



THE PUBLICATION OF THE GREEN MOUNTAIN WIRELESS SOCIETY
AN ARRL SPECIAL SERVICE CLUB

KEY KLICKS

Volume 19 Issue 8

August, 2004

ASSISTANCE STILL NEEDED FOR THE 2004 MS BIKE TOUR CASTLETON COLLEGE SATURDAY SUNDAY AUGUST 7 & 8TH

SUBMITTED BY JOHN~ N1HLG

Additional assistance is still being sought for The MS "Green Mountain Getaway" Bike Tour, to be held at Castleton State College, Saturday and Sunday August 7 & 8th.

Amateurs are needed to provide communications from the 6 or 7 checkpoints each day, route patrol, as well as shadow coverage to SAG support and repair vehicles traveling the course. This, of course in addition to a Net Control site at Castleton State College for the 2 day event.

The Green Mountain Wireless Society was approached by Vermont SM Paul Gayat AA1SU to coordinate assistance to the MS group, as much of the tour area falls within their coverage areas. A call has gone out to other Amateur Radio organizations and operators for additional assistance.

Much of the event coverage will be UHF and VHF with UHF utilizing the Northeast FM Repeater Association on Killington Mountain (444.55mhz +5 mhz offset and 110.9 hz tone), which is also linked into the recently renewed UHF repeater on top of Mt. Equinox (444.050mhz +5mhz offset, 100.0 hz tone) near Manchester, the Monkton (444.650mhz +5mhz offset and 110.9hz tone repeater near Burlington, and a temporary repeater (442.650mhz +5mhz offset and 100.0 hz tone) which hopefully can be located on the Northern route site overlooking Route 30 North into Addison County.

That temporary UHF repeater is being developed for the Northern leg of the event. It is planned to locate it on top of property of Deb and Dudley (NN1C and OM) on top of Pittsford Ridge overlooking Route 30 in Hubbardton, and which should provide coverage up and down the northern route area. Currently alternative power methods are being explored for that repeater due to lack of electricity at that site.

Co-coverage on VHF will utilize the Killington (146.88 mhz -600 khz offset & 110.9 hz. tone), and Equinox (145.39mhz -600khz offset & 100.0 hz.) possibly the Middlebury repeater (147.36 mhz. +600khz offset & 100.0 hz tone). In addition the newly designated ARES simplex frequency of 147.490 mhz (no tone) can be used for fill-in.

The two day event will incorporate two combination 40-75-100 mile routes, each route being an extension of the previous shorter route the longest of which should run up to 8 hours.

Start time for each of the two days will be 0830 at The Castleton State College main parking lot off South St. in Castleton.

A few temporary mobile radio and antenna setups may be available (as well as a few portables) for those wanting to help but are not radio equipped. Contact John N1HLG or Frank, W1AD about that.

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From Page 1 MS Bike-A-Thon

The MS Society has asked Amateur Radio Operators to help provide communications coverage for the 2 day event which will be covering much of South Central Vermont. This is a return to Southern Vermont for the MS events, which formerly used to conduct a Ferrisburg to Poultney to Bennington in the late 1990's.

In recent years the event has been held at Johnson State College, and now it is back in Southern Vermont.

Anyone interested in assisting with the event, either one, or both days, is asked to get in touch with John Gladding N1HLG at N1HLG@aol.com (or N1HLG@arrl.net) , by phone at (802) 438-2233 or by snail mail at PO box 73, North Clarendon, VT 05759.

A late breaking note from John: " HF could be used in addition to all that if anyone wants to pack in their HF Mobile gear.



SUPPORT YOUR LOCAL REPEATER

Attendance at meetings varies with the Vermont weather, topic at hand and what-have you.

Summer is a particularly hard time of the year for attendance at anything as family, vacations, seasonally stepped up work demands and such take their toll.

One of the topics which will often be heard is the financial needs of the local repeaters. We are expected to donate as we see fit to the amount of use we get from various repeaters and of course to our means and abilities.

You will have a flourish here and there when the repeater is in trouble, etc., but from what I have observed, it is a chronic problem.

