



THE MONTHLY PUBLICATION of the GREEN MOUNTAIN WIRELESS SOCIETY  
AN ARRL SPECIAL SERVICE CLUB

# KEY KLICK's

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SEPTEMBER 2021



## Surprise!

A very nice W1SFR SKCC engraved Green Machine Key has been presented to Mike W15H, the lucky SKCC member who participated SIX (6) separate times in the Slow Speed Saunter during 2020 !

Mike's Callsign was drawn from a virtual Hat containing the Callsigns of all the members who participated in 4 or more of the monthly SSS operating events during 2020 and reported their activity on the Slow Speed Saunter Results page.

The SKCC Green Machine is a single paddle key mounted on a beautiful green Quartz base mined in Vermont. The key is also unique in that it may be used either as a single paddle key with a radio's internal electronic keyer, or may be used as a Sideswiper key also known as a Cootie key!

CONGRATULATIONS MIKE W15H !

We hope to make an SKCC Slow Speed Saunter Operating Event Participation Presentation annually. Join us in the SSS on the first day of each month, and be sure to record your participation on the Results page!

### **The Slow Speed Saunter is not a contest !**

The SSS is a monthly operating event held on the first day of each month in conjunction with the SKCC Straight Key Nite (SKN), and is designed to provide for a relaxed 24 hours of slow speed CW operating outside of any contesting event. It's a great time to practice, improve your skills, or just enjoy CW at speeds under 13 wpm. Go at your own pace with the knowledge that others will match your speed. Complete information about the Slow Speed Saunter can be found here @ The Slow Speed Saunter page.

[\(http://www.skccgroup.com/operating\\_activities/slowspeed/\)](http://www.skccgroup.com/operating_activities/slowspeed/)

Rich - W4RQ Amateur Radio: The Original Social Media

Submitted by: Steve W1SFR

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## PREZ-SEZ



FOREST  
N1BBQ

Happy September!

Hope everyone survived hurricane Henri! Glad that stayed to the South of us for the most part.

This months meeting will be on zoom again and the main agenda item will be Octoberfest, Lorri (KB1QAJ) should have an update for us.

My Dad, Chris (KC1MXP) just had a knee replacement and at the time of writing this, just brought him home. Everything went well and my Mom (Margarete KC1MXQ) and I are looking forward to him being able to get out and hike with us, maybe even a small SOTA activation at some point.

Hope to see everyone at the meeting, 73 N1BBQ

## NC WHO VOLUNTEERED?

ED NOTE: Somebody said they would be able to take Forest N1BBQ's spot as Net Control; but I can't remember who!



### FEB/MAR 2018 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 on the GMWS web site at [www.gmws.net](http://www.gmws.net), 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.

SEPT06	PETE NJ2VT	OCT04	PETE NJ2VT
SEPT13	<b>? Is it You?</b>	OCT11	<b>? Is it You?</b>
SEPT20	STEVE W1SFR	OCT18	STEVE W1SFR
SEPT27	ANN MARY AB1CH	OCT25	ANN MARY AB1CH



## CREATING A STRONG FUTURE FOR AMATEUR RADIO

Hello. I am Fred Kemmerer, AB1OC, and I am hoping to become your ARRL New England Division Director. I have a long history of helping people to become licensed, learn new skills, and become active in the Amateur Radio Service. I have also served as the President of the Nashua Area Radio Society, a club that has provided many hams licensing and development programs over the past six years.

### What I Want To Accomplish as New England Director

There is much that needs to be done to create a strong future for Amateur Radio and the ARRL. The following are some of the major goals that I plan to focus on as Director:

- Bring new people into Amateur Radio by working collaboratively with clubs across New England and the ARRL
- Create opportunities for STEM learning in schools and colleges through Amateur Radio
- Create positive public and agency awareness and support for Amateur Radio
- Ensure effective, open, 2-way communications between the ARRL and its members
- Establish the New England Division as a leader in providing world-class Amateur Radio programs

It is also very important that we create an environment within New England and the ARRL that promotes and protects on-air activities such as DXing and Contesting that so many Hams (including this one) enjoy. To this end, I will work closely with our DX Advisory Committee and Contest Advisory Committee members to promote and expand Amateur Radio operating activities.

We need a Director who is Collaborative, Innovative, and Action-Oriented to accomplish these and other important goals. I believe that I can bring the right Amateur Radio and professional experience and collaborative leadership skills to accomplish these goals and more. I hope that you will support me as your choice to fulfill this important mission.

