

# SKYWARN Rip's Report

May 2013



## Happy Birthday

Wayne-K2WG  
Martha-KC2MDY  
Mary-KC2SAG

**OUR REPEATERS ARE BACK ON THE AIR!  
GIVE THEM A TRY.  
REPORTS ARE WELCOME!**

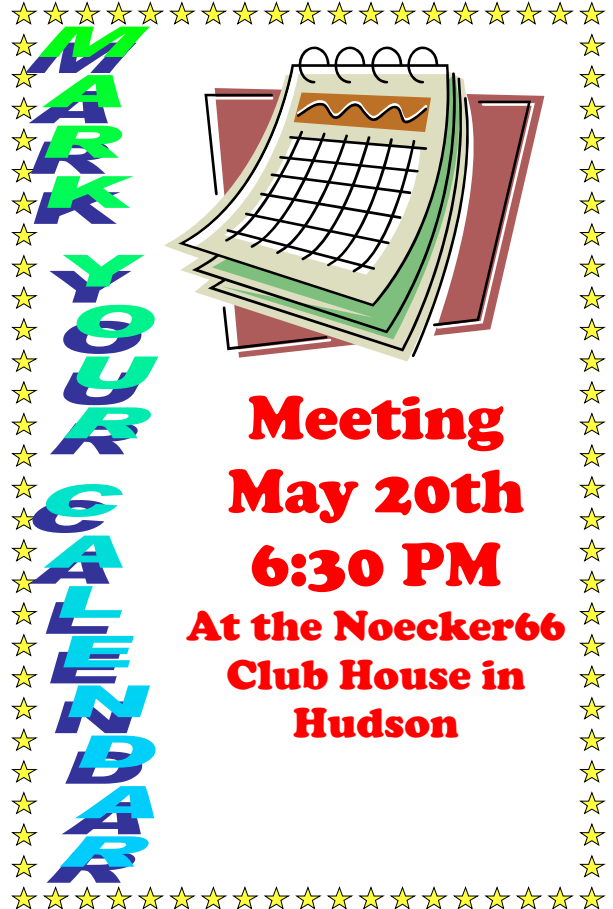
*2014 dues are \$25.00 per individual \$30.00 for family \$5.00 for students and active Military are free.*

**2014 Dues**  
Mail to:  
Stan Engel, WA2UET  
PO Box 153  
Ghent, NY 12075  
Or bring with you to meeting  
Make checks Payable to RVWARS

**2014 DUES CAN BE PAID!**



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**



**Meeting  
May 20th  
6:30 PM  
At the Noecker66  
Club House in  
Hudson**

# +++K2RVW-RVWARS+++

## SKYWARN TRAINING MAY 20

### 7:00 PM AFTER RIPPERS MEETING

### AT 6:30

See photos and past  
Newsletters and much  
much more club  
information at:  
[www.w2jsn.com](http://www.w2jsn.com)

### 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](http://www.rvwars.com)

[Join our Yahoo Group at the bottom of the web page. Simply enter your email address.](#)

### N2LEN Repeaters

#### The N2LEN Repeater Network:

147.150 114.8hz East Windham, NY  
449.025 114.8hz New Baltimore, NY  
448.275 114.8hz Colonel's Chair Ridge  
442.050 114.8hz Sam's Point, NY 2200'

#### Yahoo Groups

<http://groups.yahoo.com/group/N2LENREPEATER/>

<http://groups.yahoo.com/group/ECHOLINK/>

<http://groups.yahoo.com/group/GCNYARES/RACES/>  
Echolink Node #6269  
IRLP Node #4207

### REPEATER REPORT

Arnie of NYAIR did a great job of getting our refurbished antenna on the top of the tower. It was a very windy day but he fought with it and finally got it installed. Thanks a bunch to Carl, WB2TCV for the help!

Finally got the new RM-20M power supply. We are going to include trickle charge circuits soon.

We have the Spectrum Analyzer! Have not had a chance to try it yet but it looks impressive. We still need to purchase the Antenna Analyzer for \$500 and I would like to start a fund drive for that purchase. We should discuss that at the next meeting. All club donations are tax deductible.

I changed the duplexers back to the TX/RX 4 can set and I think it might have helped quiet the repeater. If we continue to have problems I will replace the receive module.

