

The CVFMA Newsletter



CVFMA NEWSLETTER

VOLUME 2 No. 4

DECEMBER 1997

FALL MEETING ELECTION RESULTS

The fall general meeting of the CVFMA was held Sunday, October 19 at noon at the Sugar River Savings Bank in Newport with the usual delicious potluck luncheon. The following officers and directors were elected:

President, N1SCT, Robert Stewart, Reading; Vice President, N1PZP, James Geschwinder, Newport; Secretary, N1SJK, Norm Cobb Jr. of North Walpole; Treasurer, WB1GXM, Conrad "Butch" Ekstrom, Claremont; Director-at-Large, N1SCV, Robert Richard, Springfield.

WB1GXM gave the treasurer's report, copies of which were circulated around to the membership and accepted as read. General fund, \$1,242.49; Repeater maintenance fund, \$1,884.64; phone patch fund, \$137.89; CVFMA ARES fund, \$190.00; scholarship fund, \$578.50; memorial fund, \$34.10; total \$4,067.62. Expenses, May 14, 1997 - October 19, 1997, were as follows: Nynex, \$278.38; AT&T, \$25.67; ARRL money sent in for members, \$162.00; directions for auto-patch usage, \$2.95; box rental and postage, \$55.03; repeater maintenance, \$264.49; newsletter expenses, \$114.86; insurance, \$174.27; WX net pads and binders, \$22.73; 2 meter Yagi hamfest prize, \$114.95; two

scholarship awards, \$700.00; field day expenses, N1JTN, \$90.94; VT ETV, \$145.00; interference committee (vox recorder, cables and telephone expenses) \$244.66; ARES signs, \$167.00; VT Search & Rescue dues (from ARES fund) \$25.00; subtotal, \$1,479.69.
(Budget, cont. on page 3)

CABIN FEVER BLUES DINNER

Mark your calendars folks! The annual Cabin Fever Blues Dinner will be held Saturday, January 24, 1998 at the Homestead Inn in North Walpole beginning with Happy Hour at 5 p.m. Dinner is served at 6 p.m. Cost is \$18.00 per person which includes tax, tip, coffee and dessert. Dinner choices are: Broiled Scallops, Baked Chicken, Baked Scrod or Roast Beef.

Please send check and choice of dinner to KA1III, Pauline R. Ellis, 66 Jarvis Street, Windsor, VT 05089 by January 17, 1998. Final arrangements will be made after the mailman comes on the 17th; this is a firm deadline. See you there!!

Inside this Issue:

- * Fall Mtg. Election Results
- * Cabin Fever Blues Dinner
- * Silent Keys
- * FCC Bulletins of Interest
- * In the Kitchen With Bea Wood
- * CVFMA Membership Renewal Forms
- * New Newsletter Editors
- * CVEC News

SAMRATS BREAKFAST

The Saturday A.M. Radio Amateur Technical Society meets for breakfast the last Saturday of each month at 9:30 a.m. at B.J. Brickers in Claremont. Contact KA1III if you plan to attend or for further information.

ARRL BULLETINS**FCC ISSUES NEW FORM 610**

The FCC has announced that as of January 1, 1998, Amateur Radio applicants may only submit FCC Forms 610, 610A and 610B that carry an edition date of September 1997. After the first of the new year, previous editions of Form 610 will not be accepted for filing by the FCC or by Volunteer Examiner Coordinators (VECs). Amateurs may begin using the new Form 610s now.

The major change on the new form is a certification that says the applicant has "read and will comply with Section 97.13(c) of the Commission's Rules" regarding RF radiation safety and the amateur service section of OST/OET Bulletin No 65, Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

But, Amateur Radio Supplement B of Bulletin 65, which has additional information on how to conduct a routine RF safety evaluation and explains other aspects of RF safety, is still in the draft stages and not yet available to the ham radio community. ARRL Executive Vice President David Sumner, K1ZZ, said it's essential that the FCC make Supplement B available in time for hams to complete

their evaluations to meet the deadlines in the rules.

ARRL Lab Supervisor Ed Hare, W1RFI, who's been involved in reviewing the draft supplement, said he expects the FCC to release it sometime in November. "Above all, it is important that the required station evaluation be as easy as possible for hams," he said.

