



KEY KLIX

GET READY for FIELD DAY!



GMWS Field Day plans are underway! Are you ready? Be sure to come to the club meeting on June 14th! Setup will be Friday afternoon, June 24. As usual, we'll be located on the grounds of Rutland High School, but this year we will operate (cont'd on page 2)

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GMWS MEMBERS PARTICIPATE in EMERGENCY DRILL at VT. YANKEE

Local, state and federal officials recently took part in an emergency drill involving two mock earthquakes at the Vermont Yankee nuclear plant, and a simulated major accident on I-91, which blocked the intended evacuation route for more than two hours. Hundreds of officials covered their emergency posts, with 70 responding at the division's headquarters in Waterbury alone.

About 21 Amateurs, all RACES members, convened in Brattleboro, Vernon, Halifax, Dummerston and other Windham County towns to assist Vermont Emergency Management in the Bi-annual Vermont Yankee drill. Two GMWS members participated; Ben, N1UKK, and John, N1HLG, worked out of the Incident Control Center in Dummerston and the Joint Information Center at the Entergy Complex in Brattleboro.

The West River Radio Club, SOVARC, and GMWS clubs provided the Amateurs to get the job done. The six (6) hour drill went well and received informal Federal accolades for the participating RACES members. The Federal Emergency Management Agency will review the drill and announce its findings at a meeting in Brattleboro in early June.

(--from John, N1HLG)

GET READY for FIELD DAY (Continued from Page-1)

operate in Class 4A (four stations), under the call sign N1VT, with three in the new broadcast booth above the stadium, plus a separate all-band C.W./digital setup a few hundred feet away to hopefully minimize interference. (This will be a new idea, so we'll have to see how it works out.) . We will also operate a "Get on the Air" (GOTA) station, so we'll really have *five* stations set up.



Field Day just isn't Field Day without 'refreshments!'



Operating and teamwork are what Field Day is all about.

Can we keep them all going, around the clock for 24 hours? Regardless, there should be more opportunities for people to operate. I'll pass around a signup sheet at the June meeting. Please sign up for as many hours as you think you'd like to be on the air. Otherwise, email me at w1ech@earthlink.net, call me at 438-5181 or otherwise let me know when you'd like to operate.

Encourage any newcomers you know to come and enjoy the fun of operating! If they've never done anything like this before, so much the better. The whole idea is to give *everyone* a chance to try the HF bands, perhaps for the first time, and to learn something about Field Day. Any points scored on the GOTA station add to the overall club score, too. In fact, a 100-point bonus will be added to our score if the GOTA station makes more than 100 QSO's. See everyone at the June meeting!

(--from Gary, W1ECH...note Gary will be presenting his Field Day program at the June GMWS meeting)

JUNE, 2005 GMWS ARES NET CONTROL SCHEDULE:

The GMWS ARES Net is held Monday evenings starting at 7:30 PM on the 147.045 repeater (+/- 600 kHz, PL=100Hz). Please check the schedule to see if a given net is for training, or "rag chew." Note you can also find the *complete* ARES Net Control Schedule (good through Oct 31) on the GMWS web site at <http://www.gmws.net>. Simply click use the ARES link in the "Upcoming Events and Amateur News" section of the home page. It is possible that the schedule will change, so check the web site often for updates.



<u>DATE</u>	<u>WHO</u>	<u>CALL</u>	<u>TYPE</u>
JUNE 06	Rich	WB2RUM	Training
JUNE 13	Ben	N1UKK	Rag Chew
JUNE 20	Albert	W1AJP	Rag Chew
JUNE 27	John	N1HLG	Training

Prez Sez

The gauntlet has been hurled - the challenge made. At the May GMWS meeting our Field Day operations were previewed by Gary WIECH. His diagrams and strategies were enthusiastically received. He reported that some of the final arrangements are in place, putting us well on track to having the most successful Field Day ever.

