

MEETING JULY 20

Rip's Report

July 2015

Happy
Birthday

Neil-KB2ZYS

Kevin-KM2E

Don-W1SWM

Bob-W2XM

Pete-W2XJT

Your dues are important to this club! We support the operation of the repeater at between 700 and 800 dollars per year just in electric bills. We are always upgrading and improving and maintaining the system. Some of this expense is covered by our members. Our insurance is \$320 per year. Food alone for Field Day and the picnic is over \$300. We purchase some kind of snack for each meeting at probably around an average of \$15 per month and about another \$100 plus for the goody fest. Other than dues our income is sparse. The only substantial income has been the fall tag sale and the goods to sell are running out. The income from the raffle is not a lot. Our paid roster so far in 2015 is only 26 members paid. About \$600 income from dues so far. A rough estimate is about \$1600 expense and about \$600 income leaving us in the hole for \$1000. At the current rate we will be broke in two years! I know that several more members will pay their dues soon, but if you could pay sooner it would make it easier to plan. These figures are obviously a rough estimate but i think you can all see the potential dilemma looming. Please consider helping to maintain your club. Not only dues but your attendance at the meetings and your donations toward the fall tag sale and other needed support.

PLEASE

PAY YOUR DUES



GOD BLESS
AMERICA



Please join us on the Tuesday night Roundtable on
147.210 at 7:00 PM. ALL are welcome!
Use the EchoLink (K2RVW-R) if need be.

MARK YOUR CALENDAR



Next Meeting
July 20
CHURCHTOWN
FIREHOUSE
2219 Cty 27
Hudson, NY
All are Welcome

Our July meeting will feature Lenny, N2LEN
District Emergency Coordinator, Eastern New York Section
Presentation Title:
“DStar communication”

**Newsletters back
to June 2006 on
the web site!**

RVWARS WEB PAGE

The Web Page has been updated! We added some info on the main page to try to keep folks aware of events. Comments and suggestions are welcome. We will keep Dave Clappers design at least for now. Let me know what you think.

www.rvwars.com

Join our Yahoo Group at the bottom
of our web page. [Www.rvwars.com](http://www.rvwars.com)
Simply enter your email address.

**June Meeting
7/20/2015
CHURCHTOWN**

**WE ARE NOW
ON FACEBOOK
CHECK IT OUT**

*2015 dues are
\$25.00 per indi-
vidual \$30.00 for
family \$5.00 for
students and
active Military
are free.*

FYI

RVWARS is a 501(c)(3) not-for-profit corporation. As such all monetary donations are tax deductible and donations of equipment are deductible. Please consider donating your idle equipment to the club for our use or for sale at the annual tag sale or auction.

**New DTMF codes for the New
Vantage Vue Weather Station:**

500-Wind Speed & Direction
 501-Outside Temperature
 502-Indoor Humidity
 503-Outdoor Humidity
 504-High Wind Speed (since mid-
 night)
 505-High Outside Temperature (since
 midnight)
 506-Low Outside Temperature (since
 midnight)
 Hopefully a Rain reading will be add-
 ed soon. But these are what is availa-
 ble at this point. The system is in-
 stalled and ready to use. Please feel
 free to try the codes and see what is
 going on at the repeater site at Forest
 Lake. (the outside temperature from the new system
 is different than that from the controller. They are
 different sensors.)

*Of course
I talk to myself
Sometimes I need expert advice*

2fun2fun.com

**TO USE THE BELOW CODES SIMP-
LY KEY UP AND ENTER THE CODE
WITH YOUR KEY PAD**

**SOME FUN 147.210
REPEATER DTMF CODES**

Site Info:	Daily High/Low
<u>228</u> -Outdoor Temp > <u>900</u>	
<u>229</u> -Indoor Temp > <u>910</u>	Resets at
<u>230</u> -DC Volt Bat 1 > <u>930</u>	1:00 AM
<u>231</u> -AC Volt read > <u>920</u>	Daily
<u>232</u> -DC Volt Bat 2 > <u>940</u>	

450-To check your input to the repeat-
 er. Key up and type 450, when it says
 “ready” QUICKLY key up and record
 your short message , un-key and it will
 play it back as it heard it.

WEATHER RADIO

310-ON

325-OFF

These codes will work on 449.925 as
 well as 2 Meters.

I would like to add a basic weather sta-
 tion sometime as well so we could ac-
 cess wind speed etc. up there.
 Feel Free to try them!



ARES

Tom, WE2G did a great presentation on message handling getting us started on one of the main functions of our group.

I want to thank Jules and Don and Joe for their awesome help getting the antennas rewired and a new dual band X-300 installed at the EOC on June 18th. The weather was perfect and the job although a bit of a struggle ended up well. We now have a folded dipole HF antenna and a dual band X-300 VHF/UHF antenna and a Ringo 220 MHz antenna connected and working.

