



# THE TARA NEWS

*Affiliate of the American Radio Relay League*

**Volume 19 © Issue 02 February 2008**

## Capital District Repeater Net

### Returns on T.A.R.A.

The long standing Capital District Repeater Traffic Net which went Silent Key a few months ago on the 146.94 due to lack of participation has been resuscitated and given a new home on the TARA Repeaters.

After a discussion between Mr. Bill- NY2U and Frank Gagliardi - W2FPG, they felt that in Memory and honor of Bob Daigneault, to whom this Net meant so much, it deserved another try over here where it might have more Traffic and more check-in's. The appropriate State officials were contacted and the Net was reactivated three weeks ago.

To start off for now, the Nets will be held on Mondays and Thursdays at 6:45 PM and if there is a necessity more evenings could be added in the future. The time for the Nets should work out well because on Mondays it is just before the TARA Computer Net and on Thursdays, the Rensselaer Co. ARES/RACES has their Net on the TARA Repeater at 7:30 PM.

So far things have worked out quite well as each Net has been averaging between 8-10 check-in's.

If you would like to help carry on this PROUD TRADITION and also BRUSH-UP on your Message Handling Skills just check-in to the Net, Listen & Learn. When you feel comfortable try passing some traffic.

The Public Service Communications Manual and Sample Radiograms (Green Book & Pink Sheet) and also sample Radiograms are available in the Files Section of the RC RACES and TARA Yahoo Groups.

## TARA Club Meetings Re-Scheduled for February and March 2008

Please, take note that TARA's next monthly meeting will be held on **Tuesday - February 26** at **7:00 PM** over in Green Island. I know you no doubt have seen and read the preloaded announcements that the TARA NEWS GROUP sends out telling of the upcoming meeting on February 19 but that meeting was CANCELLED!

Yes, we had a scheduling conflict with the Village of Green Island and we were more than glad to help them out by changing our meeting date. Also, take note that the March meeting has also been changed to March 25.

I hope all of you will circle **February 26 & March 25** on your calendar right now so you won't forget. Also, pass the word around to your friends and others on the repeater so we'll get the word out.

We're sorry about this change in dates and hope it doesn't conflict with your normal schedule.

**73** de

*NY2U "Mr. Bill"*

[View Interactive MapQuest Map of 17 George Street, Green Island, NY, US](#)



*More than a Club*



*We're a Family*



# Upcoming Public Service Events



Greetings Everyone,  
On Saturday, March 8<sup>th</sup> 2008, The TARA Public Service will be hosting our first event of the year for 2008. It is the "Runnin of the Green" in Green Island, and is a 4 mile Road Race sponsored by the "Hudson Mohawk Road Runners Club.



I will need at least 8 people to volunteer for this race. You can use either a HT or a mobile rig. The race starts at 10:00 am and we should finish by 11:30 ish.

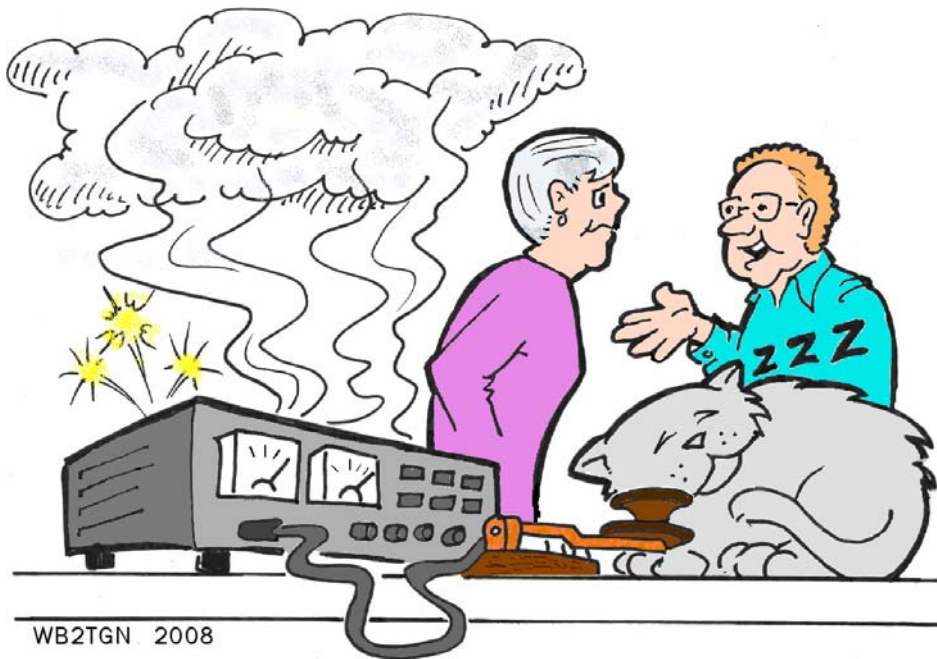
If anyone is interested in more info or would like to sign up to help with this public service event...please call me, Karen, anytime at 273-6594. Thanks in advance.