"The FCC has pretty much met that goal. Additionally, most hams, by virtue of their power levels, will not need to do an evaluation at all."

(Form 610, cont. on page 5)

SPACENEWS

SpaceNews originates at KD2BD in Wall Township, NJ. It is published every week and is made available for non-commercial use. The following items from SpaceNews were submitted by NOJSR, James Dean, dated November 24, 1997.

AMSAT-OSCAR-16 NEWS

AMSAT-OSCAR-16 continues to perform well in "pacsat" duty. The kernel is reporting an uptime of over 1160 days. The following status message is being carried by the beacon on 437.051 MHz:

PACSAT-1>AMSAT<UI>:

November 1997

PACSAT AO-16

Owned and operated by

AMSAT-NA

Command Team WJ9F, WDOE,

VK7ZBX, KB5MU

AO16 Command Team <WJ9F>

WEB PAGE FOR MIR

MIREX has created an Internet Web Page containing information regarding Mir and the various Amateur Radio experiments taking place from the space station.

(More SpaceNews, page 7)

(Budget, cont. from page 1)
Income for this period was as follows: interest, checking account, \$36.43; ARRL renewals, \$6.00; new general membership, \$75.00; scholarship fund, sun bike association, \$20.00; 20% scholarship buffer, \$47.30; autopatch fund, \$5.00; 1997 Hamfest, Lempster, \$258.00, total \$1,927.32. Bob Boyd then submitted a check for \$198 for the scholarship fund from the Newport Chamber of Commerce. Minutes of the August 14 board of directors meeting were presented. Norm Cobb, N1SJK, gave a report on the field day and Polly, KA1III, reminded people of the ham radio breakfasts the last Saturday of the month at B.J. Brickers in Claremont starting at 9:30 a.m. There was a report on the repeater maintenance. A long discussion ensued about "linking" the repeaters. After some maneuvering it was voted that the Board of Directors assemble information to pass on to the membership about "linking" and what it involves. Another long discussion ensued about P.L., which is shorthand for "private line." The repeater has P.L. capability but nothing is hooked up. A P.L. would require a ham radio operator to have a radio with PL capability before being able to get to the repeater. P.L. will only block transmission/interference not meant for the repeater. It will not stop malicious interference (there was a problem with interference earlier this year.) N1NCT, Bob Stewart, stated that P.L. would not be put into effect unless the membership voted for it. After further discussion it was voted that the Board of Directors "educate the general membership

on the topic of P.L." for the repeater. Articles on P.L. and "linkage" will be appearing in future issues of the newsletter. Both motions were passed by voice vote with N1FQS, Clarence Merritt, voting no. It is anticipated that the membership may be polled, or asked at a future meeting to vote on, these matters. The consensus was that more information was needed before the membership should be asked to make any decisions addressing the possible implementation of this technology.

NEW NEWSLETTER EDITORS

Newsletter editor NOJSR, James Dean of West Lebanon asked not to be reappointed to that position. He will be a hard act to follow. Thank you James for a job well done. Your new CVFMA newsletter editors are N1TIA, Ken Mastro of Claremont, and his XYL, Margo Howland Mastro, who at this time is only a SWL but has already decided on a New Year's Resolution to get her No-Code Tech license in 1998. Items for the newsletter may be e-mailed to Margo at work at mhowland@sover.net. Your comments and suggestions are welcome. The CVFMA Newsletter is published quarterly in March, June, August and December and articles for publication must reach us by the 15th of the month prior to the month of publication. It will greatly speed up our printing and layout if articles longer than one page are submitted with a small (3.5") floppy disk containing the text. To accommodate different word processing programs the copy should be in ASCII for an IBM compatible computer.

CONNECTICUT VALLEY**EMERGENCY COMMUNICATIONS NEWS**

The Connecticut Valley Emergency Amateur Radio Group, (formerly the Windsor County ARES) had an exceptional year providing public service communication. Last year we provided a little over 2000 personnel hours; this year we went over 3000 personnel hours.

May 3 - BSA Spring Hike-O-ree
We started 1997 off with the BSA Spring Hike-O-ree at Mount Ascutney, Vermont. Marlon KA1SMC did an excellent job coordinating this event. Marlon did deny all responsibility for the freezing rain, sleet, and snow, that day.