Anyone interested in joining ARES please let me know. wa2uet@taconic.net

Weekly Nets

EVERY TUESDAY at 7:00 p.m.

Informal Roundtable on the 147.210 repeater ALL are welcome.

1st Wednesday of the Month

Columbia Greene-Emergency Net on the N2LEN 147.150 Repeater 7:00 PM

Repeaters

147.210/147.810 NO PL tone

449.925/444.925 NO PL tone

224.280/222.680 NO PL tone

Vital Statistics

President — Tom Gutierrez, N2NZD
 Vice President — Don Peterson, W1SWM
 Secretary — Carl Roby, WB2TCV
 Treasurer — Stan Engel WA2UET
 Historian — Carl Verderber WA2UJX
 Safety Officer — Stan Engel WA2UET
 Repeaters — 147.210 224.280 449.925
 Club Call — K2RVW
 Club Special Event Call—WD2K
 Web Page — <http://www.rvwars.com>
 NEWS E-mail — wa2uet@taconic.net
 Yahoo Group
<http://groups.yahoo.com/group/RVWARS/>

Dave Galletly, KM2O, the Section Emergency Coordinator for the Eastern New York section of the ARRL, and Field Instructor and Field Examiner for emergency communications as well as a VE, gave an interesting and informative talk on "Amateur Radio and the Served Community". He touched on Disaster Response Recovery, neighborhood preparedness, building relationships, and a need to build and improve our operating skills, technical skills, communications and relationship with our neighbors so we can be 'information resources' to our communities. He also talked about the new Memorandum of Understanding (MOU) between the ARRL and FEMA. Many questions were asked by the attentive group.

Don, W1SWM



Join us for our July meeting At the Churchtown Firehouse

Rip Van Winkle Amateur Radio Society, Inc.

Treasurers Report

June 15, 2015

Balance Fwd. Checking Acct	\$1242.32
Repts:	
Dues	\$100.00
Raffle	\$80.00
Donations (Triplexer)	\$100.00
County Re-imbursement	\$325.49
Total	\$605.49
Exp:	
NYSEG	\$50.52
Raffle Prize	\$100.56
ARES	\$434.37
Subway	\$11.91
Gas FD	\$16.60
Connectors	\$70.87
Total	\$684.93
Checking Bal	\$1162.88
Petty Cash	\$50.00
Savings Acct Bal	\$1011.51
Total RVWARS monies	\$2224.39



PLEASE COME TO YOUR CLUB MEETINGS.

WE NEED YOU!

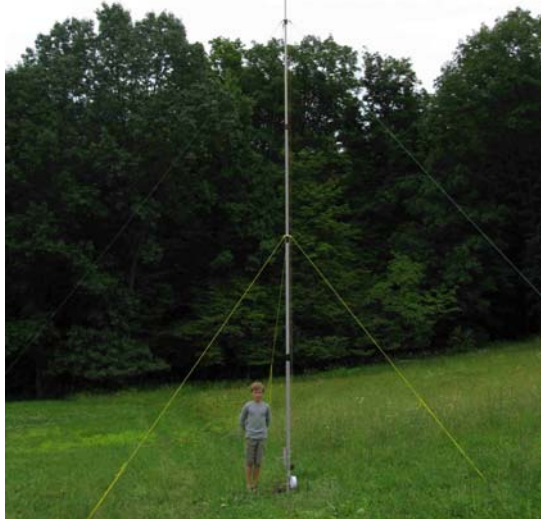
Directions from the north to Churchtown firehouse...

Take exit 12 off of I90 onto route 9 south. Travel 4.6 miles to the traffic circle and take the first right out of the circle (not the mall) onto route 9H. About 11.5 miles you will come to a traffic light intersection of 9H and route 66. Go straight through that light for about 3.6 miles to the next traffic light at 9H and route 23. Again go straight through that light for about 1.1 miles to a left turn off of 9H onto County Route 27. It is marked. Stay on route 27 for about 2.5 miles and the Firehouse is on the right with a sign out front. Park in the lot just before the building.

Firehouse from RVW Bridge and 9G.

From the intersection of 9G and Route 23 take 23 about 2.7 miles to the traffic light at the intersection of Route 9. Go straight through the traffic light and travel about 2.7 miles on route 9 to the next traffic light at the intersection of 9H and 82. Turn left at that light onto Route 9H about 2.8 miles to County 27. Stay on route 27 for about 2.5 miles and the Firehouse is on the right with a sign out front. Park in the lot just before the building.

HOME BREW VERTICAL



The photo is of KD2GLL, William, standing next to a new multiband vertical I designed for my three grandsons who wanted to operate Field Day as a group on low power, non-club group 1A.