We all live on what we make. One might also say, "Well, I only use the .045 repeater, why should I donate to the Killington repeater?" Another might say, "Well, I don't use either repeater very much so I will only donate \$1.00." You get my gist.

EQUIPMENT 4~SALE

1 FT-840 transceiver with PS;
1 FT-107M transceiver;
3 asst power-VSWR meters;
1 #2400 Kenwood 2M HT rig
1 #2500 Kenwood 2M HT rig
1 #2600A Kenwood 2M HT rig

1 Dentron super tuner
1 asst speakers
1 frequency counter
2 rotor control motors
1 volt meter
1 wireless head phones
1 E.F. Johnson ant. mate
[new]

Some older stuff:

1 Drake TR22 2-meter rig
[might be good for parts]
1 Heath kit DX60 with
VFO [good for parts?]
1 WRL Duo-Bander [40
and 80 meters]
1 Swan Signet model
#260 transceiver
1 old receiver [good for
parts?]
1 old receiver
1 model # ICC 255 2-
meter transceiver
1 National NC105 Xmtr
Some asst loading coils
for Hustler mobile ant.

NEW THIS MONTH

Hammarlund Hq129X Receiver
Johnson Vik'g-Valiant Transceiver

CONTACT:
AL (K1WQU))
(802)773-6997
PULLINGRA137@AOL.COM



TID BITS

INTRUDERS ON TEN METERS:

FROM CARL PHILLIPS KC1WH

The FCC is asking for help from Ham Radio Operators in identifying any unlicensed operation in the Ten Meter Band from businesses or truckers in the area of 28.085 MHz. I cannot fit all the details here, so here is a link to a great article that explains it in detail:
www.ranv.org/newslet.html#l



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SUPPORT YOUR LOCAL REPETER

I know my excuse is that I only have so much money and lots of other bills, so I am probably not as generous as I might be.

However, when you get right down to it, weather you belong to the club, use the repeaters or not, they do need to be maintained and powered and insured and probably many more expensive things that even I am not aware of going on with them.

The fact still remains that they are there for our use even if we do not use them. In an emergency we will all be very glad they are there. I know that I personally live in a

Continued next column



in a lot less fear, just knowing that the repeater is there, people who will maintain them and that there are people who monitor them should I or anyone call out for help.

That said, I hope the readers of this publication—no matter their station in life—will find it in their heart to to dig a little deeper and make a donation to the/a repeater fund. If you send a donation to the club, please make a notation that the money is to be for the repeater fund so that it gets properly accounted.

You might also consider joining the North East Repeater group as they maintain many repeaters in the area.

Your life or the welfare of a family member could depend on



FULL FLOWER MOON

AUGUST

Full Fruit or Barley Moon - August

The names Fruit and Barley were reserved only for those years when the Harvest Moon is very late in September.

Found @ <http://www.farmersalmanac.com/astrology/fullmoonnames.html>



THANK GOODNESS WE
LIVE IN
VERMONT



WHERE PEOPLE HAVE
RIGHTS!!

See page #5 for start of this report: Comments:
 EXCEPTIONAL FIELD DAY AND GROUP PARTICIPATION - - VERY HIGH \ 'FUN FACTOR\ '

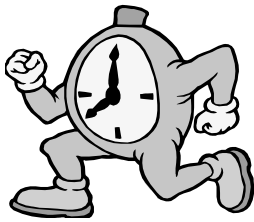
Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr (W)	QSOs	Pwr (W)	QSOs	Pwr (W)
160m						
80m					235	100
40m	318	100			305	100
20m	172	100			247	100
15m					17	100
10m						
6m					17	50
2m						
1.25						
Other						
Satellite						
GOTA					112	100
TOTAL	490		0		933	

List of GOTA Operators:

KB1IOY, KB1JOJ, KB1KYE, KB1LHV, KC2LPU

Supporting documentation for Bonus Points will be sent via mail to:
 Field Day, ARRL, 225 Main St., Newington, CT 06111 USA



REGULAR MEETING OF THE GREEN MOUNTAIN WIRELESS SOCIETY, RED CROSS BUILDING, 117 STRONGS AVE,

RESPECTFULLY SUBMITTED, JANET KB1DSR,

Regular Meeting of the Green Mountain Wireless Society, Red Cross Building, 117 Strongs Ave., Rutland, VT. July 13, 2004.