### SOME FUN 147.210 REPEATER DTMF CODES

#### Site Info:

**228-Outdoor Temp**

**229-Indoor Temp**

**230-DC Volt Bat 1**

**231-AC Volt read**

**232-DC Volt Bat 2**

Daily Highs and Lows for the above readings: **900 through 940**

**450-To check your input to the repeater. Key up 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.

I would like to add a basic weather station sometime as well so we could access wind speed etc. up there.

**2013 License  
Class  
See Page 8**

### RVW WORK PARTY

Good weather is upon us! I will post a date on the Yahoo Group. The little refrigerator in the shelter needs scrubbing after a couple of soda cans froze and exploded in it. AND we need to bury the service to the old shelter deeper sometime soon. If anyone has a small trencher or knows someone that does maybe we could borrow it. Otherwise I will see what it cost to rent one for a day. We only need to get it down about 12"...

### 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)



## Upcoming Events

**RVWARS Meeting**  
**Monday May 20th**  
**6:30 PM**  
**Skywarn at 7:00**  
**Noecker66 Club House**

**ARES Meeting**  
**N2NZD-EC**

## 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

***BACK ON THE AIR!!!***

147.210/147.810 NO PL tone  
449.925/444.925 NO PL tone  
224.280/222.680 NO PL tone

## Vital Statistics

President — Mike Alecksynas N2JVE  
Vice President — Tom Gutierrez N2NZD  
Secretary — Tom Cody WE2G  
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](mailto:wa2uet@taconic.net)  
Yahoo Group  
<http://groups.yahoo.com/group/RVWARS/>

## RVWARS Meeting April 15, 2013

- Meeting called to order at 7:06pm by Vice President. N2NZD. Attendance 17.
- Secretary's report read. Motion to accept by W1SWM, second by WA2UJX.
- Treasurer's report Checking \$2178.76, Savings \$1011.29, Petty Cash, \$50.00, Grant, \$1000.00, Total \$4240.05
- **ARES**  
Meeting held 15 minutes before club meeting. Nothing to discuss. No news from Greene County.
- **Repeater**  
Antenna should be installed soon. Voltage is stable. Noise problem and fading on the repeater. Received \$1000 grant toward analyzer. \$500 more needed. Analyzer discussed. Specs were discussed at February meeting. Motion by WE2G second by WB2TCV to pay \$500 toward analyzer. Carried.
- **Field Day**  
Chair needed. Pick-up or trailer needed to transport tower, antennas and wire from County facility. Generator is at repeater site.
- **Old Business**  
N2JVE had prices on jackets. Price approximately \$90 per jacket. Don, W1SWM, also had literature. Tabled.  
Classes will be held June 1 and 8, 8 to 5, with VE session on the 8<sup>th</sup>. Lunch will be provided.
- **New Business**  
Tom will contact state governor about amateur radio week.
- Meeting closed at 7:30pm. Motion by WA2UJX, Seconded by WA2KLP. 50-50 drawing won by W1SWM.

Respectfully Submitted,

Thomas J Cody, Secretary, RVWARS

## Rip Van Winkle Amateur Radio Society, Inc.

### Treasurers Report

April 15, 2013

**Balance Fwd. Checking Acct \$2250.20**

<b>Repts:</b> Dues	\$260.00
Auction	\$94.00
Raffle	\$135.00

**Total \$489.00**

<b>Exp:</b> NYSEG	\$55.60
Subway	\$21.60
ARRL	\$23.45 (raffle prize)
TV	\$309.79 (raffle prize)
Claverack Park	\$150.00

**Total \$560.44**

**Checking Bal \$2178.76**

**Petty Cash \$50.00**

**Savings Acct Bal \$1011.29**

**Hudson River Grant \$1000.00**

**Total RVWARS monies \$4240.05**





# 2013 Field Day Raffle

## Drawing on June 22nd—First Prize

Toshiba 32L1350U 32" 720p LED-LCD TV - 16:9 - HDTV  
Audyssey ABX, Audyssey EQ - 3 x HDMI - USB - Media Player