There are several "firsts" this year: we will operate 4A; we will have access to the Rutland High School press box which gives five operating positions under a solid roof; and we will have a completely separate operating location for CW. The challenge by Gary is for CW operations to make more contacts than phone. Not more points, just more contacts. Hmmmm, maybe it can be done (?).

These challenges, and the changes in operating strategy, were met with enthusiasm by the folks attending the meeting. Tee shirts and pins are ordered - now we need operators. Be sure to attend the June GMWS meeting June 14 for further details. Gary WIECH has agreed to serve in another position for GMWS for the next year. Elected to the vacant Treasurer's position at the May meeting, he will join the current officers at the June meeting for what promises to be an exciting year.

We have some interesting meeting programs coming up, including a July visit from Dave Cain WIDEC who will discuss RACES and perhaps PRB-1, and Mike Keller WIBNC who will be at the GMWS meeting in August to give us a remarkable insider's overview of the world of HDTV. Details in upcoming Key Klicks.

And finally some GMWS members have been lucky enough to have been able to participate in a CERT (Community Emergency Response Team) training program over the past two weekends. Funded by the government and free to participants, five GMWS members and an equal number of folks from other services had 25 hours during which they learned many skills including Red Cross CPR and First Aid. The ham participants have gained the ability to be an emergency resource not only in communications but also to be "Good Samaritans" and to assist in complementing and enhancing first-response capability in neighborhoods and workplaces. Congratulations to the graduates.

Make plans now to help out during Field Day weekend June 24, 25 and 26. The gauntlet has been hurled. Let's pick it up and run with it!

--73, Deb NNIC

Thanks to the Following GMWS Members!

Special thanks to the following members who have renewed their membership as of May 27th:

Brian Justin	Rodney Orcutt	Eric Severance
Cindy Hahn	Ben Tredwell	
Fred Wyman	John Gladding	
John Soderberg	Jeff Freeman	
Harold and Karen Berry	Dave and Chris Hagopian	
Bob Firpo	Frank D'Auria	
Rich Schisler	Pete Galligan	
Janet Carini	Julie and Peter Cooper	

--Please renew your membership in the near future, so we can continue the good work of the GMWS!

Regular Meeting of the Green Mountain Wireless Society, Red Cross Building, 117 Strongs Ave., Rutland, VT. May 10, 2005.

1A. Pres. Deb NN1C called the meeting to order at 7 PM with 18 members and guests present. Welcome back Ann Mary AB1CH!

1B. Sec. Report: Motion made by Jeff N1YTY, second by Gary W1ECH, to accept the minutes as printed in KK's - approved.

1C. Treas. Report: Rich WB2RUM made the motion, second by John N1HLG, to accept as presented by Bob W1HGQ-approved. Reminder to get in your membership dues, KK's subscription (and maybe a little repeater donation)!

2A. Old Business: Generator Update - Deb NN1C reported that Kevin has gotten many donations of materials and labor to get this rolling. Hope to have it here in June, then we can get a look at it and start passing the hat as needed.

2B. CERT: Community Emergency Response Team. A FEMA brochure and FAQ's sheet were passed around. This provides another layer for early response in the event of emergencies. Has been very effective nationwide. This may be the last year to get the class paid for by Homeland Security. If interested contact Cindy KB1EYN or any club officer.

3A. New Business: Nominating Committee: John N1HLG presented the slate of officers for 1 year terms as: President Deborah NN1C, Vice President Rich WB2RUM, Secretary Janet KB1DSR, and Treasurer Gary W1ECH. After calling for nominations from the floor, Jeff N1YTY made the motion to close nominations, second by Chris N6EUP, -approved. The secretary submitted the vote-approved.