1A. Pres. Albert W1AJP called the meeting to order at 7:10 PM with 14 members and guests present.

1B. Sec Report: Motion made by Deb NN1C, second by Jeff N1YTY, to accept the minutes as printed in Key Klicks-approved.

1C. Treas Report: Albert W1AJP, reporting for Bob W1HGQ, stated that the bills were up to date through June, with only a few Field Day expenses yet to come in. Motion made by Deb NN1C, second by Jeff N1YTY, to accept as presented - approved. A discussion followed about club income vs. expenses and the fact that the only regular club income that comes in is from Key Klicks subscriptions and dues. This leaves an average deficit of approx. \$1200 per year. Historically members have come through with extra donations to keep us a float. Gary W1ECH pointed out that as fixed expenses continue to increase we must either find a way to decrease expenses or increase income. Frank W1AD suggested 1) eliminate the auto-patch and 2) invest a little now to replace the power source for the repeater in order to save a lot more in the long term. Many other suggestions followed and this item was tabled until a future meeting.

1D. EOC Report: John N1HLG reported all is well.

2A. Old Business: We still need a new president!!!!

2B. Otoberfeast Picture Show: Frank W1AD is still looking for any type of photos.

2C. MS Bike-a-thon Aug 7/8, 2004: John N1HLG is spear-heading the arrangements. He and Frank have set up a temporary repeater to cover the north-western portion of Sundays loop. Start/Finish at Castleton State College and dorm facilities, with many amenities (hot tub, pool, etc.) are available for Hams willing to help out and needing a place to stay. The ride will begin at 8:30 AM both days and have 40/75/100 mile loops, which are all done as extensions to the smaller loops. Saturday will be from Castleton and go South, Sunday to the North. Both days are estimated to run about 6 to 7 hours and we will need radio operators to staff rest stations, sag and repair wagons, etc. - probably about 20 operators per day. We will be using VHF, UHF and may include some HF - portables and mobiles. May have some bicycle and motorcycle units as well. John encourages all to come out & play helping out for 1 or both days - whatever you can give will help!

3A. New Business: Frank W1AD reported on the temporary repeater being set up on Deb NN1C's property along Pittsford Ridge. Frequency will be 442.65 +5 MHz and will use generator power. May be linked to Killington repeater for the race weekend.

3B. ARES District 6 DEC(District Emergency Coordinator) needed: It was decided by consensus of the members present to submit Ben N1UKK for re-appointment.

3C. Chet Briggs N1CAV, the new Emergency Services Coordinator for our Red Cross Chapter, thanked GMWS and presented a Certificate of Appreciation to the club noting our club has continued to be very dedicated to helping the Red Cross meet its communication needs during exercises and disasters. He also announced that the new Chapter Executive Director, Beth Findelson (sp?), has been hired.

3D. All Field Day Thank You notes to go out.

3E. New Member: Chet Briggs N1CAV was voted in as a new club member - welcome!

4D. Field Day Review: Gary W1ECH thanked everyone for a great FD - it went fantastic! We had great support from many members, taking on many responsibilities, including 3 of our brand new Hams. Our score was nearly 5000 points - up approx. 40% from last year!

Respectfully submitted, Janet KB1DSR, GMWS Secretary.

TEN YEARS AGO AT GMWS

USUALLY COMPILED BY JEFF FREEMAN N1YTY
BUT THIS MONTH BY ANN MARY AB1CH

Sadly, and with Jeff's regrets, this column will not be available this month, so put on your thinking cap and fondly remember some fun radio event you attended in the past. Maybe you would like to write a little blurb about your remembrances and send it along to be published in a future addition of Key Klick's.