April 19 - DHART Ground Safety Training
Members attended a class presented by Dartmouth Hitchcock Air Response team. This class was set up for area fire departments. Connecticut Valley Emergency Amateur Radio Group was invited to attend because of our dedication to emergency communication.

May 4 - March of Dimes
March of Dimes walk in Springfield and Bellows Falls was the next event. This put our resources in two towns at the same time. This provided us confidence for the next project.

May 20 - America's Tour De Sol
With assistance from two other ARC's, we covered this event from Northampton, Massachusetts to White River Junction, VT.

June 16-17 - Leadership & Influence Course
This class was presented by VT Emergency Management.

July 19-20 - 100 Mile Endurance Run

Sponsored by The Vermont Adaptive Sports and Ski Association, to support year round sports for physically challenged athletes. Starts at 0400 hrs. on Saturday and ends 1000 hrs. Sunday.

July 25-27 - The Siege at Old Fort Number 4
Amateur radio personnel from 4 different states provided communication for the re-enactment of the Siege of 1747. Norm N1SJK coordinated the event superbly. Norm did take credit for the fantastic weather.

August 16-18 South Strafford, Vermont Search
In support of the Vermont State Police, we assisted in an attempt to locate an 81-year-old Alzheimer victim.

September 25-26 - South Reading Search
This search ended when the missing person was located safe at a friend's home.

October 5 - 50 Mile Run and Bike Ride
This is not a walk in the park for the participants. It is literally over hill and dale. Marlon KA1SMC did a superb job coordinating this event. Marlon once again denied responsibility for the cold, rain, and fog.

SUNAPEE BIKE

By the end of this year we will have participated in 52 ARES Training Nets and 10 ARES meetings. This ends this year and what a year.

Thank you for participating!
de N1NCT, Bob Stewart

EMERGENCY COMMUNICATIONS PARTICIPANTS RECOGNIZED

The following persons participated in the Connecticut Valley Emergency Communications activities in 1997:

N1JIB W1IXA WB1APU K1LES
 N1JSG AA1KL N1JRA
 KA1III KA1IIJ N1PKP N1WWO
 KL7DN WB2NWR N1PPP
 N1MEU N1SCV WB1GXM AA1PK
 KE1CT NU1A KA1IWY
 N1FQS KA1SMC N1TBB N1TJN
 K1CLD N1NPP N1LBZ
 K1ZUT N1QNX KA1ZYH N1WZR
 NOJSR N5IEP WA1ZCN
 N1HAC N1JIF KA1YUT WB1EAE
 WB1FIC N1TIA WZ1C
 N1ZES N1YMX N1SJK N1NCT
 N1YTA KA1BUM KD1XP
 N1EWK N1SCL WB1BRE N1BJF
 N1EMF WA2JIE KA1LDS
 KB1BYB N1ZDR KA1OAR W4PAS
 W1IS N1RSY KB2FF
 N1NGF N1ZCM N1WEG KB1BMB
 N1YTW N1CIR N1TGB
 N1WYW K1ZS N1XZE N1WTZ
 W1ZS W1WOL N1MSB
 N1ZCO N1VFM N1WRP N1RX
 N1WZY KA1NYP
 Helen Parker
 Lea Stewart
 Bee Wood
 Jim Stewart (EMT)

On November 13 the Connecticut Valley Emergency Communications Group met at the Windsor Armory for a meeting and potluck supper at which the above-named individuals were recognized for their involvement in various emergency activities throughout the year. KE1CT, Benji, provided a delicious cake and "thank you" were written on the blackboard to the various groups helping out. WB1GXM, Butch, was surprised with a serenade of "Happy Birthday" from the membership. A good time was had by all.

(FCC NEWS, cont. from page 2)
 Section 97.13(c) says that before you transmit "from any place where the operation of the station could cause human exposure to RF electromagnetic field levels in excess of those allowed," you have to perform a routine RF environmental evaluation if your transmitter PEP exceeds these limits: 160-40 meters, 500 W; 30 meters, 425 W; 20 meters, 225 W; 17 meters, 125 W; 15 meters, 100 W; 12 meters, 75 W; 10 meters, 50 W; VHF (all bands), 50 W; 70 cm, 70 W; 33 cm 150 W; 23 cm, 200 W, 13 cm 250 W, SHF/EHF (all bands) 250 W. If the routine environmental evaluation indicates that the RF electromagnetic fields could exceed the maximum permissible exposure limits, you must take action to prevent human exposure.