4A. Program: Bill Burden WB1BRE gave an outstanding presentation on what BPL (Broadband over Power Lines) actually is (the high speed transmission of large quantities of data over existing power lines), how it works and the components needed. He discussed the shortcomings of BPL such as; the great equipment requirements, interference problems and the high expense (particularly in rural areas). He highlighted some possible realistic applications for it such as within large buildings or industrial complexes. Bill then went on to discuss the Dept. of Public Safety (DPS) Communications Study which is trying to develop a state wide plan to allow DPS, EMS, VEM and other emergency response groups to interconnect their communications. This is further complicated because Vermont must interface with 3 bordering states and Canada. Amateur Radio falls into this primarily as support for the Red Cross, as well as a potential back-up system if others fail or are overwhelmed. Thank you Bill - this was the most clear and concise explanation of these to issues that many club members have ever heard.

5A. Other Business: March of Dimes Walk. John N1HLG reported that 9 club members assisted on 5/1/05, for approx. 3 hours, and were greatly appreciated by the March of Dimes folks.

5B. VT Yankee/RACES Drill - John N1HLG noted that there will be a SET to test the evacuation plan. If you are a RACES member, or would like to be, and want to help out in this - please see John.

5C. MS Bike Tour - Coming mid-August to Castleton State College and covering 150 miles each of 2 days. We will need 20-25 people each day - please stay tuned for how you can help.

5D. VT City Marathon in Burlington on May 29th. Many Hams needed to help. Contact Janet KB1DSR, Chris N6EUP or Dave KD6RA if you would like to help.

6A. Field Day: Gary W1ECH presented his plan and layout for us to go 4A this year! Using the Announcers booth and a 5-man tent we could really place well this year by going to 4 rigs (plus GOTA and VHF). Gary, leading the CW crew, challenged the voice operators to a one on one competition for contacts this year! Plan to start signing up on the operating schedule at the June meeting.

7A. Adjournment at 9:10 PM.

--Respectfully submitted, Janet KB1DSR

PRB-1 UPDATE/FINAL THOUGHTS

You will recall that the House Government Operations Committee put our H-12 Bill on the wall, and requested that the Vermont League of Cities and Towns educate their Member Towns and Municipalities about PRB-1 before the January 2006 Session, saying in effect: " if you don't get the word out we'll pull this Bill off the wall and take action that will get the word out for you".

The League heard that message. The League responded favorably to my request for an audience with them and their Staff Counsel in order to discuss the future of H-12 in light of the House Committee's 'message' to them. Fellow Hams, Joe Frank, W1SOV and Jeff Spencer, W1RL, both accomplished Hams and accomplished Attorneys graciously offered their invaluable expertise to us to meet and work with the League and explore possible future action regarding the Bill, and recommending a Model Zoning Ordinance that would meet the requirements of satisfying the language of PRB-1 in Vermont.

During a lengthy meeting this afternoon, Joe and Jeff succeeded in focusing the League on our objectives and in the absence of a Statute, the need for the a Model Zoning ordinance that complies with the Federal PRB-1 Codification.. We are fortunate that the League offered to work with us and invited us to participate in drafting a Model PRB-1 Zoning Ordinance which they would then circulate amongst their member Towns and Municipalities. While there is no indication that the Model would in fact be adopted, it would be very important for the House Committee to know that the effort had been made. If it succeeds, great, if it fails, then we return to the Committee, report the results of the effort, and request that they recommend legislating a Bill that will do so.

In a word, we won potential support from our only opponent. That is a major accomplishment! This will be a somewhat time-consuming process, It will require patience from us, but it will be a valuable process. I will keep you informed of our progress during the summer, with periodic emails as events develop. While there was no agreement that H-12 would form the framework of a Model Ordinance, it could. We just did not get that far today.

In the meantime, we must move forward with a Poll of all Vermont Hams in order to be in a position to answer the Legislators questions should we have to return to the Legislature next January and work again on the Bill which is presently on the wall. ("On the wall" is a legislative term for being on hold.) Should our efforts with the VLCT fail, then we would return to the Legislature, and ask them pull the Bill off of the wall, and take action. I have discussed the need for the Poll with our SM, Paul Gayet, AA1SU, and he is currently developing a funding mechanism to underwrite that endeavor.