73,  
Karen KS20

## "Runnin of the Green"

Sponsored by

**Hudson-Mohawk Roadrunners Club**  
**TARA FUNNIES**



WB2TGN 2008

Jasper and I were always curious as to how Smokey got his name !!  
Now I know, How !!

**March-08-2008**  
**Runnin of the Green**  
**Green Island, N.Y.**  
**Sat. 10:00 AM**

**May-15-2008**  
**GHI Work Force Run**  
**Washington Park, Albany**  
**Thursday 6:25 PM**

**May-10-2008**  
**E. Greenbush Rotary Run**  
**Saturday 8:00 AM**

**May-26-2008 Watervliet**  
**Memorial Day Parade**  
**Watervliet, N.Y.**  
**Monday 10:00 AM**

**June-07-2008**  
**Freihofer's Run for Women**  
**Washington Park, Albany**  
**Saturday, 10:00 AM**

**September-28-2008**  
**Arsenal City Run**  
**Watervliet, N.Y.**  
**Sunday, 8:00 AM**

**10-30-08 Thurs.10-31-08 Fri.**  
**Pumpkin Patrol**  
**Rensselaer, Schenectady**  
**and Albany Co's.**  
**6:00-10:00 PM**

# Romney "Disses" Amateur Radio In Televised Town Meeting

This worries me about a man/woman, regardless of their political affiliation that lacks the common sense to learn from what transpired during Hurricane Katrina and many other Natural Disasters and lacks the foresight to plan ahead and then just outright dismiss a resource like amateur radio that many other President's have praised in the past. This person needs to take a basic course in Incident Command Structure and then speak with some of our other president's and KNOWLEDGEABLE Public Safety Officials about the Value of Amateur Radio in the Emergency Communications Structure.

## Romney "Disses" Amateur Radio In Televised Town Meeting

Posted on Wednesday 16 November 2005 @ 15:48:10  
<http://ema.arrl.org/topics.php?op=viewtopic&topic=0> Governor Mitt Romney dismissed the role of Amateur Radio operators in emergency communications during a televised "town meeting" program last night on WCVB's "When Disaster Strikes: Segment Two." The program featured public safety and volunteer organization officials from across Massachusetts among its audience.

*Host and moderator Natalie Jacobson asked an increasingly-agitated Governor Romney questions about communications interoperability, and communication without commercial power. Romney was next asked by Jacobson, "...so does it come down to ham radio?..."*

***The Governor replied in a disgusted tone, "No, we don't need to deal with ham radio operators..."***

*Embarrassed public safety officials later tried to put in a good word for Amateur Radio. National Weather Service Warning Coordination Meteorologist Glenn Field was prepared to state the importance of Amateur Radio, when Salvation Army Colonel Fred Van Brunt was called upon. Van Brunt remarked about his organization's quest to improve its communications capabilities and how Amateur Radio has aided his organization. "The ham radio situation helps a great deal," he stated.*

"I have already written and submitted a letter to the Governor's Office," wrote Eastern MA Section Emergency Coordinator Rob Macedo, KD1CY. "I have also written an email to Natalie Jacobson."

ARRL Section Manager Mike Neilsen, W1MPN sent a section-wide email today to all Eastern MA ARRL members describing the incident along with actions he and his staff were taking to mitigate the situation.

"[Romney's] attitude about us sets an unfortunate tone within the state's executive branch," wrote Neilsen. "As a former military officer, I see this as a failure in leadership. My immediate concern is our working relationship within the [Massachusetts Emergency Management Team] environment." Neilsen intends to address the Governor's comments as "an urgent matter" at a meeting on November 17 with Don Carlton from the Massachusetts Emergency Management Agency.

"I was very disturbed about what the Governor stated on the program," wrote Ron Wood, W1PLW, the section's Public Information Coordinator. "It does show that more work is needed by all hams in the section. It's a great idea to write letters explaining the good we do." Wood is attempting to schedule a meeting with the Governor's office tomorrow so that EMA ARRL staffers might discuss the matter further.

