

THE TARA NEWS

Affiliate of the American Radio Relay League

Volume 17 © Issue 11 November 2006

The TARA RTTY Mêlée

Formerly called the **TARA RTTY Sprint**

Sponsored by **TARA**

WHEN: Dec 2, 2006 00:00 UTC through 24:00 UTC - 02 Dec. 2006

OBJECTIVE: Amateurs worldwide Contact and exchange QSO information with as many stations as possible using digital modes (**Baudot RTTY only!**). Any station may work any other station.



RVWAR's Repeater Temporarily Out of Service

The 147.210, 2 meter repeater is temporarily down. The RF finals have expired and the radio needs to be sent to Yaesu for repair. Bob, WB2DUW has the unit and has checked it and found that the repair is a bit too complicated for home repair. We will expedite the process as best we can.

Mike N2JVE, has offered the use of his repeater on 146.67 (-) PL 100.0, in the meantime. It is located in Chatham Center, NY Stay tuned for updates as they become available.

73,
Stan - WA2UET

Categories	Single Operator	Multi Operator
HIGH	More than 150w	More than 150w
LOW	Less than 150w	Less than 150w
SWL	Receive Only!	Receive Only!

RUNNING RULES:

The total transmitter output power per band for any high power entry in any category is either 1500 Watts PEP or the maximum allowable power level established by the national licensing authority of your country, whichever is lower. All power levels are measured by PEP (Peak Envelope Power)

(A) Operate no more than 16 hours. (B) The eight hours of off time must be taken in no more than two blocks. (Example: You could take two (2)four (4) hour breaks, or one (1) eight (8) hour break.)

Run *Single Transmitter/ Single Operator. Single Operator:* One person performs all operating and logging functions. As of 12/01/2002 the use of spotting nets (operating arrangements involving assistance through DX-alerting nets, etc.) is now permitted. Single operator stations are allowed only one transmitted signal at any given time.

Run *Single Transmitter/ Multi Operator. Multi Operator:* More than one person operates, checks for duplicates, keeps the log, etc. Limited to 6 band changes (maximum) in any clock hour. Multi operator stations are allowed only one transmitted signal at any given time.

Operating Mode: RTTY ONLY
For all the Rules GO TO:

http://www.n2ty.org/seasons/tara_meleo_rules.html



More than a Club



We're a Family



Public Service Events

Pumpkin Patrol - A Great Success



This Year's Pumpkin Patrol concludes the 2006 Public Service Event Schedule and it was a great success as always. Unfortunately, a few people had to cancel at the last minute due to family illness or crisis, but we were able to cover most of our locations.

I would like to take this opportunity to thank all of the volunteers who participated in this year's events and at this time recognize those who participated in this year's Pumpkin Patrol.

NET CONTROLS: N2SQO/KC2QEK - Tom & Marilyn W2BEJ - Tony

N2VLY/KC2OEA - Ray & Lisa	KC2MAT - Mitch	KC2IXL - Tom	W2XAD Craig	
KB2VQS - Mike	WA2NFD - Dick	WA2FPG - Frank	AA2CW - Ken	KC2NDK - Frank
KC2NXA - Mark	KM2O - Dave	WA2QAC - Tim	WB2VXS/KB2JTG - Dave & June	
N2TAD - TAD	KV2HNC Ed	N2TZQ - Duffy	NF2G - Dave	WA2TQK - Ken
N2JVE - Mike	KB2SPM/KS20 - Mac & Karen		KB2KFV/KB2JZI - Ken & Marilyn	
N2ZQF/KC2IBI - Ray & Sue				

Thanks Again,

KS20@N2TY.ORG

Thank you,

Karen KS20

NEW REPEATER IN COLUMBIA COUNTY

Effective October 21st, 2006 the 146.805 repeater is on the air from Austerlitz Mountain. The PL tone (RX & TX) is 103.5. The machine is operated by the Hudson Valley Contesters (HVCDX) and will soon be linked to 448.625 on Sam Point (Ellenville, NY) and a new machine to be installed this fall in the Helderbergs by the Albany Amateur Radio Association on 145.330.