The new Forms 610 may be obtained from the FCC Web site via the Internet at <http://www.fcc.gov/formpage.html>, at <ftp://ftp.fcc.gov/pub/Forms/> or by fax at 202-418-0177 (request index, or for Form 610 use form code 000610, for Form 610A use form code 006101, for Form 610B use form code 006102). The FCC Forms Distribution Center will accept FCC forms orders at 800-418-3676.

ARRL VEs and VE teams will be able to obtain a supply of the new Forms 610 in late November. Individual amateurs may obtain a copy of the new Form 610 by sending a self-addressed, stamped envelope (SASE) to: ARRL/VEC, 225 Main Street, Newington, CT 06111. Include 32 cents postage for each Form 610 requested.

 VE TEST SESSION DECEMBER 6

YEAR: 1998

CONNECTICUT VALLEY FM ASSOC. APPLICATION-MEMBERSHIP+RENEWAL v98

WTUWS

146.760 (-600)

est. 1970

147.240 (+600)

MAIL APPLICATION TO: CVFMA, POB 1628, CLAREMONT, NH 03743-1628
Attention: Treasurer

Callsign _____ Name _____

Address _____

Community _____ State _____ Zip _____

phone # (____) _____ ARRL member(circle one) Y N

Internet address _____

The CVFMA, ARRL affiliated, receives \$5 for each new member or \$2 for each member renewing via the CVFMA. (At no extra charge.)
Please check those that apply:

- | | | | |
|--------------------------|-------------------------------------|----------------|----------|
| <input type="checkbox"/> | COMPLIMENTARY-HONORARY MEMBERSHIP | | FREE |
| <input type="checkbox"/> | FULL MEMBERSHIP (One member) | \$15.00 | \$ _____ |
| <input type="checkbox"/> | FULL MEMBERSHIP (Senior 65+) | \$10.00 | \$ _____ |
| <input type="checkbox"/> | FULLTIME STUDENT (Under 18 at home) | \$ 7.50 | \$ _____ |
| <input type="checkbox"/> | Each additional family member | \$ 5.00 | \$ _____ |
| | Name _____ | Callsign _____ | |
| | Name _____ | Callsign _____ | |

- | | | |
|--------------------------|---------------------------------------|----------|
| <input type="checkbox"/> | Scholarship Contribution | \$ _____ |
| <input type="checkbox"/> | Repeater Maintenance/expansion fund | \$ _____ |
| <input type="checkbox"/> | On account or past due AUTOPATCH dues | \$ _____ |
| <input type="checkbox"/> | A.R.E.S. Fund Contribution | \$ _____ |
| <input type="checkbox"/> | Silent Key Memorial Fund | \$ _____ |

Please pay by check or money order only. TOTAL \$ _____

CHECK # _____ DATE _____ AMOUNT \$ _____

For a copy of Constitution/Bylaws please include a return SASE.
The Board wants to hear from you, the membership. Please add
your suggestions or concerns on the back of application. Thanks.

- - - - - Attention CVFMA Newsletter Staff - - - - -
Optional:

Name- _____ Call sign _____

Birthday(ies)/Anniversary(ies)- _____

FCC OPENS VANITY GATE 4

Christmas will arrive a bit early for General, Technician Plus, Technician and Novice Class hams. The FCC has announced that vanity call sign program Gate 4 -- the last vanity gate -- will open December 2, 1997, for General, Tech Plus, Technician and Novice class hams to request a vanity call sign on or after that date. The potential number of applications from these four licensee groups is huge -- well over a half million hams.

Applicants may use either the electronic Forms 610V and 159 on the Web or hard-copy Form 610V and 159 -- but not both. Both versions -- plus fact sheets and answers to frequently asked questions -- are available on the internet at <http://www.fcc.gov/wtb/amateur>. The application fee is \$50 payable by check (to "FCC"), bank draft, money order or credit card. Do not send cash. The FCC gives processing priority to electronically filed Forms 610V for which the filing fee and Form 159 have been received. The FCC now requires all vanity filers to include a Form 159, which must be mailed to the FCC with your fee.