The antenna is based on a MaxGain 6 section telescoping fiberglass mast, 32 feet high, MK-6, Standard. I used EZNEC 5.0+ to come up with a minimalist radial / counterpoise system that would provide a decent match on 80 through 10 and wound up with 4 radial wires of different lengths which yielded acceptable results and minimal azimuthal pattern distortion.

The radiating part of the antenna consisted of #14 Davis Flexweave on a reel at the bottom of the mast with another small reel of nylon

cord that ran up to a capacitive top hat at the top of the mast with a pulley and mechanism that connected the Flexweave to the top hat when pulled all the way up.

The top hat brought the 40 meter resonant point a little below the band edge but easily handled by the tuner in the IC-703. A loading coil at the base brought the antenna into resonance at 80 meters and all other bands were tuned by adjusting the height of the radiator. 10 meters used a $\frac{3}{4}$ wave radiator.

More details on the antenna construction will appear in a future newsletter issue.

K2KGJ

Jules

NEW TRAILER

hi All- I purchased a new 2016 gulfstream tow trailer camper. I hopefully will use this as my portable/rover shack. it is the basic 1989bh model. I removed the big bed mattress...and rugged the complete floor. i hope to have an hf allmode,(knwd440s) for now: 2/220/440 fm..IF i'm calling cq portable...this is where i'll be...i'm uncertain i'll be 'cold weather'...so til some time in future..i'll be warm season only....either full hookup or boon-dock rv parks. :) 73-ghcall ke2eb.

AMAZON DONATES TO ARRL!

Amazon.com has a program named Smile that donates 0.5% of your purchase price to the registered charity of your choice. There is no cost to you. The ARRL is now registered as a charitable organization for the program.

To participate, go to <http://smile.amazon.com>. If you don't already have an Amazon account, you'll need to set one up. You'll be asked to sign up for the Smile program which is only a couple of clicks to select a registered organization. Simply select "AMERICAN RADIO RELAY LEAGUE INC"

Once you've signed up, please do your Amazon shopping by going to <http://smile.amazon.com>, and 0.5% of your purchases will be donated to the ARRL. Signing up is a one time process.

This is a simple and painless way to contribute to the League. For a FAQ about the program, visit <http://smile.amazon.com/about>.

73 de Mike N2YBB

ARRL Hudson Division
Director: Mike Lisenco, N2YBB
n2ybb@arrl.org



RVWARS REPEATER CHATTER

We WILL have a work party sometime soon! :-) Just seem to be short on time lately.

The weather is getting nicer. I will post on the Yahoo group when we can go up on the hill and do some house keeping.

We have STILL not tested the Generator setup for the repeater. I just have not gotten much done in some time. I will try to get that done before something major happens.

Stan, WA2UET



CURMUDGEON NEEDED!

It's imperative that we find another "Curmudgeon" as soon as possible! I have printed all of WD2K's great Musings that I have.

Someone out there should be able to carry on the tradition. Please send me your Musings!!!

ARRL has just published another PowerPoint Jeopardy-type game for instructors to use in exam-prep classes for the General-class test. The game was produced by our own W2XM. The new game, and several old ones, can be found at <http://www.arrl.org/instruction-exam-practice-and-review>.

RVWARS ON FACEBOOK!

There is now a group on Facebook for the Rip Van Winkle Amateur Radio Society. Just search for the above. There are currently 13 members since Tom started the group about a month ago. Please join in!

**The Meeting
room in the
Churchtown
Firehouse is
HUGE. Bring
yourself and lots
of other folks.**

2015 Dues

Mail to:

Stan Engel, WA2UET

PO Box 153

Ghent, NY 12075

**Or bring with you to meeting
Make checks Payable to RVWARS**

Join the RVWARS Yahoo Group. Go to the www.rvwars.com web site and scroll to the bottom of the page and simply enter your email address into the box.



Churchtown Firehouse



From the West RVW Bridge or 9G take Rt 23 to the 9H intersection and either go North to School House Rd and to Churchtown Firehouse or go through the light and take Bells Pond Road to the Firehouse. From the North or from Hudson go south on 9H, from the traffic light in Claverack, about 1 mile, to County Route 27 on the left then 2.4 miles to the Firehouse.

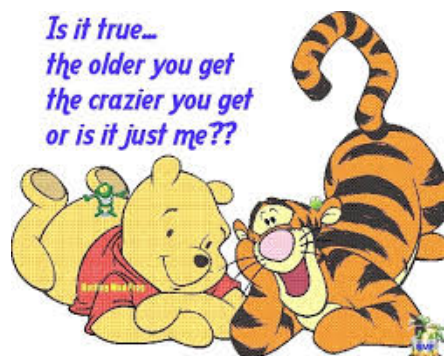
Park in the lot to the right of the Firehouse and enter through the Main Entrance. Someone will be listening to the repeater and will help you if need be. "FIREHOUSE" is indicated on the right side of the map.

