 Oct 4 .. Evaluate September's Emergency Test
 Nov 1 **W2HDI** on "Menu Driven Transceivers"
KB1NBN & **K1HTJ** "Satellite Communications"
 Dec. 6 .. Holiday Party at the Hilltop Restaurant

Minutes of Last Meeting

Those attending the 6 December, 2006 Holiday Party of **CVARC** included:

Josette Messer -- **KB1EPT**
 Chris Craig -- **KB1NBN**
 David Craig with **KB1NBN**
 Bob McCorkle -- **WB1AJG**
 Jane English -- **KD6PCE**
 Ture Nelson -- **KB1NBJ**
 Art Rank -- **KB1NHV**
 Tom Long -- **KB1NGQ**
 Jackie Long with **KB1NGQ**
 Alex Whitelock -- **W1AEW**
 Wayne Whitelock -- **W1WRW**
 John LePage -- **N1ZHH**
 Allen Tinker -- **W1AAT**
 Fred Messer -- **WA1LIE**
 Carolee Stridsberg -- **KB1CAS**
 Lonny Stridsberg -- **AA1YF**
 Lorry Pecor -- **K1YP**
 Ed Hutchinson -- **N1FMP**
 Joe McKeon -- **N1PTR**
 Bill Lindie -- **K1HTJ**
 Chris Armstrong -- **KB1NVZ**
 Chris Knox -- **N1GBB**
 Pam Knox with **N1GBB**
 Steve Board -- **KA1LHZ**

A great good time was had by all who attended the **CVARC** gala holiday party at the Hilltop Restaurant in December. The prime rib was the best ever and everyone enjoyed their fare as served and devoured! Chris Craig **KB1NBN** brought along a Lego robot which he had trained to follow a black lined triangle which impressed everyone. Chris continues to amaze

us with his expanding interest, enthusiasm and expertise.

Lonny **AA1YF** Stridsberg continued the winning streak begun in October at HossTraders by drawing the #1 from the Yankee Swap hat. Lonny took home a lovely pair of antenna mounts and will no doubt have another vertical antenna airborne at this writing. Bill **K1HTJ** Lindie, ever on the lookout to expand his DX horizons found the DX bible irresistible and fortunately no one coveted it enough to relieve Chris **KB1NVZ** of future questions about big time antennas on the low bands! Art **KB1NHV** Rank took home a very warm pair of winter socks and Chris **KB1NBN** Craig carried home the very nice ARRL CW tapes (little did he know). Alex **W1AEW** and Wanye **W1WRW** Whitelock picked up a Radio Shack Frequency Counter and a roll of Coax respectively. Ture **KB1NBJ** Nelson took home a nice set of screwdrivers and Bob **WB1AJG** McCorkle some new stationery. Various other Yankee Swap gifts and gadgets will no doubt show up next year and we hope that you already have the Holiday Party 2007 on your calendar!

Respectfully submitted by Secretary pro tem:

Allen **W1AAT** Tinker

TREASURER'S REPORT

Beginning balance\$997.44

Income

Dues20.00

50/50 Raffle 12/0627.00

501-C-3 contributions

W1AAT/ Allen..... 200.00

KB1NPF/ Ron.....25.00

Expenses

Spare Repeater Pwr Amp (.75.00)

Check to **W1AAT**/Allen

Balance

Total1194.44

Loans Whitelock...(500.00)

Messer.....(600.00)

Grand Total with loans paid....\$94.44

KB1EPT/Jo

Support CVARC

Our Treasurer, Jo **KB1EPT** Messer, is in a most receptive mood to receive end-of-the

year tax deductible contributions to the Central Vermont Amateur Radio Club, Inc. To receive tax credit in 2006, your check must be dated on or before 31 Dec. 2006.

Full membership: \$20 per year

Family memberships: \$25 per year

Sustaining Membership: \$75 per year

Contributing (Nonvoting) Membership: \$10

Mail your membership fees or deductible contributions to Treasurer:

Josette **KB1EPT** Messer

317 Meadow Road

Waitsfield, VT 05673

FCC LAUNCHES NEW BUREAU

The Federal Communications Commission has created a new Public Safety and Homeland Security Bureau. The new bureau will be responsible for developing, recommending, and administering the agency's policies pertaining to public safety communications issues, including 911 and E911, operability and interoperability of public safety communications, communications infrastructure protection, and network security and reliability. It will also serve as a clearinghouse for public safety communications information and take the lead on emergency response issues. A primary goal of the bureau will be to support and advance initiatives that further strengthen and enhance public safety and emergency response capabilities to better enable the FCC to assist the public, first responders, law enforcement, hospitals, the communications industry, and all levels of government in the event of a natural disaster, pandemic, or terrorist attack.

More details on how the new Bureau will impact the Amateur Radio role and responsibilities as they are developed. Thanks to Wayne **W1WRW** Whitelock for this info.

CVARC NETS

Central VT FM Net
 Sundays at 0000 UTC
 (7 PM EST)

On the 146.625 Repeater
Net Manager, W1AAT

Net Control Operators

1st Sunday Bob McCorkle/WB1AJG
2nd Sunday Ed Hutchinson/N1FMP
3rd Sunday Allen Tinker/W1AAT
4th Sunday Jo Messer, KB1EPT
5th Sunday Chris Craig, KB1NBN

The Central Vermont FM Net opens every Sunday at 0000 UTC or (7pm EST and 8 pm EDST) on 146.625 MHz, negative offset, 100 hz pl tone, and runs until all stations have been acknowledged. This W1BD repeater is located on Mount Pleasant in Williamstown, Vermont. W1BD also runs a repeater in Cabot, Vermont on 146.82, negative offset, and a 100 hz pl tone.