Tom Kinahan, N1CPE wrote that Governor Romney's comment has made "a PR problem" for Kinahan in his role as MA State RACES Officer.

"I've got a roster of over 150 Amateur Radio operators that support local communities, and those of us that directly support the state government. There are at least double that in terms of people that are actually out there that I don't have formal paperwork on that support Amateur Radio emergency communications in some organized manner... The Governor has said that he 'certainly doesn't need to rely on ham radio' -- where does that leave the RACES program now?"

"I am ashamed tonight that I am a Republican!" remarked one ham radio viewer. "[Romney] speaks in derogatory tones about hams. He certainly shows an ignorance as to what we do and are capable of. I suggest a grass roots campaign of local hams calling the State House and The Governor's Office to protest."

The television program can be viewed at <http://www.thebostonchannel.com/video/14989648/index.html>

**Editor's Note: Although, Romney may no longer be in contention for President, it still would be good to keep what he said in mind for future reference, even though this broadcast was from 2005.**



# Words of Wisdom from the Kingdom of Shrek



BRRRR is it cold? Think so. Being the repeater tramp errr, Beacon, I do get around hence the Nick-names. Whilst listening to the .17.repeater I heard someone say FIELD DAY is coming! Then I heard on the .27 repeater, Field DAY is coming!

## Dear Sparky,

I'd like to build a 2 meter quaggie out of a closet rod, coat hangers and house wiring. I made one about 30 years ago and it worked very well. SWR's were about 1.5 to 1 with some monkeying around. Along with that I'd like to put a 450 antenna 11 element beam on the same mast. Someone told me that I have to space them apart at a certain distance apart. My question to you is how far apart do they have to be? And is that distance from element to nearest element or boom to boom.

## The Hobbyist

Dear Hobbyist,  
It's always good to see that that Home-brewing is alive and well in Amateur radio.

When you say you are building a Two-meter quaggie, I believe you are referring to a QUAD, but that doesn't really matter, in reference to your question. The second antenna as you stated is an 11 element 450 Mhz Beam.

When installing antenna's of different frequencies on the same mast, what is necessary is to mount all antenna's a minimum of a quarter-wave apart from each other with the largest antenna on the bottom.

So in your case, (19) nineteen inches or more, distance apart should avoid any interaction between the two antenna's, so for purposes of your question to include the quad, I would say a minimum of 19" from the elements.

*Sparky*

Think of it, Field Day, Planning committees, volunteers, camaraderie, radios, well the list goes on. Some may think that this subject is somewhat premature but YOU will be surprised at how fast this event will come upon us. Lets face it when we get talking about this, it will surely get our minds off the cold weather of the past two months. Up ahead warmer weather and more cheerful spirits. I can't wait!!!

Over the next few months all of us will be talking a lot more about this and Mr. Bill's hair will get more {If that can happen} gray. I hope by June that we will have our new generator to use and I hope to use the HF radios, without incident of course!

Maybe some of us could make some New Homebrew HF dipoles for each of our bands and use them. I know last year a homemade 40 Meter Dipole saved the day when the original dipole stopped working. If some of us do this we can save a lot of time if or when trouble shows up. I am not trying to put any one on the spot but if we can get together and make some antenna's we can also have some fun. What am I doing? Just trying to plant the FIELD DAY seeds in all of you!!

I feel more excited now and I can feel that warmer weather getting closer. In closing I hope to hear from all of YOU on the repeater and we can toss some ideas around. C U later in the GREEN!

73,

*Craig - W2XAD*

# Two-Way Radios & Scanners For Dummies

By H. Ward Silver

ISBN: 978-0-7645-9582-0 **Price \$ 21.99**

Format: Paper

Pages: 384 Pages **Pub. Date:** July 2005

Discover a fun new hobby with helpful possibilities  
Get directions, talk to folks overseas, or find out whether the fish are biting

Want to check out the morning news in London, help out in emergencies, or tune in to the big race? Two-way radios open up a world of possibilities - literally. This handy guide tells you about the equipment you need, fills you in on radio etiquette, shows you how to stay legal, and gives you lots of cool ideas for family-friendly radio activities.