Thanks to all of you on the PRB-1 Committee for your patience. It is frustrating to us all as I know that we'd love to believe that it could be accomplished over-night. "T'aint so", but, we're gaining on it. I'm confident that we'll succeed one way or another. At least now, we have options with the ears and attention of both the House Government Operations Committee and the Vermont League of Cities and Towns. Your hard work is paying off!

Thanks, best and 73,

David E. Cain, W1DEC
Vermont SGL
Co-Chair of the PRB-1

SOWING the SEEDS

--via email from Ann Mary, AB1CH...

Hi all

Remember the guy on the motorcycle at the bike race last summer? He had a CB on his motorcycle and John loaned him a scanner so he could listen in to our workings? Well here is the latest.

Kudu's to John (N1HLG)!!! Just goes to show you even in the height of all John had to do, he thought well and took one minute out to be kind to this guy and wa-la, a new Ham!! I got this IM this morning!!!

Nanajnp: hi, won't keep you just wanted to let you know that Ross got his ham license

AB1CH: Cool!!!!!!!

AB1CH: Very cool

Nanajnp: he is all excited...how u doing

Nanajnp: hope to see you sometime this summer, tc

AB1CH: I am starting back 1 wk from today. When is the bike race in VT

Nanajnp: just a second

AB1CH: Did Ross write to frank or anyone?

I bet when he shows up for the race this year he will have a ham radio installed on his motorcycle!!

Wow, Ross's call is so new he did not even know his call!! A search of QRZ.com came back with this "breaking news":

There are **1** records matching '**Ross Chapman**'.

KB1MGD Chapman Jr K Ross PO BOX 213 Danville NH 03819

You never know what seeds you are sowing or where they will land!!

See you all soon, 73's

Ann Mary

AB1CH

GMWS CHECKS OUT NEW MEETING LOCATION for SUMMER

Now this late-breaking news update...The GMWS will meet at the Red Cross for the June meeting but starting in July, arrangements are underway to move our "show" to the CAP building at the airport. In a cost cutting move, the Red Cross has decided not to run the air conditioner(s) in the building this summer and while July isn't really a problem for us to meet in the basement if necessary and be nice and cool, August is the HDTV program and we will need space and AV equipment of some sort.

Final arrangements are in the works, and are yet to be ironed out in full detail. Once (and if) a GMWS meeting location change appears imminent, we will notify GMWS membership via Key Klix, and the GMWS web site. Stay tuned for full details on this!

(--from Deb, NNIC)

TEN YEARS AGO at GREEN MOUNTAIN WIRELESS

President John Gladding N1HLG reminded readers of Key Klicks to kick in a bit for the repeater. He referred back to the just (then) past Boy Scout Camporee at the Rutland Fairgrounds. He referred ahead to Field Day at the Clarendon Ball field. Hams from GMWS set up a special even station as W2BSA. Scouts could get on the air and make contacts while some worked on their Radio Merit Badge. George AA1ME and Bernie AA1MG took the reigns to lead this special event.

Kevin N1SQN worked the ALD from Trees Inc. to raise the beam antenna. Deb Clark KB1AOV (NN1C) did a helpful piece on sun spots and provided sources for information from ARRL about solar activity since it affects HF propagation. Returning to John's comment about funds for the repeater, our tradition at GMWS has been to keep dues low so as to help those who wish to join to avoid the problem of too-high dues. So we drop a few bucks to the treasurer to help support our local repeater. To produce a higher power signal the repeater needs CVPS power (the electric bill).

There is insurance needed as well and the repeater owners pay rent. These are recurring costs. Once more, our thanks to Ron Ritchie KA1RMY of Arlington, VT for providing a back run of Key Klicks so we can look back ten years or so.