NAH!!! Don't think that you can't do it, of course you can and I guarantee you will be pleased with yourself and the thrill of seeing your name in print!!!

Your editor will also be eternally grateful as it is extremely hard to come up with pages and pages of stuff when people don't contribute. Regular contributors will also be grateful as the editor will not be bugging them to come up with some sort of last minute Tid-bit. LOL

A SAD FARWELL:

Well, this is about the hardest thing I've had to write in many moons. Regretfully, my I must step down as editor of Key Klicks. Like most hams, I find that I have overextended myself in the volunteering department. I have enjoyed my short period as publisher and

although I had hoped to stay longer, my life has become such a shamble of events I must step down.

First I thought I would leave to move to care for and aging parent. Then a friend met with an accident and I thought that I would help her, but due to extreme opposition, that is not going to happen either. That is OK with me as I pray for discernment constantly and I am used to change.

Staying put is not an option either as I do not feel safe here anymore. I have lived with my fears for many years now and must admit—selfishly, my pursuit of a ham ticket was largely related to personal security. Now I am must move on; but have no idea of where to go or what to do about my house or anything else for that matter. Women & sometimes men, get into situations where associates run off their friends and you become very isolated. Sometimes the people you help the most are the ones who can do you in at the end. My health and safety must come first, and so I have to donate 100% of my efforts to that end. Thanks for all the kind words and help everyone has bestowed. Some one please step forward to publish KK!!

2004 Field Day Report to ARRL ~~~ Compiled and sent by Frank WIAD

Date stamp: 2004-07-14 08:56:54 -Confirmation: ef5b4563d04ce513

Call Used: N1VT GOTA Station Call: AB1CH ARRL/RAC Section: VT Class: 2A

Participants: 25 Club/Group Name: GREEN MOUNTAIN WIRELESS SOCIETY

Power Source(s): Generator, Battery - Power Multiplier: 2X

Bonus Points:

100% Emergency power	200
Media Publicity	100
Set-up in Public Place	100
Information Booth	100
NTS message to ARRL SM/SEC	100
W1AW Field Day Message	100
Formal NTS messages handled - No.=10	100
Natural power QSOs completed	100
Site Visit by invited served agency official	100
GOTA station 100 QSOs achieved (tot=112)	100
Submitted via the Web	50

Total Bonus Points 1,150

Score Summary: CW Digital Phone Total

Total QSOs 490 0 933

Total Points 980 0 933 1913 Claimed Score = 3,826

Submitted by: ALBERT POIRIER, W1AJP, GREEN MT. WIRELESS SOCIETY, PO BOX 84,
RUTLAND, VT 05702 ~ E-mail: AJP545@SOVER.NET

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FRIDAY PROGRAM ARES/RACES/ARECC SEMINAR

"FREE AMATEUR RADIO EMERGENCY COMMUNICATIONS SEMINAR"

RECIEVED VIA E-MAIL TUESDAY, JUNE 08, 2004 FROM DEB CLARK NN1C

The ARRL will offer a free Amateur Radio Emergency Communications seminar on Friday, August 13th, in conjunction with the New England Division Convention in Boxboro, MA.

The seminar will not include the Level I course itself. The PowerPoint presentation will include background information, group discussion of multiple disaster scenarios, testimonies from EmComm leadership, ARECC mentors and students, discussion about the ARRL EmComm courses, and a quiz to determine personal preparedness. Senior Citizens are strongly encouraged to participate.

"With the continuing support of our Federal Homeland Security grant from the Corporation for National and Community Service, and the national grant from our corporate partner, United Technologies Corporation, ARECC participants are reinforcing the ARES Field Organization. This seminar will explain the importance of every team player with emphasis on using lessons learned to effectively move Amateur Radio emergency communications to the next level," said ARRL Emergency Communications Course Manager Dan Miller (K3UFG).

All ARES/RACES volunteers, ARECC course participants, and Field Organization leadership are invited. Course participants at every ARECC level -- Mentors, Certification Instructors, Certification Examiners and current students -- are encouraged to come and share with everyone their experiences with the ARECC Program.