## Discover how to

- \* Use the right radio lingo
- \* Choose and operate different types of radios
- \* Get a license if you need one
- \* Communicate in emergencies
- \* Program a scanner
- \* Tune in to sporting events

The book is a survey of all the radio options for the individual, such as short-wave listening, all the different unlicensed radio services (those neat handheld radios you can buy everywhere, for example, Citizens Band and Amateur Radio, marine HF and VHF communications for sailors, aviation radio, public safety, TV-FM-AM DXing, and using a scanner to listen to public safety or at sporting events (air shows, auto races), weather information and other broadcast signals.

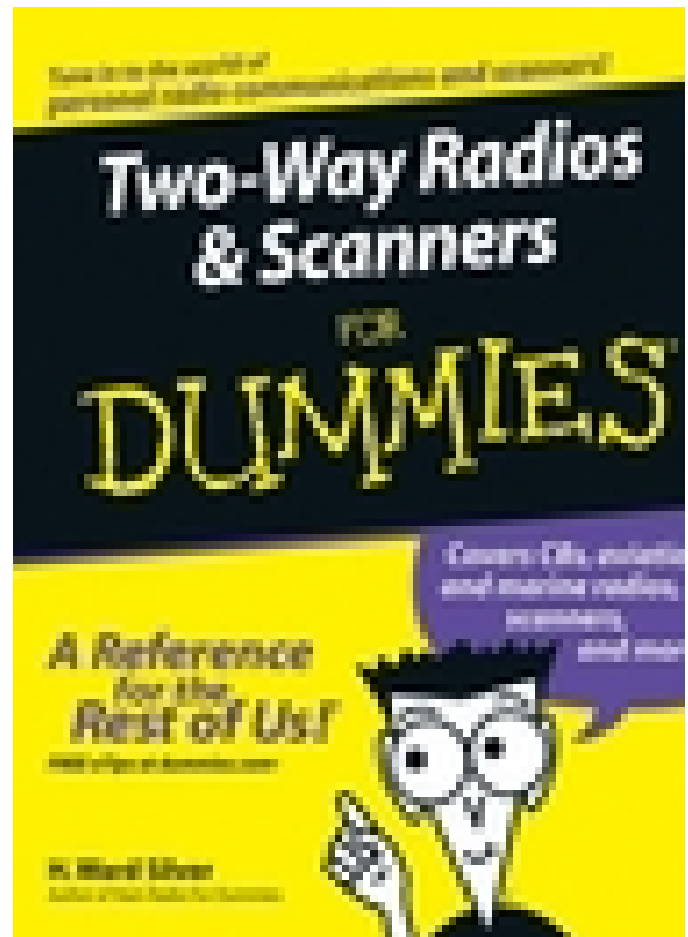
Each topic includes definitions, operating conventions, equipment availability, licensing (if required), and any special technical information.

The book also includes instruction on how to use antennas and the electronics and installation required for good results in the home, car, and portably.

## About the Author

H. Ward Silver has experienced a 20-year career as an electrical engineer developing instrumentation and medical electronics. He also spent 8 years in broadcasting, both programming and engineering. In 2000, he turned to teaching and writing as a second career, producing Ham Radios For Dummies in 2004. He supports Seattle University's Electrical and Computer Engineering Department in laboratory instruction. He is an avid Amateur Radio operator, Extra Class, first licensed in 1972.

Each month, his columns and articles can be found in the national ham radio magazine, QST, published by the American Radio Relay League (ARRL). He is the author of the ARRL's online courses in Antenna Design and Construction, Analog Electronics, and Digital Electronics. When not in front of a computer screen, you will find him working on his mandolin technique and compositions



## ATTENTION!

electronic hobbyists, computer builders, parts collectors,  
ham operators, citizen banders, shortwave listeners,  
scanner listeners, tinkerers, builders, inventors, & others...

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W1NVT 146.67

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I-89 Exit 18, Route 7 SOUTH 5 Miles

FOR MORE INFO:  
Mitch (802) 879-6589  
w1s@arrl.net  
<http://www.ranv.org>

# Rob Messier , N1YBT Retires after 24 1/2 years of Service, U.S. ARMY National Guard

After 24 1/2 years of faithful service, I retired from the Army National Guard, effective December 31, 2007.

I entered the U.S. Army on July 7, 1983 and received an honorable discharge on May 12, 1986. I went to Basic Training at Fort Dix, New Jersey and was assigned to A-6-3, Last of the Assassins. I also did my Advanced Individual Training at Fort Dix where I learned to drive a number of wheeled vehicles up to 18 wheelers.

My first duty station was in Karlsruhe, Germany with D Co. 249th Engineer Combat Battalion (Heavy) until about May 1985. While in Germany, I drove a dump truck and worked as a construction laborer. The project was classified so I can not tell you about it.