There are a few glitches that we are addressing including raspy audio. We will be installing additional band pass cavities and a Gas Fet pre-amp to improve receiver sensitivity. This will also allow us to increase power out put from the current 50 watts to 90 watts.

The repeater is available for general ham use and especially for any emergency communications requirements (RACES).

The machine IS transmitting PL. HOWEVER, you will notice that if you are decoding PL, you will not hear a squelch tail since the PL only activates with a carrier on receive that is encoding PL, this is required due to the linking that is being done.

You do need PL to access the repeater. It is not carrier access, but is also not a closed machine. Blue Hill on 442.050 (94.8) will continue to be a stand alone repeater for now. 445.025 in Kinderhook will soon be linked to the Austerlitz 2-meter machine.

Please let me know what kind of coverage you are experiencing at wa2mmx@nycap.rr.com.

Thanks,
Fred - WA2MMX

Digital Mighty – Mite

By **Steve VanSickle WB2HPR**

A go-anywhere miniature DVM

A recent trip to the local electronic parts emporium gave me a chance to check out a miniature DVM (digital volt meter). The meter, Model DVM810, was supplied with a set of leads, and features 19 ranges, including diode test and transistor test. The 3-1/2 digit LCD has very good contrast, and is ½ in. inch height. In addition to the usual voltage and current ranges, the '810 is capable of DC current measurement up to 10 Amperes.

The accompanying instruction manual states a rated accuracy of .5% (DC Voltage range – up to 500 volts). While I did not check all it's ranges, a few tests with some precision resistors, power supply, and a reference meter demonstrated that indeed, the '810 is quite accurate, and met specifications.

In addition, I was able to try out the hFE (transistor test) function, using some random NPN and PNP devices. Also, the '810 was able to easily measure the junction voltage when testing germanium and silicon diode. Again, no problem with any of these functions. (You do have to be sure that when testing transistors in the built-in test socket, you need to make sure that the leads are perfectly even and you must push down on the device to ensure that all three leads make contact!)



Power for the meter is supplied by 2 small button cells (Type GP23GA) located inside the unit, along with a protective GMA fuse. Removing 2 screws on the rear case allows access to the batteries and fuse. The test leads are adequate and plug into the front of the meter with standard banana plugs. (Yes, you can interchange leads from your trusty old Simpson or other test equipment)

Packed with the meter is a user's instruction manual, which clearly spells out operation and proper setup of the unit. This digital mighty-mite, the DVM810, is versatile and compact (3-3/4 x 1-3/4 x 1 in) and could be easily tucked into your "Go" kit, glove box, or carried as a spare in your toolbox. Priced at under \$10, this amazing little meter may be found at Trojan Electronics, here in Troy.

For a chance to win one of these meter's
Simply purchase a 50/50 ticket at the
TARA club meeting!

Our Thanks to Herb and Steve Paige
of Trojan Electronics



American Red Cross Clarifies Background Check Policy



NEWINGTON, CT, Nov 10, 2006
The American Red Cross (ARC) has attempted to clarify its policy to require background checks of its employees and volunteers, at least

as far as the policy applies to possible credit checks. After the ARC announced the policy in July through regional and local chapters, Amateur Radio Emergency Service (ARES) members who support Red Cross disaster relief and recovery efforts began expressing concerns to ARRL. In some past incidents -- most notably the 2001 World Trade Center terror attacks and the 2005 Hurricane Katrina response -- ARES volunteers have had to badge in as Red Cross volunteers. In a [statement](#) to the ARRL November 9, Laura Howe, the ARC's director of response communication and marketing, stressed that, while background check applicants must give permission to conduct a credit check, the ARC has no intention of conducting them across the board.

"The Red Cross realizes some volunteers may have concerns about authorizing a credit check. Those concerns are understandable," Howe said. "But please rest assured that credit checks are only run in rare instances and are not a part of the routine minimum basic check the Red Cross performs on employees or volunteers."

Howe told the League that the 2005 hurricane season exposed her organization's weakness in the area of background checks, "as evidenced by publicized examples of fraud and waste." The "standard minimum check," she said, verifies the applicant's Social Security number and a search of the National Criminal File for the past seven years.