### General Information

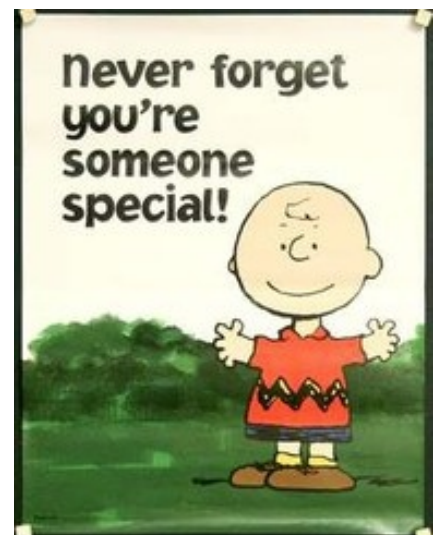
Manufacturer: Toshiba  
Manufacturer Part Number: 32L1350U  
Manufacturer Website Address: [www.toshiba.com](http://www.toshiba.com)

Not too big, not too small, the Toshiba 32" class L1350U is the perfect sleek, slim and unobtrusive television for use as your primary TV or as an extra TV for your master bedroom. Completely new and elegantly designed with curved corners and a sleek stand, the 32" class L1350U features an energy-efficient LED backlight for bright sharp images and ClearScan® 120Hz technology that doubles the refresh rate for clearer fast motion video. It also features Dynamic Picture Mode for maximum contrast, clarity and color saturation and the versatility of a full set of connections. Beautifully designed and perfectly sized, you can leave it on its stand or mount it anywhere you want a TV that's perfect for any room.



## Second Prize—ARRL Desktop Repeater Directory

***Join the RVWARS Yahoo Group. Go to the [www.rvwars.com](http://www.rvwars.com) web site and scroll to the bottom of the page and simply enter your email address into the box.***



## Exam-prep Jepperdee

Engineer-turned-educator W2XM has developed three versions of "Exam-prep Jepperdee" which can be found on the ARRL website. Each contains questions from the appropriate FCC question pool and can facilitate a fun-filled review when used with W2XM's game hardware (relays, lights, sounder, and push-buttons; all junque-box or flea-market items). The web addresses are  
<http://www.arrl.org/tech-prep-resource-library>  
<http://www.arrl.org/studying-for-the-general-license>  
<http://www.arrl.org/studying-for-an-extra-license>

A new Tech-exam-prep version is under construction by the author and is scheduled for completion March 1.

## Antique Radio Club of Schenectady Informal Meeting Notes of December 23, 2012

Meeting at St Rose College, 997 Madison Ave, Albany NY  
14 Members were present who braved the cold 20 degree weather two days before Christmas.

**Tailgate Highlights:** 11:30 AM. Free Antique Radio Magazine. A large assortment of Radio and TV test equipment for sale a reasonable prices. Ex a VTVM and Substitution box was offered for \$7.

**Formal Highlights:** Dilemma with local vendors when procuring replacement parts resolved. Several crystal sets exhibited and their operation discussed. A brass variable capacitor was exhibited and questions were raised as to its application and use. A Crosby 8 radio was brought in by a new member who was seeking advice on rehabbing it. A radio listener gave us a trip down memory with an account of a program aired on Dec 7 retelling famous broadcasts of WW2. Trouble in disassembling a frozen knob and tuning sleeve was investigated on a Westinghouse H198. A bull horn was displayed. A member displayed a multiband radio in mint condition and told how it was purchased for \$10.

**Events:** Report on Dec 1, Antique Radio Club of Conn were favorable.

**Tips:** When installing a new component in place of an old one, just cut the leads of the old component and remove it. Take the new component, make a pig tail at each end and insert it over the old lead and solder. The trick is to get a nice tight pigtail. I used to try doing this with a soldering aid but the pigtail was not a tight fit and it did not give me a good "mechanical" fit before soldering. I approached a parts vendor for help and he recommend you use a paper clip as a "mandrel" to wrap the wire around. This idea worked.

**Laments:** Waiting for February when the Balston Spa mini sale comes.

**Refreshments:** Good comments on the eggnog, DD coffee and donuts.

**Looking for:** Found a Knob for Halicrafters S38E. Looking for a pair of 6SJ7s. Found Documentation on Westinghouse H-198. Found a National NC-98? Transformer.

**Quote:** "It's a great life, if you don't weaken" Edison

**Next meeting:** I believe January 27, 2013

**Antique Radio club meetings 4th Sunday each  
month 11:30 AM, 998 Madison Ave, Albany NY,  
St Rose College Media Center**

## CDTN CHANGE

Effective Friday March 1st 2013 the CDTN Sunday thru Friday net will be moving to 147.270 which is Plus offset of 600 so listen at 147.270 TX at 147.870 tone 94.8

The Echolink might not be on yet, but KC2FCP Tommy Scorsone said he shall get it turned back on soon.