I was then transferred to Fort Stewart, Georgia where I was first assigned to HHC 24th Supply and Transportation Battalion before the battalions were reorganized into forward and main support battalions. After the reorganization I was assigned one of the newly formed units, A Co. 2nd Forward Support Battalion, still part of the 24th Infantry Division. My last few months there, I was the section sergeant of a POL section. POL stands for Petroleum, Oil and Lubricant. POL sections distribute those products in bulk.

Upon my release from the active army, I enlisted into the Army National Guard before I even left Fort Stewart. When I got back to my home state of Vermont, I was first assigned to A Company, 186 Forward Support Battalion in Windsor, Vermont, but drilled with Det 1 Maintenance in Lyndonville.

After a couple years, I started drilling with my home unit in Windsor. I spent a few years drilling in Windsor, assigned to the POL section, before I transferred to A Company, 1-172 Armor Battalion in Newport, Vermont.

In Newport, we had the M60A3 Main Battle Tank then and eventually got rid of those and switched to the M-1 Abrams Main Battle Tank. In my 12 or so years in tanks, I was in the drivers position, the loaders position and finally the gunner seat. As a gunner in the M-1, my tank team got two Tank Table 8 Superior qualifications and two Tank Table 12 Superior qualifications. Many say it is the gunner and tank commander who deserves the credit for good scores, but it takes everyone in the tank, as part of the team, to be successful.

After leaving the armor unit, because I moved to another state, I returned to my original Army National Guard unit, A Company, 186 Forward Support Battalion, which about two years ago, upon reorganization was changed to A Company, 186 Brigade Support Battalion. I was assigned to the POL Section again, at one point held the position of Acting Section Sergeant of the POL Section, during the units deployment to Kuwait, I was not deployed, but I had also



transferred from the POL section and was assigned to the Class 1 Section at one point. I finished in the Transportation Section, which was one I look back on it as being a mostly good experience. A little more than 24 1/2 years ago when I signed on the dotted line, I did not envision that I would have been in long enough to retire. I remember seeing three young men I went to high school with at the MEPS station on one of the days I was there. None of them thought I would make it. They were some of the jocks from High School. Here I am, I made it, retired, and where are they? Well, I can say, they did not accomplish what I did of the I will miss serving in the military, but it is time for me to hang up my helmet, set my M-16 aside, and let someone else fill in my shoes.

See me on MySpace at <http://www.myspace.com/robmessier>

Hate crime is the violence of intolerance and bigotry, intended to HURT and INTIMIDATE someone because of their race, ethnicity, national origin, religious, sexual orientation, or disability. The purveyors of hate use explosives, arson, weapons, vandalism, physical violence, and verbal threats of violence to instill fear in their victims, leaving them vulnerable to more attacks and feeling alienated, helpless, suspicious and fearful. Others may become frustrated and angry if they believe the local government and other groups in the community will not protect them. When perpetrators of hate are not prosecuted as criminals and their acts not publicly condemned, their crimes can weaken even those communities with the healthiest race relations.



# Good Work Guys

## ***ELMERING IS ALIVE AND WELL !!***

I just want to get on here with a few words to thank a few of our TARA members. On Tuesday, February 12 I sat here listening to the 145.17 MHz TARA repeater and I was totally delighted to listen to Craig, W2XAD, & George, W2SFD, giving some very sage advise to Paul, KC2QPT about HF operations. Paul was very much interested in getting on to the HF bands and he had some of the usual questions that we've all had before we got our privileges and these guys took him by the hand and gave him good sound answers!

I know all to often many of folks give the repeaters in general a bad rap but let me tell you folks that was NOT the case yesterday and many other days on the TARA repeaters. Craig & George jumped in and answered quite thoroughly "all" of Paul's questions with great detail, yet easy to understand explanations. At the end of their discussion Paul expressed his thanks to these gentlemen and told them straight out that they made a difference in his knowledge of HF operations and that he felt very much encouraged that he should pursue his HF ticket.

Kudos' also go out to Kenny, KB2KFV, for explaining some of the principles and usage behind NVIS antennas Paul, KC2QPT, and the gang on the repeater were talking about this new mobile mast support system and how it would be used for emergency operations in time of need and the subject of NVIS antennas surfaced. Again, the discussion that followed by Kenny and other's was excellent in my book!