New and Old HAMS needed!

Columbia County (ARES) "Amateur Radio Emergency Service" and (RACES) "Radio Amateur Civil Emergency Services" are seeking new members. We currently meet once a month prior to the regular meeting. We do an occasional public service event as ARES members where we utilize our communications skills and equipment to assist with public safety. We assist the County with Civil Emergencies and disaster communications when they request us. No equipment required. No experience required. Total voluntary participation. Your help is appreciated when needed to maintain communications during disaster, emergencies or public service events. If you think you might be interested, please email me or ask at field day or an RVW meeting.

Thank you.
TomG (n2nzd@taconic.net)

We are going to put a HF/VHF station in the firehouse meeting area. Details are just being talked about. If it works out members and guests could do some operating before and after the meeting.



Amazing how some people can grow old without really growing up, age is nothing but a number.

L I F E Q U O T E S R U . C O M

As Field Day Chairman I want to thank all that showed up at our Field Day Exercise! Despite the bad weather we all had a good weekend with lots of contacts and good food. The triband antenna is still giving us some problems but we plan on finding and fixing it for next year. We purchased a new Triplexer this year and that worked great. Jules, K2KGJ, tested all of our coax and found that some of the very old stuff needed to be discarded. Some needs new connectors and some is fine. So again we will plan on fixing what is useable and make it better.

I also want to thank Todd, KC2YKM for taking care of all the heavy transport of the tower and generator to and from the site.

And of course our food preparers Barry, WA2KLP and his sidekick Nathan for doing their great job of purchasing and preparing some great meals.

Stan, WA2UET

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ARDUINO PROJECT

HamShield turns an Arduino into a VHF/UHF transceiver

By Dan Romanchik, KB6NU

The Arduino seems to be making a big splash in ham radio circles these days. The ARRL has recently published a couple of books about the Arduino and Arduino-based amateur radio projects. And, recently, I purchased a NanoKeyer (nanokeyer.wordpress.com), which is a CW keyer powered by an Arduino Nano.

Now, a couple of enterprising young hams have built the HamShield (<https://www.kickstarter.com/projects/749835103/hamshield-for-arduino-vhf-uhf-transceiver>). It's an Arduino shield that turns an Arduino into a VHF/UHF transceiver. With the HamShield, you can transmit and receive on the 2 m, 220 MHz, and 440 MHz bands.

According to Casey, KC7IBT, one of the project leaders, "We have both voice and data working on the shield right now and also have a powerful library to control it."

"We also have it talking to the Chrome browser, so any computer that can run a web browser can operate a packet radio station or voice station. We also have another piece of chrome software called "APRS Messenger", a text messaging app for APRS. One of our prototypes is in a neat little case that clips right to the back of your laptop (shown in the video). I will launch these apps in the Chrome Store once we get closer to completion.

"We have 10 working prototypes currently, but need to raise money to fund the production cost and get the unit prices down to acceptable levels. This means buying parts in bulk and reducing production costs."

I think this is a very cool project, and I hope that you'll consider supporting the HamShield Kickstarter project. I plan to get one and see what I can do with it.

=====

When not playing with Arduinos, Dan operates CW on the HF bands and blogs about amateur radio at KB6NU.Com. He is also the author of the "No-Nonsense" amateur radio license study guides. His most recent book is The CW Geek's Guide to Having Fun with Morse Code. The books are available on his website or on Amazon.

FIELD DAY PHOTOS



For Sale
2012 Keystone Retreat 39 FDEN

New lower price \$30,500

Call (518)784-3864

Ask for Mike or Patti or leave message



I have a Item here I would like to put in the News Letter For Sale I is a AOR TDF-370 DSP Multi Media Terminal NEW in Box. Everything is there plus I burned a CD for the unit. There is a link below of a description on what the thing does plus you can go right to a PDF file for the owners manual and a picture of the unit. Thanks !!!!!

I am ASKING \$225.00
 Mike , N2JVE
<http://www.usascan.com/files/tdf370.html>

FOR SALE

For the news letter

Anyone interested it this package.

MFJ 962 tuner
 Ten-Tek HF rig
 Forty foot crank up tower
 CDR rotor & cable
 Coax cable
 Tri Beam Ant

You have to take it down
 Price total-----\$550.00

Wa2uyy
 Ron Coons Sr.
 518-945-3731

FOR SALE

I am selling my Ameritron AL-572 Amplifier.

I prefer to sell it locally and Not have to ship it. Wired for normal 117v house current.

I bought it New, and do not smoke.

\$1250. No Trades.

Email is valid on my QRZ page

73 K2HAT Lee Hatfield Jr

**PROFESSIONAL
 INSURED
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 DISCOUNT RATES FOR HAMS**

**ANTENNAS - FEED LINES
 INSTALLED & REMOVED**

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 518-965-9299**