It is important that we take immediate action on issues that are important to ARRL members. To this end, I have published a plan for my first 100 days as ARRL New England Division Director that includes specific actions to improve 2-way communications between the ARRL and New England members. My plans include outreach to members of the ARRL Board and Senior Leadership to find common ground to take action on issues that matter to ARRL members. I also plan to appoint several Assistant Directors to focus on promoting programs in important areas.

ED NOTE: Join his Town Hall write ... If you have questions that you would like me to address during the Town Hall Meeting, please take a moment and e-mail them to me at [ab1oc@arrl.net](mailto:ab1oc@arrl.net).

### **Tell Me What You Think - Join My Town Hall Meeting**

[https://us02web.zoom.us/webinar/register/WN\\_D9sDjXMrRX6QxB3oHjh\\_4w?\\_x\\_zm\\_rtaid=qLAa9eyuReiqyFOilXmifA.1630346891278.345780b81697b6386a952a152b5c47ba&\\_x\\_zm\\_rhtaid=920](https://us02web.zoom.us/webinar/register/WN_D9sDjXMrRX6QxB3oHjh_4w?_x_zm_rtaid=qLAa9eyuReiqyFOilXmifA.1630346891278.345780b81697b6386a952a152b5c47ba&_x_zm_rhtaid=920)

## MINUTES FOR THE GMWS MEETING ON AUGUST 10TH

The meeting was called to order at 7:04PM. The treasurer's report revealed that we received over \$900.00 in repeater donations this year. There was a brief discussion about registering the club as a 501C3 nonprofit.

There was a VE session earlier in the month, with two upgrades and 1 new ham. We discussed thoughts of continuing to hold VE sessions once every 6-8 weeks if possible. The next one would be late September or early October.

We heard nothing further from Slate Valley Trails regarding their bike race.

We discussed doing a quarterly social gathering, the next one would possibly be in November as a replacement OctoberFeast, which was cancelled this year. We are looking at possibly doing something in the banquet room at Sweet Caroline's in West Rutland.

Submitted by Calvin W1CLG  
Secretary GMWS

Northeast  
**HamXposition**

## ARRL New England Convention

Friday, September 10th, Saturday the 11th, and Sunday the 12th

The ARRL New England Convention ( Northeast HamXposition in Marlborough MA) is happening this September, Friday the 10th, Saturday the 11th, and Sunday the 12th. NEQRP had a Great Schedule (attached) planned for all 3 days. Please print up a copy of the NEW NEQRP Schedule. (And make another 2nd copy for passing out to a friend at the HAMvention.)

Please pass this information on to friends so they know what's happening at the HAMvention.

<https://hamxposition.org/neqrp>

<https://hamxposition.org/forums-and-classes/forum-schedule#saturday>

<http://neqrp.org>



Submitted by Carl WA1ZCQ

to: NEQRP-L <[neqrp@mailman.gth.net](mailto:neqrp@mailman.gth.net)>

## FOR SALE: UNIDEN BEARCAT TRUNKTRACKER V SCANNER

<https://uniden.com/products/digital-mobile-trunktracker-v-scanner>

Programed with local Rutland area police, ambulance, fire, and all service frequencies all recorded on a CD. Your antenna will make a big difference here). Manuals and chords also included (the power chord via an easy fix, does need to be repaired as my kitten chewed it in two) Asking \$125.00 Please call:  
Ann Mary 802.438.5406



## KEEP THE FREQUENCIES CLEAR IN EMERGENCIES:

### FOLLOWING EARTHQUAKE IN HAITI, RADIO AMATEURS ASKED TO KEEP FREQUENCIES CLEAR

August 14, 2021 | ARRL

Following Earthquake in Haiti, Radio Amateurs Asked to Keep Frequencies Clear

In a statement received by ARRL on August 14, 2021, [Region 2](#) of the International Amateur Radio Union (IARU-R2) has requested that radio amateurs in the Americas keep the following frequencies clear to support emergency communications in Haiti following an earthquake this morning: **3750 kHz, 7150 kHz and 14330 kHz**. The statement came from IARU-R2 Emergency Coordinator (EMCOR) Carlos Alberto Santamaría González, CO2JC.

According to preliminary information from the [United States Geological Survey](#) (USGS), a 7.2 magnitude earthquake struck Haiti on August 14, 2021 at 1229 UTC, about 12 kilometers northeast of Saint-Louis-du-Sud and 33 kilometers to the east-northeast of Les Cayes, Haiti; 18.352 degrees north and 73.4801 degrees west at a depth of 10 km.

Mr. Jean-Robert Gaillard, HH2JR, President of the Radio Club of Haiti, reported significant structural damage. International news reports feared high casualties...