FM NET REPORT for 2006

Central VT FM Net – Sunday at 0000 UT
146.625 -60 PI 100

	Jan	Feb	Mar	Apr	May	June
Sessions	5	4	4	5	4	4
Check Ins	71	62	75	99	74	74
Traffic	4	3	3	3	3	3
Time (Mins)	277	210	232	316	234	192

	Jly	Aug	Sep	Oct	Nov	Dec
Sessions	5	4	4	5	4	3*
Check Ins	76	72	75	91	62	49
Traffic	4	3	3	4	3	4
Time (Mins)	190	217	212	283	179	161

* Data for 3 of the 5 Sessions in December

Immediately following the Central Vermont FM Net on Sunday evenings, QSY to 146.49 simplex. This “after net” discussion gives us a chance to continue the dialog and explore the propagation patters in North Central Vermont. We are often surprised and amazed by stations we can talk to on simplex.

Upper Winooski Valley Ares Net
Mondays on

146.49 Simplex at 6:30 PM
Net Control Stations are assigned
Net is called on 146.52 and QSYs to
146.49 MHz

Central Vermont ARES Net (CVAN)
Mondays on
146.49 Simplex at 7PM
Net is called on 146.52 and QSYs to
146.49 MHz

Net Control Stations

1st Monday - WA1LIE, KB1EPT
2nd Monday - W1AAT
3rd Monday - KB1GPQ
4th Monday - K1YP
5th Monday -- WA1LIE, KB1EPT

CVARC 160 Meter Rag Chew Net
Mondays on
1.966 MHz at 8 PM
Everyone is welcome
W1KR and others host the net

Chris KB1NBN Craig's
2 Meter SSB Net on 144.55
at 7 pm on Thursdays
All Central Vermont Hams with SSB
capability are invited to check in and to
pass the word.

“GOOD NIGHT IRENE”/“JOHN BOY”
Monday through Saturday at 8 PM
On the
146.625 Williamstown Repeater

Net Control Stations
Monday - Bob WB1AJG McCorkle
Tuesday – Wayne KB1NDS Dorsett
Wednesday - Bill K1HTJ Lindie
Thursday – Arnie K1ARN Utten
Friday – Steve KB1KJS Pierce
Saturday – Chris KB1NBN Craig

Join your CVARC friends at the end of the day. An informal net chaired by many members to touch base with friends just before bedtime for the early risers among us. Join your CVARC friends for a delightful half hour before you pack it in for the evening.

“GOOD MORNING WORLD”
with Wayne KB1NDS Dorsett
on 146.625 at 5:30ish am
Join early risers and early morning
commuters for a “rise and shine” Vermont
morning. Daily on the 146.625 Repeater.

CVARC Officer's

President – Allen Tinker/W1AAT
496-4013 tinker@madriver.com

Vice-President – Fred Messer/WA1LIE
496-3566 fmesser@madriver.com

Secretary — Ken Blair/KB1GPQ
496-2836 kblair@yahoo.com

Treasurer - Jo Messer/KB1EPT
496-3566 fmesser@madriver.com

Repeater Trustee – Allen Wilde/N1IOE
acw@charter.net

QFQ Editor – Tom Long/KB1NGQ
trlong1@comcast.net

Webmaster – Steve KK1VT Allen
W1BD Website

<http://www.qsl.net/w1bd>

You can also find this issue of QFQ
posted to our website.

If you have anything you would like to
post on the site, suggestions or what
ever, please give Steve/KK1VT a jingle.
He needs items to post to get our site up,
running and looking beautiful.

Amateur Radio License
Testing Schedule

CVARC will offer testing by appointment
most anytime. Test location is
WA1LIE/KB1EPT's QTH in Waitsfield, or
for large groups, the Berlin National
Guard Armory.

Every second Friday of the Month the
Burlington Area VE Team conducts
examinations at 6:30 pm at the Red
Cross Chapter House at 29 Mansfield
Avenue in Burlington. While walk-ins are
welcome, you may contact Ralph Stetson
at 802-878-6454. His e-mail address is:
KD1R@ARRL.NET.

BACKSCATTER

FCC RULES CHANGE: NO CODE!

This is, and has been a hot topic that
many CVARC members weighed in
on. However, most of the responses
probably did not reach all CVARC
members on the e-mail distribution as
there are two lists. With well over
100 names on the distribution, I have
to cut the list in halves to manage
sending out the QFQ's &
correspondence. Those who thought
they were reaching all CVARC were
probably not. I have taken the liberty
to edit in some of the responses re:
dropping the Code Requirement.

“...goes to show what [expletive
deleted] arrl and fcc really are”

“...Accept it! It's here to stay. You
want to mitigate the mess you
perceive being created then become
an elmer and make sure these new
hams learn it right...”

“...We all knew the end of code was
coming, yes? But, it will not mean the
code is gone! I myself, will dig out

the Kenwood that was never used and if the time will allow I'll upgrade to use it... Just think of all that hard work the Extra class went through. It will not and should not be forgotten..”

“...now code will have shed it's image as "fearsome dragon that guards the gates to HF" and has the potential to take on a whole new look -- that of a really interesting part of ham radio that talented and motivated hams enter into through their own free will and hard work. A positive move, I think...”

“...For 31 years I have been proud to be a HAM. Suddenly, it's I WAS proud once, to be a HAM...”

“...We can pick up our marbles, or play them the best we can...”

“...I've been a ham for 47 years, hold my extra license, and look forward to the healthy growth of the hobby that this will bring...”

[Space does not permit adding all the text, of all the responses. I hope, in editing, I captured the gist of each response. 73, Tom **KB1NGQ**, Editor]