The last day of the Month and as a Backup we will still use the 147.120 tone 100 Albany Emergency Services Repeater. Saturdays will still stay on the N2LEN repeaters.

Thanks to all who help with the Capital District Traffic Net. :)  
73 K2HAT Lee Hatfield Jr

**IF NO ONE  
THINKS  
YOU CAN  
THEN YOU  
HAVE TO**

*I only have a few of Daves columns left. It would be really neat to have someone take this column over. It makes great reading! PLEASE! There must be a curmudgeon out there!*

## MUSING OF A CURMUDGEON



Throughout the last few weeks I have enjoyed listening to the conversations on the repeater as some of our newer members discover the world of DX as ten meters finally comes back to life. Listening to the reports and exchange of information about the stations worked and the sharing of spots with others reminded me that the magic of radio is still alive.

Their excitement spread to many of the hardened old DXers and soon they had rediscovered the magic of ten when it is open and the crowd began to grow. Before long other hams without HF privileges got caught up in the fun and were asking about what was on the bands and talking about studying code so they could join the chase. The magic had taken hold.

This seems to have happened all over the country and twenty meter stations are calling CQ without answers whenever ten meters is open. Seemingly we have rediscovered the fun and excitement of operating on HF and it is the newcomers who are leading the way. In spite of all the dire predictions they have responded to band openings as Amateur have done for a century, the HF bug has bitten them and there is no cure.

We have several years of great band conditions and more good years after that to enjoy these conditions before the cycle winds down toward the bottom. Years in which to build the treasury of memories that will carry us through the doldrums until the magic day when the new cycle rises high enough to reopen the bands. That is the eleven year cycle, a cycle of experiences shared among friends, a cycle that does not end.

Dave Watrous, WD2K—11/98



## A SURPRISE ENDING TO RADIO COLLECTING

April 21, 2013

By: Carl J. Verderber WA2UJX

I enjoy antique radio. I like the idea of exploring the evolution of circuit design and the breakthroughs of component technology. Magazines of the period are a very good way to get the picture of that evolution. Looking through some very old radio magazines, I reminisced about days when the items I see for sale and available to 20's and 30's amateurs were new. Most of those pieces of equipment are now collectable and in some cases, very rare.

Magazines like the 1938 Radio-Craft "50 Years of Radio" edition, the 1930 Allied Radio Catalog "for screen grid models", and issues of QST from 1924 to 1936 allow me to visualize the wonderment of the newest technology available at that time.

Radios like GREBE, Majestic, RCA, Westinghouse, G.E. were paramount in the home receiver field. Most of these radios were sold without tubes. You had to purchase tubes separately.

Amateur ads were mostly geared to parts and components needed to build home brew transmitters or receivers. Sangamo Electric had fixed capacitors and transformers, Allen-Bradley sold resistors, Jewell provided meter movements, National offered many dials and tuning units, Cardwell sold tuning condensers. For tubes - RCA was always there with many transmitting types.

Of course there were ads for kit transmitters and receivers from many manufacturers whose names can be found in the "dustbin" of time like the AERO COIL No.52 - 150 Watt transmitter/audio amplifier kit offered for \$259.00 without tubes and no power supply. In today's dollars that would be like \$8,000.00. Considering a 1929 Chevy car was about \$500.00 the total cost of the AERO transmitter kit with power supply and tubes would be close to the cost of the car. It's no wonder why amateurs would build their own sets.

Then I looked through the April and May 1936 editions of QST and found more modern transmitter and receiver designs. Because tube technology took a big leap in 1933/34, circuit performance was enhanced tremendously. Then I scanned through the "Ham- Ads".

Along with "I need a tube ....." and "I am selling a good 25 watt transmitter

...." I found something I couldn't believe. In both issues was a wanted ad that read: "WANTED old radio sets or parts for Ham antique collection. All letters answered. W6LM". Here it was - well before I was even born - people collecting antique radios and parts in 1933. What was I thinking about - of course there would be collectors (right in the middle of the Depression) spending money buying antiques. That was when I understood the reason I could never find many antique radios and transmitters during the 60's and 70's. They all got bought up long before I started looking!