It's up to applicants to make sure that their applications do not arrive before December 2, 1997. The FCC will return all applications that arrive early. All other vanity call sign gates will remain open, and Amateur Extra and Advanced class operators continue to be eligible to file for vanity call signs under those filing gates.

Any call sign requested must be appropriate for the class of license you hold. This means that Technician, Tech Plus, and General class licensees may ask for a Group C (1x3) or D (2x3) call sign. Novice class licensees may only request Group D call signs.

Electronic filers must mail the Form 159 Fee Remittance Advice to FCC, Amateur Vanity, P.O. Box 358994, Pittsburgh, PA 15251-5994. The Form 159 and the fee must be received within 10 days of electronically filing your Form 610V or your application will be dismissed. Those filing on document Forms 610V and 159 must mail the application package containing a completed Form 610V with a copy of your license attached, Form 159 and the proper fee in a sealed envelope to FCC, Amateur Vanity, P.O. Box 358924, Pittsburgh, PA 15251. For application packages delivered via courier or by hand use: Federal Communications Commission, c/o Mellon Bank, 525 William Penn Way, 27th Floor, Room 153-2713, Pittsburgh, PA 15259 ATTN: Wholesale Lockbox Shift Supervisor. This address should be used ONLY for applications delivered by hand or by courier. For more info, call 1-888-CALLFCC.

MORE SPACENEWS

(cont. from page 2)

The Mir web pages are still "under construction" but some good information can be gathered from what has been put together so far. URLs include the following:

<http://www.ik1sld.org/mirex.htm>
or
<http://www.ik1sld.org/mirex>

**** SILENT KEYS REMEMBERED ****

 W I U W S
 CVFMA IN MEMORIAM LIST

 PAST CVFMA MEMBERS WHO ARE NOW SILENT KEYS
 * = FOUNDING / CHARTER MEMBER

WIAD	CHARLIE DOE	BELLOWS FALLS	VT	/
WICLG	RALPH POP SMITH	W RUTLAND	VT	85/86 ?
WIFRE	JEROME ERICKSON	PROCTORSVILLE	VT	1/85
WIGRF	LYNN FARRAR	WRJ	VT	/
WIHY	HOWARD HOLLIS	JAFFERY	NH	7/69
WIIXA	ROGER SWEETSER	SHARON	VT	8/97
WIJLZ	DON CHUICHSHANK	BELLOWS FALLS	VT	/
WIKFD	* EDWARD P. DENBE			/
WILTW	HASSALL NELSON	E RYEGATE	VT	/
WIMOI	BETTY BAGLEY	NEWPORT	NH	4/97
WIPP	ROGER SYKES	SUNAPEE	NH	2/86
WIRNZ	GORDON STEARNS	N SPRINGFIELD	VT	/
WISNI	LOTIN NEWCOMB	BRATTLEBORO	VT	2/86
WITIM	* ED LANPHEAR	CHARLESTON	NH	/
WIUWS	HAROLD THOMPSON	SPRINGFIELD	VT	7/84
WIUJP	ERNIE LANPHEAR	CHARLESTON	NH	/
WA1CHF	* RICHARD HARLOW	WILDER	VT	/
WA1OUD	CLAYTON BAILWITY	HAVERHILL	NH	1/85
WA1ZPB	RALPH DRINKWATER	WASHINGTON	NH	/
WB1CNQ	VERN HAUSE	SUNAPEE	NH	/8
K1BQB	MILLIE DOE	BELLOWS FALLS	VT	/8
K1NIW	* LINDELL ONSRUTH			
K1ZYU	* GEORGE W ATKENS			
KAI1IA	ROBERT PROVOST	LEMPSTER	NH	4/97
KB1AZG	OPAL FAUGHNAN	WRJ	VT	/
KB1DL	BILL EACHUS	SUTTON	NH	/
N1AFP	RAYMOND HERSEY	SPRINGFIELD	VT	/85
N1ASD	EMILY OLMSTED	LYME	NH	2/85
N1AUV	FRED PIERCE	CANAAN	NH	/
N1CQX	WAYLAND BAILEY	UNITY	NH	/
N1EME	NEIL COBB	SPRINGFIELD	VT	
N1JRC	BRIAN BURKE	ETNA	NH	7/97
N1KQB	RICHARD COOK	E CORINTH	VT	/
NN1D	JOHN WHITAKER	POULTNEY	VT	3/95
NS1O	ROGER PRIOR	ELKINS	NH	/
N1VT	ART FARRINGTON	MT HOLLY	VT	6/96

Can anyone supply additional
 information for the list?
 Contact WB1GXM.