The reason I bring this to you here and now is to let you know we need MORE discussions like this! Yes, we have plenty of open discussions each and every day on our repeaters but we should devote MORE time to topics that are related to our hobby. I believe we owe it to the folks we have here now and the new folks that are studying to become part of the amateur radio ranks. Let's see if we can't get more discussions going on topics like this. We have so many folks with a wealth of knowledge and I just know we can help our members and those listening to the repeaters get better informed about this hobby we all share.

Keep up the GREAT work!  
73 de NY2U "Mr.Bill"

## **PocketDigi 1.0.11 released: PDA Ham Radio**

OK1IAK, Vojtěch Bubník, has released version 1.0.11 of PocketDigi (yeah). What is PocketDigi? PocketDigi is an application that allows your Windows CE-based PDA (or SmartPhone) to act like the PC in your ham radio shack. That is, using the mic and headphone jack it can send and receive RTTY, PSK31, PSK63, CW and other modes. This new version is a little late for the ARRL RTTY Round-up contest, however, it does offer some nice new features and support for other platforms. Certainly worth a look for hams with PocketPC PDAs.

GO TO:

[http://www.n0hr.com/PocketDigi/PocketDigi\\_intro.htm](http://www.n0hr.com/PocketDigi/PocketDigi_intro.htm)

## **New "YouTube" PSK31 tutorial videos**

**Randy K7AGE** has recently put a couple of new PSK31 tutorial videos on YouTube.

### **PSK31 Transmitter Level Adjustment**

<http://www.youtube.com/watch?v=I3CwHaX7t5M>

### **PSK31 - Operating**

<http://www.youtube.com/watch?v=ZaAXMzGIUGA>

### **Randy has previously posted several other PSK31 tutorial videos**

Part 1: Introduction to PSK31 - Receiving

Part 2: Sample of 20 meter activity for PSK31 introduction

Part 3: Video Soundcard Interfacing

### **They can be seen at**

[http://www.southgatearc.org/news/september2007/psk31\\_introduction.htm](http://www.southgatearc.org/news/september2007/psk31_introduction.htm)

### **Related URL's:**

#### **Digipan PSK31 Download Page**

<http://www.digipan.net/>

#### **British Amateur Radio Teledata Group (BARTG)**

<http://www.bartg.org.uk/>

#### **BARTG Yahoo Email Group**

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

To join email: [bartg-subscribe@yahoogroups.com](mailto:bartg-subscribe@yahoogroups.com)

# Chinese New Year's Party at Steve Bozak's WB2IQU House

Clifton Park, NY - Whenever the time comes close for Steve's wife to leave town on a trip, Steve starts to announce that it's Ham Operator Party time at his house.

He says, it's not that his wife would mind having his friends around while she's home, it's just that she just doesn't understand those radio people. So what Steve does is get on the repeater and gives an invitation to everyone that he feels would enjoy his company on a Friday evening, when his wife leaves town.

Usually, Steve gets a good turnout of at least 8-10 amateurs who have an opportunity to meet in a relaxed setting and enjoy a few, beverages, hot dogs and burgers, too

Steve, always brings out a few samples of his antenna products for everyone to peruse, which always makes for an enjoyable evening.



Lee -K2 HAT checks out the Ham next to him to make sure that it's either a small BOZAK Fiberglass vertical antenna that the fellow is looking at or he's about to get attacked with a Star Wars Light Saber.



Steve Bozak sent us this picture, to show us how much how much Ice loading occurred on one of his beams during the Ice Storm last week. While we are looking at it, you can see it's going to take an extreme amount of ice loading before anything would stress the rock solid construction of these BOZAK Beam antenna's. The Heavy-Duty aluminum tubular construction, thru the boom elements and ease of assembly make this Beam a strong consideration for your next Tower Installation, whether it be 2m, 6m or 440 Mhz.



Bozak Base Verticals

Ask some of the TARA members about how much They like this great little 2meter/440 Mag Mount. Steve still has some in stock for **\$ 39.95**





# Milton Hamfest

Electronic hobbyists, computer builders, parts collectors, ham operators, citizen banders, shortwave listeners, scanner listeners, tinkerers, builders, inventors, & others...

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I-89 Exit 17, Route 7 NORTH 4 Miles

I-89 Exit 18, Route 7 SOUTH 5 Miles

TALK-IN:

WB1GQR 145.15-

**Poster on Page 5**

W1NVT 146.67

## Annual "Rippers" Auction

### Set for March 17

Once again it will be Auction time! If you haven't already been poking through all your gear looking for stuff to sell off, now is the time to dig deep and get things ready to bring to the Noecker Club House on March 17.