So the next time you pickup an old issue of QST and RadioCraft don't forget to look at the Reader Ads sections. You'll be amazed at what people were selling and what they were buying! END



## 2013 Technician License Class Schedule

### Saturday June 1, 2013 8 AM to Noon

1. Welcome to Amateur Radio
2. Radio Signals, Waves and Modulation
3. Radio Equipment Basics
4. Math Review
5. Electricity
6. Electronic Components

### Saturday June 1, 2013 1 PM to 5 PM

1. Types of Radios and Radio Circuits
2. Propagation
3. Antennas and Feed Lines
4. Practical Antenna Systems
5. Basic Amateur Radio station

### Saturday June 8, 2013 8 AM to Noon

1. Power Supplies and RF Interference
2. Communicating with Other Hams
3. License Terms and Working with the FCC
4. Bands and Privileges
5. International Rules and Call Signs

### Saturday June 8, 2013 1 PM to 5 PM

1. Operating Regulations
2. Electrical Safety
3. Radio Frequency Exposure
4. Mechanical Safety
5. Practice exam[s]
6. VE Session



## Greene County Amateur Radio Club Minutes April 9th 2013

Pledge of Allegiance

Introductions of new club members:

The club officially welcomed:

1: JR, W4NYF

2: Bill, WA2PVV

3: Jim Mc Manis (Jim's son KC2USW

Treasury Report Given by:

Jim KC2USW

Omitted

Dennis KB2DYB paid \$10.00 for Raffle Tickets

Updated total:

Omitted

President Claude WT2C, also welcomed Clarke (Preston's friend) into the club

Motion to accept the treasury Report by Claude, WT2C Second Motion made by V.P.

Preston, AC2DK.

Recap of Last Month's meetings Minutes: Given by, Claude WT2C

Club repeater discussion: Claude personally thanked Bill, WA2PVV for tuning the duplexers.

Upcoming VE class session, Update given by, Len N2LEN

Len suggested for possible refreshments: Motion for refreshments by Len N2LEN, Second motions by Bob, KB2SOJ and Preston AC2DK, Club will take care of refreshments, by, Jim KC2USW.

Further discussion about how the club can offer thanks to the NYC VE team.

Len N2LEN, gave an update on the 147.090 repeater project.

Claude WT2C, mentioned, Update on Ken N2SQW noise situation?

New Business:

Suggestion from Ken, KC2VUG to have County Legislature's Bill Lawrence and Harry Lennon to be made Associate members of the club for their continuing contribution and ongoing support for Amateur radio here in Greene County, NY.

Question made: Do we have "Associate Members"?

Jim KC2USW, The club executive board will work out the details.

New Business:

Len N2LEN brought up JOTA. Leslie Birk contacted him through Facebook asking for an update.

Claude WT2C, suggested having it on the same day as the Cub scout "Fall Family Fun Day" at Camp Tri-Mount. Len will ask Leslie to contact Ray Braun Rip Van Winkle Scouting Executive, to ask about switching the scout day to JOTA weekend.

New Business:

FIELD DAY 2013 WEEKEND:

Claude WT2C, will host Field Day at his QTH this year. It was suggested that we hold the May Meeting at Claude's house for Field Day planning.

Claude WT2C suggested getting his address right off of the QRZ.com webpage.

Jim KC2USW will setup a caravan to go to Claude's house at 6:30PM, May 14th.

Field Day Equipment discussion: BY club members:

A couple of HF stations

20, 40, 80 meters, Yagi's.

Claude WT2C, was asked to explain what Field day is about to new club members.

Dave, KB2YBK, suggested to: "Send off a reminder too... Bill Lawrence and Harry Lennon about Field Day Weekend and extend an invitation.

Preston AC2DK, Suggested that he will get in touch with radio station WCKL.

Meeting brought to a close by President Claude WT2C,

Meeting Officially Adjourned by Claude WT2C, at 7:46 PM EST.

Minutes Respectfully Submitted by:

Len Signoretti, N2LEN





# GET YOUR OFFICIAL FCC AMATEUR RADIO LICENSE



## FREE 2 DAY CLASS

Sponsored by the Rip Van Winkle Amateur Radio Society, Inc.