IN THE KITCHEN WITH BEA WOOD

From Bea Wood comes this candy recipe just in time for the holidays:

- 1 lb. box confectionary sugar
- 12 oz. chocolate chips
- 2 cups graham cracker crumbs
- 1 tsp. vanilla
- 12 oz. crunchy peanut butter
- 1/2 bar paraffin wax
- 2 sticks melted butter

Mix together peanut butter, crumbs and sugar. Add butter and vanilla and mix. Make 100 small balls. Melt chocolate and paraffin together; dip balls in mixture. Let harden on wax paper. Note: Place balls in refrigerator to cool prior to dipping.

HAMS WANTED FOR HOLIDAY RADIO-GRAMS

KA1QCH, Eunice Damren is looking for hams to volunteer to deliver holiday "radio-grams." The hams would take messages at certain specified times (also getting a callback number for return traffic) and pass them onto the recipients via ham radio. Eunice will be submitting a press release to the Union Leader with the names, call signs, etc., of the ham volunteers shortly, so if you are interested in helping out contact her at 603-542-4906 (4 Clifton Avenue, Claremont NH 03743.)

**REMINDER - SULLIVAN COUNTY
ARES REGISTRATIONS**

Renew your ARES registration for the current year by submitting your information at N1NPP-5 off of VNH. Or copy the form and send it to N1NPP, Steve

Hopkins in Cornish. Address is on N1NPP-5.

73's Steve Hopkins, N1NPP
Acting EC Sullivan County ARES
HCR 75 Box 150 Cornish, NH
03745.

DON'T FORGET YOUR MEMBERSHIP!

This issue of the CVFMA Newsletter includes the 1998 CVFMA application and membership renewal form. Please fill it out and mail it in with applicable dues today. Don't forget your e-mail or Internet address!!

SPOTLIGHT ON SPUTNIK

Working model Sputnik is on the air. Reports from several places indicate the working model Sputnik PS2 satellite launched Monday, November 3, from the Mir space station is beeping away on 145.82 MHz. The one-third scale Sputnik model was built by students in Russia and France to commemorate the 40th anniversary of the original Sputnik 1 satellite. Sputnik 1, launched by the Soviet Union in 1957, was the first artificial Earth satellite. The original Sputnik 1 transmitted a beacon on approximately 20 MHz. The 500 mm antennas are circularly polarized. Reception reports go to FR5KJ, the club station at College Reydellet. Reception reports may also be sent to Sergei Sambourov, PO Box 73, Kaliningrad-10 City, Moscow Area, 14070, Russia. Include an SASE and one IRC for a certificate.

VE TEST SESSION DEC. 6

The next VE test session will be Saturday, December 6 at the Sugar River Savings Bank in Newport. Doors open at 8 a.m. sharp. Bring two kinds of I.D.

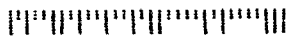
A quarterly publication of the Connecticut Valley FM Association

CVFMA

An ARRL Affiliated Club

OFFICERS AND APPOINTEES

President: N1NCT, Bob	EC/Sullivan County/NH: N1NPP, Steve
Vice President: N1PZP, Jim	DEC/District #4 VT: N1JSG, Richard
Secretary: N1SJK, Norm	VE Exam. Chairman: WB1GXM, Butch
Treasurer: WB1GXM, Butch	ADEC/ District #8 VT: KA1CZO, Bob
Director at Large: N1SCV, Rob	EC/Windsor County/VT:N1NCT, Bob
Entertainment, KA1III, Polly	Scholarship Chairman:N1SCV, Bob
FD Chairman, N1SJK, Norm	Newsletter Editors: N1TIA, Ken and SWL/XYL, Margo



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