We're always looking for good used equipment... low band as well as VHF/UHF rigs, antennas, power supplies, amplifiers, tuners, coax, ladder line, what-have-you!

Computer stuff hasn't done well in past years, so unless you have an older, serviceable laptop that will run PSK, it would be better to leave it at home.

Again this year we hope to have the magic duo of Shelly and Wayne as our auctioneers. Don't forget to label your junk, er... equipment with at least your call sign and the lowest price you will accept.

The Auction is one of the Club's biggest fund raisers, so bring things to auction and bring lots of cash to buy!

With the addition of many new hams to our ranks, good used rigs are needed. The coffee pot will be on with some goodies to munch on while you are

# It's a Beginning Space Weather News

<http://spaceweather.com>

Solar physicists have been waiting for the appearance of a reversed-polarity sunspot to signal the start of the next solar cycle. The wait is over. A magnetically reversed, high-latitude sunspot emerged today. This marks the beginning of Solar Cycle 24 and the first step toward a new solar maximum.

Intense solar activity won't begin right away. Solar cycles usually take a few years to build from solar minimum (where we are now) to Solar Max (expected in 2011 or 2012). It's a slow journey, but we're on our way!

Visit <http://spaceweather.com> for pictures of the new sunspot and updates.

## 2008 ATVET Exam Schedule

The 2008 ATVET schedule appears below. It may also be found at: [www.n2ty.org/atvet.htm](http://www.n2ty.org/atvet.htm)

The fee for 2008 is still \$14.00.

73,  
-Jerry

Exam Date	Day	Doors Open	Exam Time	Doors Close
February 9, 2008	Sat.	9:20 AM		10:00 AM
March 8, 2008	Sat.	9:20 PM		10:00 AM
April 19, 2008	Sat.	9:20 AM		10:00 AM
May 10, 2008	Sat.	9:20 AM		10:00 AM
July 25, 2008	Wed.	6:20 PM		7:00 PM
October 11, 2008	Sat.	9:20 AM		10:00 AM
November 8, 2008	Sat.	9:20 AM		10:00 AM



**Have You  
Upgraded ?  
and/or  
Joined a  
Volunteer  
Examineer  
Team**

# ARISS Team Looking for Ground Stations

The ARISS Team is looking for Ground Stations. Do you want to be part of the International Network of ground stations that help support Amateur Radio on the International Space Station (ARISS) operations? ARISS is looking to add numerous ground stations capable of relaying ISS Amateur Radio sessions with schools and also serve as back-up communications relays should they be needed. Locations all over the world will be considered, but the greatest need for stations is in Central America, South America, Falkland Islands, Western Australia, Canada and Alaska. The following are guidelines for stations wanting to be considered: \* Third Party agreement with United States or waiver from their telecom agency \* Ability to speak and understand English \* Minimal horizon obstructions \* 24/7 access and availability of station \* Operator(s) willing to support scheduled contacts at various times \* Phone patch \* AZ/EL tracking satellite system, preferably an auto tracking system with the capability for manual override \* Multi-element Yagis for 2 meters and 70 cm (circular polarization preferred) \* Pre-amps \* Transmit output greater than 70 W \* Note: If you can specify your station's EIRP and receive sensitivity (thereby taking into account cable losses, pre-amps and antenna gain), it would be greatly appreciated. Stations that can support the following will be given special consideration, but these items are not required: \* Auto Doppler adjustment of frequencies \* Ability to speak and understand languages other than English \* 1.2 and 2.4 GHz satellite hardware \* Packet \* SSTV \* Digital ATV \* Redundant power system \* High-speed Internet If you or your club would like to be considered for selection as one of the new ARISS ground stations, send an e-mail to ARISS at, [ARISS-telebridge@amsat.org](mailto:ARISS-telebridge@amsat.org), with details about your station and contact information.

# LF & MF Nondirectional Radio Beacons

The first nondirectional radio beacon (NDB) was placed in service in 1921. It was operated by the Bureau of Lighthouses to assist marine navigation by means of manual radio direction finders. A manual radio direction finder that was light enough for airborne use was developed in 1934.

Much easier-to-use automatic direction finders (ADFs) were developed soon after that and thousands were installed in aircraft. A large number of LF and MF NDB's were installed throughout the world between 1934 and 1955. By June 30, 1955, 173 were operating in the United States. Since then a variety of much more dependable and accurate systems have been developed and most of the former NDB's have been decommissioned. The few that still remain in service are kept operating primarily to provide means of emergency navigation using simple equipment if more sophisticated modern systems fail.