**ED NOTE RE: KNOW BEFORE YOU TRANSMIT! EMERGENCY COMMUNICATIONS!** This article might seem late for inclusion with this month's issue of Key Clicks and possibly out of our area of concern. While all radio operators should listen to a frequency and check before transmitting it is important to know that when there is an emergency...EVEN OUT OF OUR AREA... it is especially important to beware of certain frequencies known to be used for or by emergency operations.

We are all aware that as the earth revolves, bands open and close for operations. Be aware of the frequencies which may be in use by emergency communicators and listen often.

International Distress/Emergency Frequencies: **2182 kHz:** International Maritime Distress and Calling Frequency for Radio telephony. **4340 kHz:** NATO Combined Submarine Distress.

**8364 kHz:** Survival Craft.. **121.5 MHz:** International Aeronautical Emergency Frequency. **156.8 MHz:** International Maritime Distress, Calling and Safety Frequency. **243.0 MHz:** NATO Combined Distress and Emergency Frequency. **406.0 MHz:** Emergency Position Indicating Locator Beacon (EPIRB).

There is an interesting Maritime Mobile Service Radio Net found at 13.300 Mhz (<https://www.mmsn.org/>) which operates regularly. You are welcome and encouraged to check-into this net and can sometimes act as a relay station with permission. LISTEN FIRST: familiarize yourself with the stations and how the net runs. Note how when a distress signal is heard, ALL operation is suspended and the airways kept open to listen for the distressed station. If you hear the station copy down all the information you hear and only report what the NC station requests. While someone is reporting unnecessary information, the distressed station could lose his power or ability to transmit vital information. Keep your transmissions as short as possible for the same reason. I have heard contest stations calling CQ on this frequency. This could cost a life and is very poor operating procedure.

### Supporting emergency communications outside your area

**What do you do in case of a disaster or emergency situation outside of your immediate vicinity?** How can you be of assistance? The best thing you can do is make yourself available to the on-site communications workers, but only if called upon to do so. Because most of the important information from a disaster flows out, not in, you don't want to get in the way. If you can hear a station in distress but other stations do not seem to be responding, or having trouble hearing, you can offer to act

Continued from Page #6 EmComm

**Continued from Page #5 EmComm**

as a liaison or relay between two stations. Call NC, make your offer quickly and wait for instruction. One common practice (local I think?) is to key the radio, say "This is." unkey, then key again adding your call sign. The ARRL/FCC ExCom courses stress this is not good or safe operating procedure. Think about the extra time it took you to go through all those steps. But this will be up to the Net Control Station as they are always in charge.

If a hurricane is bearing down on Miami, getting on the air and calling, "CQ Miami!" is foolish. The chance you have of actually rendering assistance are minimal and you stand a chance of diverting some actual emergency need from the proper authorities. Instead, support the communications networks that the Miami hams depend on. Check in to your NTS local nets to see if any messages need relayed to your location. Monitor the Hurricane Watch Net on 14.325 MHz and any Florida emergency net frequencies. Tune to the bands that support propagation to Florida, in case someone is calling for help.

**ED NOTE:**

For more information and training: <https://www.arrl.org/emergency-communications-training>

Ann Mary AB1CH



**SEPTEMBER 06 2021**

## ARLB022 FCC GRANTS TEMPORARY WAIVER TO PERMIT HIGHER SYMBOL RATE DATA TRANSMISSIONS FOR HURRICANE IDA TRAFFIC

SB QST @ ARL \$ARLB022  
ARLB022 FCC Grants Temporary Waiver to Permit Higher Symbol Rate  
Data Transmissions for Hurricane Ida Traffic



ZCZC AG22  
QST de W1AW  
ARRL Bulletin 22 ARLB022  
From ARRL Headquarters  
Newington CT August 30, 2021  
To all radio amateurs

SB QST ARL ARLB022  
ARLB022 FCC Grants Temporary Waiver to Permit Higher Symbol Rate. Data Transmissions for Hurricane Ida Traffic  
The FCC has granted an ARRL emergency request for a temporary waiver intended to facilitate relief communications in the wake of Hurricane Ida. The waiver was orally granted on Saturday, August 28, and immediately permitted amateur data transmissions related to Hurricane Ida traffic to employ a higher symbol rate for data transmissions than the current limit of 300 baud. ARRL pointed out in its request that Amateur Radio Emergency Service (ARES) members are working with federal, state, and local emergency management officials to assist with disaster relief. Many use radio modems and personal computers capable of using digital protocols and modes that would permit faster messaging rates than normally permitted under the FCC's rules. ARRL pointed out that higher data rates can be critical to timely transmission of relief communications, such as lists of needed and distributed supplies.  
In 2016, in response to an ARRL petition for rulemaking, the FCC proposed to remove the symbol rate limitations, which it tentatively concluded had become unnecessary due to advances in modulation techniques and no longer served a useful purpose. That proceeding, WT Docket 16-239, is still pending. ARRL

sought the waiver for radio amateurs directly involved with hurricane relief on HF using high-speed data transmissions, and the FCC orally granted the emergency temporary waiver for traffic related to Hurricane Ida. The temporary waiver is good until a written decision is made on ARRL's request that would cover the remainder of the hurricane season.