(--Compiled by Jeff Freeman NIYTY)

K2DDE EQUIPMENT for SALE

Tony, K2DDE, has an *extensive* list of used amateur radio equipment for sale that might find a good home at your QTH. Please check the Classifieds page on GMWS web site at www.gmws.net for full details.

WANTED

UPS for power conditioning and backup for the Red Cross phone system. Contact Frank, W1AD.

ARRL ENCOURAGED BY NEW MOTOROLA BPL TECHNOLOGY

The ARRL this week said it was encouraged to learn of Motorola's just-announced Powerline LV system--a BPL system that takes radio interference concerns into consideration from the outset. The Powerline LV system avoids using medium-voltage power lines and introduces broadband signals only on the low-voltage side of the power transformer, greatly reducing the system's radio interference potential.

(--from the ARRL Letter)

GMWS MEMBERSHIP DRIVE

If you haven't done so, already, you can easily join or renew your GMWS membership. Simply use the form in the May KK, or download the membership form from the web site...just click the link on the membership page. Your membership helps support the public service work of the GMWS, and helps keeps amateur radio alive in the Rutland/Killington area.

SUMMER LIGHTNING TIPS

It's lightning season once again, and Vermont area amateurs are reminded to use caution to protect their valuable ham radio equipment. Per Jerry, KK5CA, "The most basic, zero cost, yet highly effective, protection includes disconnecting all external cables from the transceiver. Short conductors, such as between the transceiver and power supply, antenna tuner, speaker and microphone are generally too short to pick up damaging energy from the EMP fields. Longer conductors, such as antenna feed lines and AC electrical power, should have protection devices installed, or be fully disconnected." Enjoy amateur radio this summer, and be safe!

(--Jerry, KK5CA)

GREEN MOUNTAIN WIRELESS SOCIETY

PRESIDENT: NN1C – DEB CLARK

VICE PRESIDENT WB2RUM - RICH SCHISLER

TREASURER: W1HGQ - BOB LUCAS

SECRETARY: KB1DSR - JANET CARINI

KEY KLICKS EDITOR: KC1CO - PETE GALLIGAN

CLUB CALL SIGNS:

W1GMW: TRUSTEE—WA1ONT—BOB ALLEN

WG1Q: TRUSTEE—W1AD—FRANK D'AURIA

URL: WWW.GMWS.NET

Meeting: 2nd Tues., 7 PM, Red Cross Bldg.,
117 Strongs Ave., Rutland VT

Repeater: 147.045 (+/-) 100 Hz tone optional

Key Klicks deadline 25th of each month

E-mail kc1co@arrl.net (preferred)

US Mail: PO Box 564, W Rutland, VT 05777

MARK YOUR CALENDAR ~NETS:

EVERY MONDAY:

- GMWS/ARES NET, 147.045, 7:30 PM

EVERY DAY:

- VERMONT PHONE TRAFFIC NET, 3857 MHZ, 7:30 PM
- VERMONT/NEW HAMPSHIRE TRAFFIC NET, 3539, 7:00 PM
- NEW ENGLAND PHONE NET, 3955 6:30 AM

EVERY SUNDAY:

- VERMONT PHONE EMERGENCY NET, 3976, 8:00 AM
- ACARA ROUNDTABLE 147.36 (100 HZ) 8:00 PM
(ALL TIMES ARE LOCAL)

UPCOMING VE SESSIONS:

- BURLINGTON AREA VE TEAM - RALPH (KD1R) 802-878-6454

NEXT REGULAR GMWS MEETING

- **TUESDAY JUNE 14TH** AT RUTLAND RED CROSS BUILDING.
- **PROGRAM:** FIELD DAY, BY GARY, W1ECH

Special thanks to our Key Klix contributors this month:

John (N1HLG), Gary, (W1ECH), Janet (KB1DSR), ANN MARY (AB1CH),
FRANK (W1AD), DEB (NN1C), DAVE (W1DEC), JEFF (N1YTY) --Ed.



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