## **TARA TNT TRADER NET**

**On the 145.170 / 447.075 Repeaters**

**TARA - N2TY - W2TRY Repeater Group**

**EVERY THURSDAY AT 9 PM**

**Buy - Swap - Sell**

**Amateur Related Items**



## **Rensselaer County ARES/RACES Nets Meet**

**Each Thursday Night at 7:30 PM on 145.17 Repeater**

Our Monthly meetings are held at the North Greenbush Town Offices on Main Avenue in (Wynantskill) in North Greenbush. Easy access to the meeting room, which is at the rear of the Building is on the Douglas Avenue side, where there is Handicap parking. FYI, there is a Dunkin Donuts nearby.

NIMS Study groups will also be conducted at the beginning of the meeting.

President: Bill Eddy, NY2U.....273-9248  
Vice President: Karen Smith, KS2O.....273-6594  
Secretary: Marilyn Davis, KB2JZI.....272-0112  
Treasurer: Randy Stein, KL7TJZ.....Unlisted

**TARA DIRECTORS - 2 YEAR TERMS**

Ken Davis, KB2KFV.....(06-08)..272-0112  
Mac Smith, KB2SPM.....(06-08)..273-6594  
Roy Warner N2OWC.....(07-09)..283-8485  
Steve VanSickle WB2HPR.....(07-09). 461-2354  
Ken Smith WA2TQK.....(07-08)...233-7055

**REPEATER MANAGER:**

Roy Warner, N2OWC.....283-8485

**Asst Manager**

William "Doc" Kelley, KC2JDW.....235 -5063

**REPEATER TECHNICAL ADVISORS:**

**Robert Isby, N2LUD**

**Editor's Apology to Bob I thought your name was here long before now – MY GOOF**

John Pritt, N1JP.....753-6231

**MEMBERSHIP COMMITTEE: NEW**

Membership Manager & Greeting Chairman

**Craig Wood – W2XAD.....370-5224**

**REFRESHMENT COMMITTEE:**

Karen Smith, KS2O.....273-6594

**RDF COMMITTEE:**RDF Manager -  
Richard Neimeyer - N2MOA.....489-0799

**EQUIPMENT MANAGER:**

Roy Warner, N2OWC.....283-8485

**TARA WEBMASTERS:**

Bill Eddy, NY2U.....273-9248

:

**TARA HF CONTESTING:**

Bill Eddy, NY2U.....273-9248

HF DX & Contest Manager - NY2U

**Still looking for a replacement ☺☺**

**Even the Ground Hog Didn't want It**

**TARA VHF/UHF CONTESTING:**

Contest Manager - Ray Ginter, N2ZQF

**PUBLIC SERVICE EVENTS:**

Karen Smith, KS2O..... 273-6594

Mac Smith, KB2SPM.....273-6594

**EDUCATIONAL DEPARTMENT:**

Ken Davis. KB2KFV..... 272-0112

**TARA HISTORIAN:**

Karen Smith, KS2O..... 273-6594

**N2TY-" N2TY-"TROY" NODE**

**DEPARTMENT:**

Russ Greenman – WB2LXC

**N2TY-BBS SYSOP:**

Mike Styne KC2JCJ... 518-330-7592

**ATVET (ALB/TROY) VE TEAM:**

Gerry Murray WA2IWW...482-8700

**FIELD DAY 2008 CHAIRMEN:**

Bill Eddy, NY2U..... 273-9248

Steve Kopecky, KF2WA 674-4150

Karen Smith, KS2O..... 273-6594

Ken Smith, WA2TQK.....233-7055

**VHF/UHF EQUIP. CHAIRMAN**

Hollins Meaux, N2YQW...465-7678

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**PLEASE SEND ELECTRONIC**

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# ***THE TARA NEWS***

Troy Amateur Radio Association, Inc.

**P.O. Box 1292**

**Troy, New York, 12181-1292**



Visit us on the Internet

At <http://www.n2ty.org/>

**Regular monthly Meeting**

**Tuesday, February 26, 2008**

**7:00 p.m.**

**Green Island Municipal Center**

**Intersection of**

**George St. & Hudson Ave.**

**Green Island, New York**

**Ample Parking**

**Parking Lot on Hudson Ave.**

# **Troy's Full Service Repeaters**

**145.170/R**

**447.075/R**