Pursuant to ARRL's request and similar to written waivers granted by the FCC in earlier years, to qualify, a protocol or mode exceeding the 300 baud symbol rate limit must (1) be publicly documented, (2) use no more bandwidth than the currently permissible slower protocols (generally accepted to be the bandwidth of an SSB signal, or 2.8 kHz), and (3) be used solely for communications related to Hurricane Ida. ARRL is hopeful that the FCC will grant a longer-term waiver this week to enable planning and communications for any additional hurricanes this season.

NNNN/EX

### ARRL Continuing Education Program

Expand your Amateur Radio knowledge with our continuing education courses.

ARRL offers courses in a variety of formats. Courses are offered online, others are offered on CD and some are offered in classrooms in the local community.

<http://www.arrl.org/courses-training>



### NEW WEBSDR IN ICELAND

Iceland's IRA reports on August 24 Karl Georg Karlsson TF3CZ connected a new receiver over the internet covering 24-1800 MHz

A translation of the IRA post reads:

QTH is Perlan in Öskjuhlíð in Reykjavík. These are Airspy R2 SDR receivers for 24-1800 MHz (on VHF and UHF). The antenna is a Diamond D-190.

Karl Georg stated the following on FB:

The extension is not just for 2m, it can only be on one band at a time. So if one user switches, others who are connected also move between bands. (However, you can listen to each frequency within the same band). The receiver automatically tunes to APRS QRG 144.800 MHz, see the APRS website: <http://SDR.ekkert.org/map>

URL of the receiver

<http://perlan.utvarp.com/#freq=24890000,mod=usb,sql=-150>

Thanks to Karl Georg for his valuable contribution. This is an important addition for radio amateurs who experiment in these frequency ranges, as well as listeners and anyone interested in the spread of radio waves.

IRA Board

Source Iceland's national amateur radio society, the IRA

<https://tinyurl.com/IcelandIRA>



LET EVERY NATION KNOW,  
WHETHER IT WISHES US WELL OR ILL,  
THAT WE SHALL PAY ANY PRICE,  
BEAR ANY BURDEN, MEET ANY HARDSHIP,  
SUPPORT ANY FRIEND, OPPOSE ANY FOE,  
TO ASSURE THE SURVIVAL AND SUCCESS OF LIBERTY.

*John Fitzgerald Kennedy*

## MARK YOUR CALENDAR ~NETS:

### EVERY MONDAY:

GMWS/ARES NET, 147.045, 7:30 PM

GMWS/W1AD 10M NET 28.333 8PM(BANDS PERMITTING)

VERMONT RACES ZONE#3 NEWT 6:30 PM NFMRA 440 NETWORK

### EVERY DAY:

VERMONT PHONE TRAFFIC NET, 3857 MHz, 7:30 PM

VT/NH TRAFFIC NET, 3539, 7:00 PM

### EVERY SUNDAY:

VERMONT PHONE EMERGENCY NET, 3976, 8:00 AM

ACARA ROUNDTABLE 147.36 (100 Hz) 8:00 PM

### UPCOMING VE SESSIONS:

BURLINGTON AREA VE RALPH KD1R 802-878-6454

GMWS FOR VE SESSIONS OR TESTING INFORMATION, PLEASE CONTACT  
TIM W1VT OR FORREST N1BBQ

*All times are local*

## NEXT REGULAR GMWS MEETING TUES SEPT 14, 2021 ON ZOOM.

PLEASE CHECK EMAIL LIST FOR INVITE AND FB  
FOR INFO. GREEN MOUNTAIN WIRELESS SOCIETY  
GROUP PAGE.

## MANY THANKS TO OUR CONTRIBUTORS!!

*Pete NJ2VT;*

*Forest N1BBQ*

*Frank W1AD*

*Calvin W1CLG*

*Scott W1SBW*

## CONTEST CORNER INFO:

Many people go to the ARRL Contest Calendar page to see what is playing for Ham radio contests and activities; but, there are plenty more activities in the hobby. Check out: <http://www.contestcalendar.com/contestcal.html>



PO BOX 84

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