**Saturday June 1—8 AM to 5 PM**

**Saturday June 8—8 AM to 5 PM**

**FREE Lunch and soda and coffee will be served**

**License exams given at the end of the class on the 8th.**

**Held at the Noecker66 Dealership  
Route 66 and Graham Avenue, Hudson**

*You can register now, email: [wa2uet@taconic.net](mailto:wa2uet@taconic.net)*

*Or: [we2g\\_1@yahoo.com](mailto:we2g_1@yahoo.com)*

*The License Manual is required and available at:*

*<http://www.arrl.org/shop/Ham-Radio-License-Manual-Revised-2nd-Edition/>*

*(walk-ins are welcome)*

*Schedule on page 7*





## Items for sale de K2WG

- Two Decibel UHF base station antennas. 20 years old but have not been in use since 2002. Exact model no longer manufactured but similar to current model ASP-705K 10 dB gain, 450-470, 500 watts, N female connector. Asking \$250.00 each or \$400.00 for both.

Contact: wayneg1231@fairpoint.net  
Phone: 392-5704

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Serving Greene and Columbia Counties  
Visit NYAIR.net

## Trade/Sale/In Search Of

I have some 'used condition' amateur rig's I purchased in the past 'new' eg. -1 Alinco DR-605 2/440 mtr fm dual band'r, 6 mtr fm mono band'r, 2 mtr fm mono band'r some 'cb' rig's (am), 1 is a ssb/am. These rig's either DO or Do Not function! Mostly all are easy/cheap 'radio repair' issues eg. internal 'fusing' maybe final or a digital led 'quirk' whatever! My Quest is to swap/trade (barter?) whatever it 'takes' from my 'rig collection' to acquire a simple mono mode cw or better if (Lucky:-) cw/ssb 2 MTR rig. Not qrp but qrp 5w or better. This can be Any 'working' stable rig, transverter, completer kit rig, (the mfj-2mtr is an example). If Anyone is Interested in 'trade' or trade/cash 'barter' I am open ears. :-)  
I've had much 2 mtr fun with fm now to go on with cw, and/or ssb. :-)-ke2eb George H. Call West Coxsackie, NY 518-731-9854 bubby-call@yahoo.com

## EGARA HAMFEST

The EGARA Hamfest is May 11 2013

Location: East Greenbush Fire Department  
68 Phillips Road  
Rensselaer, NY 12144

Website: <http://www.w2egb.org>

Sponsor: East Greenbush  
Amateur Radio Association

Type: ARRL Hamfest

Talk-In: 147.270 (PL 94.8)

Public Contact: Thomas Scorsone,  
KC2FCP

1310 10th Avenue Watervliet, NY 12189

Phone: 518-272-1494

Email: [kc2fcp@nycap.rr.com](mailto:kc2fcp@nycap.rr.com)

Vendor Set-up: 6:00 a.m.

General Public: 8:00 a.m. to 1:00 p.m.

General Admission: \$6

Vendors:

Pavilion: \$6 per table (Tables provided)

Tailgating: \$6 per 8 foot space

Hot Food All Day!

Breakfast: Sandwiches ,Doughnuts

Lunch: Hot Dogs, Hamburgers, Chili

Hot and Cold Drinks

Door Prizes\*

Drawings starting at 10:00 a.m.

Grand Prize: 2M Mobile Radio

Grand Prize Drawing at 1:00 p.m.

-----  
-\*MUST BE PRESENT TO WIN

<http://www.w2egb.org/docs/w2egb%20hamfest%202013.html>

I have about 16 -120 volt pan cake fans plus protective guards if you know of any one that needs one and 2-12volt 6watt.

10-- 10 watt fans----- \$4.00 @

1--12 watt-----\$5.00 @

3-- 20 watt-----\$5.00 @

2-14 watt-----\$5.00

\$5.00 for the 12 volt fans @

Contact Ron, WA2UYY

**If your ad is no  
longer valid  
please let me  
know.**

## 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

I have a new recently purchased in box, never used: KT 100 auto tuner. This tuner is for Kenwood 'newer' rig's via antenna connection.

I Would like to swap/exchange either or auto tuner with SO239 connectors, or else trade this tuner for a HT or mobile 2, or 2/440 FM rig of compatible cost. This KT-100 was \$199.99 s+h added. This antenna Tuner is Kenwood Only!

I purchased this tuner for a Kenwood TS440S..Not knowing it was not adaptable, for easy operation. I 'decided' I did not wish to pursue 're inventing' any other recourse in making tuner work for my TS440S. So.. I now wish to 'trade' this new KT-100 tuner, as it isn't 'needed' at this time for my personal usage. If this is acceptable for listing with our club rvwars, I'd like to recommend this item for possible 'trade/exchange' resource. thank you. vy 73!-ke2eb george call. 518-731-9854

**NO MT BEACON HAM FEST  
THIS SPRING!!!**