"While the Red Cross will never run a credit check on the vast majority of its employees and volunteers," she asserted, "it is important that this standard language is included in the consent form to protect our clients, volunteers and employees." Volunteers with questions about whether a chapter might need to delve further into an applicant's background should check with the unit administrator, she said.

The ARC has contracted with MyBackgroundCheck.com LLC (MBC) in Anderson, California, to handle the on-line background checks. Prospective volunteers visit a [secure Web site](#), click on the ARC logo and submit name, address, Social Security number (or other acceptable government ID), telephone number, and date of birth. MBC notifies the applicant's local Red Cross chapter whether or not the individual passed the background check, but it does not share any personal data.

In a [statement](#) October 24, ARRL President Joel Harrison, W5ZN, urged ARES and other ham radio volunteers to tread cautiously and read very carefully what they are giving MBC permission to collect on behalf of the Red Cross, especially given the wide net being cast. Howe acknowledged that by signing the consent form, applicants do give MBC permission to "conduct a credit check or other investigation into an individual's background." ARES members are not obliged to submit to a background check, however; the choice to do so is a personal one.

Several ARES leaders maintain that they and their volunteers represent ARES when supporting the ARC as a served agency. "Our issue is not the background checking, but the fact ARC considers ARES members ARC volunteers," one ARRL Section Emergency Coordinator told ARRL Headquarters. An ARES District Emergency Coordinator suggested the ARC policy is too arbitrary. "The unfortunate thing is that if a member decides not to submit to this check, then that will hamper our ability to serve the Red Cross in an emergency," he said.

ARRL Field and Educational Services Manager Dave Patton, NN1N -- whose department supports and oversees the ARRL Field Organization -- believes the Red Cross stands to lose a fair number of volunteers because of the requirement -- and not necessarily just ARES volunteers. One national Red Cross official who asked not to be identified said the organization fears it's seeing "the beginning of a hemorrhage of hams" from supporting ARC operations.

The Statement of Understanding (SoU) between the ARC and the ARRL does not address the issue of background checks. It also is ambiguous on the subject of whether ARES volunteers automatically become ARC volunteers when supporting Red Cross operations and subject to a background check. [The bottom line: The requirement extends to whomever the Red Cross says it does.](#)

While some Red Cross chapters will allow ARES member participation without requiring that they register as Red Cross volunteers, others will not. One West Coast Red Cross chapter official said the ARC considers ARES members as "non-registered volunteers" and, as such, they were not required to submit to background checks. In other locales, the same volunteers staff ARES and Red Cross organizations. The ARRL-ARC SoU is up for review in 2007.

The ARC's new policy "is a positive action," Howe told ARRL, and aimed at raising public confidence and trust in the organization's volunteers and workers. "The Red Cross certainly values its employees and volunteers, and our background check process is not intended to be a burden to those who play a vital role in our relief efforts," she said. "We believe that in order to maintain the trust of the American people and provide them with the best quality service, all Red Cross employees and volunteers must undergo background checks according to standards being implemented across the entire organization."

<http://www.arrl.org/news/stories/2006/11/10/102/?nc=1>

“One national Red Cross official who asked not to be identified said the organization fears it's seeing "the beginning of a hemorrhage of hams" from supporting American Red Cross Operations.”

Tech Tip

Guy Insulator Flashover

Insulators generally should be used to break up tower guy cables into short, non-resonant lengths to minimize adverse effects of the cables on nearby antennas.

Appreciable RF voltages can develop across guy insulators used in that way with high power transmitters. The insulators should have a wet flashover voltage rating approximately three times estimated peak RF voltage to have a reasonable safety margin during rain storms, because flashovers will fill the radio spectrum with splatter and have the potential to damage transmitters where there is considerable RF coupling between an antenna and one or more guy cables. Unfortunately, because the electric power industry is the largest customer for guy insulators, insulator flashover voltages usually are specified at 50 or 60 Hz. RF flashover voltages are lower and depend on both the frequency and insulator design.