Field Organization Leadership -- SMs, SECs, DECs and ECs -- are also invited to join in the brainstorming with ideas for motivating volunteers and coordinating activities. We will focus on coordination between ARECC volunteers and students, and their integration into the Field Organization, helping us to provide the community impact stressed by CNCS for year 2.

Attendees will receive handouts and be eligible for a prize drawing at the end of the seminar.

The seminar will be held at the Holiday Inn Conference Center, Boxborough, MA - Exit 28 off Route I-495A, from 1:00 to 5:00 PM on Friday, August 13 and is open to all interested hams.

Seating may be limited. Contact Dan Miller (K3UFG) , (860-594-0340; FAX 860-594-0259) at ARRL HQ if you plan to attend.

Seminar attendance does not include convention registration. For more information on the New England Division Convention, visit www.boxboro.org

**WOW!!!!!!
ACT FAST**

How The Bands Work . . . A band by band series outlining how each band works so we can take full advantage of what is offered and know what to expect.

BY ANN MARY AB1CH

As I am in a rush to get this issue off to the printer for reasons explained elsewhere in this issue, I will not continue this selection this month. Sorry about that as it has generated many nice compliments.

Each month when I have gleaned the information from the fabulous *ARRL Operating Manual...Everything for the active ham—every mode, activity and band*, —I am eternally grateful to my brother Ron, KE2SD—I have planned that with the last band I would highly recommend every ham purchase a copy of the text. Yes, it is expensive!! Ron gave me mine for my birthday, the less expensive paperbacked version would have pleased me almost as much...the leather bound and numbered (816 of 2000) is a special treat.

I do not believe you must be a member of the ARRL to purchase from then. If so, find a member and ask them to order it for you. If you can't see your way to spent the money, clue in your family, friends, Santa, etc., it is worth the begging!!!

PS: Whining sometimes works too!!!



GREEN MOUNTAIN WIRELESS DISTRICT 6 ARES NET NEWS

NET @ 7:30 PM Monday on 147.045 Repeater
All Licensed operators welcome

JULY/AUG 2004 NET CONTROL SCHEDULE

- ◆ July 12 /RC—Al (W1AJP)
- ◆ July 19 / T—Ben (N1UKK)
- ◆ July 26 /RC—John (N1HLG)
- ◆ Aug 2 / T—Al (W1AJP)
- ◆ Aug 9 /RC—Ben (N1UKK)
- ◆ Aug 16 / T—John (N1HLG)
- ◆ Aug 23 /RC—Al (W1AJP)
- ◆ Aug 30 / T—Ben (N1UKK)

PREZ SEZ'

VIA E-MAIL FROM AL (W1AJP)

Hello to all,

There appears to be an opening for an ARES DEC In district 6. This is the area we are located in.

A DEC District Emergency Coordinator organizes ARES members and appointees EC's Emergency Coordinators in the district.

He coordinates radio communications in time of emergency.

For further information please contact John N1HLG at N1HLG@aol.com.

Albert Poirier

President (for the moment anyway) GMWS

GREEN MOUNTAIN WIRELESS SOCIETY

PRESIDENT: W1AJP—ALBERT PORIER

VICE PRESIDENT WB2RUM—RICH SCHISLER

TREASURER: W1HGQ—BOB LUCAS

SECRETARY: KB1DSR—JANET CARINI

KEY KLICKS EDITOR: AB1CH A M ROSENBROCK

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 Bld.,
117 Strongs Ave., Rutland VT

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

Key Klicks deadline 25th of each month
E-mail AB1CH@aol.com
Phone (802) 438-5406 or snail mail
PO Box 108 Center Rutland, VT 05736

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 CALL RALPH (KD1R) 802-878-6454
- **SPECIAL EVENTS & CONTESTS**
SEPTEMBER 17—OCTOBER 3 BIG-E

NEW!! 2 METER VERMONT SIMPLEX FREQUENCY IS 146.490

Next GMWS meeting Tues. August 10, 7:00 pm



PO Box 84
Rutland VT 05702