CHU may go SILENT

On April 1 2007, CHU may cease operation, change its frequencies, or re-license. Contact radio.chu@nrc.gc.ca. That's the message CHU is running on its time signal. I would hate to see another short-wave icon go dark without trying to save it. The call CHU came on in 1938 but the time signals in one band or another go back to 1922 as 3AF. CHU to a short-wave listener is like an old friend. It was always good to see how the band was doing just go to 7.335 and check CHU's signal.

When tuning up that receiver or checking out one you wanted to buy you could always go to 3330 KHz, 7335 KHz and 14670 KHz and check out CHU. When I was 10 years old, I would sit at my desk late at night with my old S-38 Hallicrafter's and listen to CHU for that zero Hours time check which they gave out as EST. I think that was the first french words that I ever learned and still remember them to this very day.

I know there are more serious things to use the time signals for now besides frequency, propagation and even time. Well, CHU wants to hear from users. In April 2007 the license on 7.335 needs to change, Re-license as a broadcaster on 7.335, stop using that frequency, change frequency or take CHU off the air or stop operation. So send some emails and letters to CHU. Lets keep them on the air.

TARA Rumble Review 2006

Now that all of all the scores have been posted and finalized for the last running of the TARA PSK Rumble I'd like to thank each of you that participated this year. This was another tough battle but in the end the following stations top their class:

NORMAL CLASS:

1. RA6AV QSOS=431 SCORE=74994
2. UA3QDX QSOS=392 SCORE=59584
3. SV8CS QSOS=369 SCORE=56457

GREAT CLASS:

1. RU3QR QSOS=464 SCORE=90480
2. OK1VSL QSOS=344 SCORE=50568
3. KF4HOU QSOS=140 SCORE=14700

SUPER CLASS:

1. OH6HOW QSOS=214 SCORE=18832
2. RV3QX QSOS=144 SCORE=12384
3. WB2JFS QSOS=75 SCORE=3750

This was a runaway! Great job to ALL!!

TEAM COMPETITION:

"EPC TSUNAMI TEAM"

SV8CS UR7QM RU3QR

RA6AV RA3BB

TOTAL QSOS=2065 TEAM SCORE=543295 (w/BONUS PONTS!)

SWL CLASS:

1. DE3GKB QSOS=254
2. OK1-35872 QSOS= 159
3. ZL2001SWL QSOS=34

On behalf of TARA I'd like to CONGRATULATE all of the above for their outstanding scores in each class. It was particularly good to see the new teams that joined us for this year's TEAM CHALLENGE. I hope each of you had a lot of fun and that you'll come back and join us again for next year's Rumble on 6th October 2007.

You can find ALL of the scores that were posted for this contest at: (http://www.n2ty.org/seasons/tara_rumble_results.html)

Keep in mind that all of the TARA PSK Rumble scores goes toward the TARA Tour'ney points standing. You can review this list at: (http://www.n2ty.org/seasons/tara_tourney_results.html)

In closing I'd like to thank Scott, W7PSK for his contributions as Rumble Manager this year. Also, I need to acknowledge the hard work that Ernie Mills, WM2U, performs each contest. A lot of the time we don't get to see the actual work that he does but let me assure you he is the driving force behind our contest team. Each contest he reviews all the logs for errors and then posts all of the points to the Internet. When all that is complete he then prints and mails all of the certificates to the winners. That's not all! He also maintains the web pages for the TARA Contesting, along with answering tons of e-mails for each contest. Whew!! I'm exhausted just telling you folks what he does. You know, it might be nice if all of us could drop him a little note just to say "Thank You!" He really spends a lot of his personal time and never asks for anything in return except that we all have fun. Let's do him a little favor and drop him a e-mail today. Send them to: emills@nycap.rr.com

That's all I have for you. Hope to see you in the **TARA RTTY Melec** on **December 2, 2006**. Thank You

Bill Eddy, WJ2U

Solar Power Applications for Home and Amateur Radio

As many of you have heard on the TARA repeater, John – KC2PGL and Mac KB2SPM are always tinkering with their sets of Solar panels which they recently acquired from www.harborfreight.com . The basic kit which they started with is a 45 watt, three panel array. (15w per panel). The kit comes with two lights, the charger/regulator/ distribution panel and the necessary leads to connect the entire array together to hook it up to your battery.

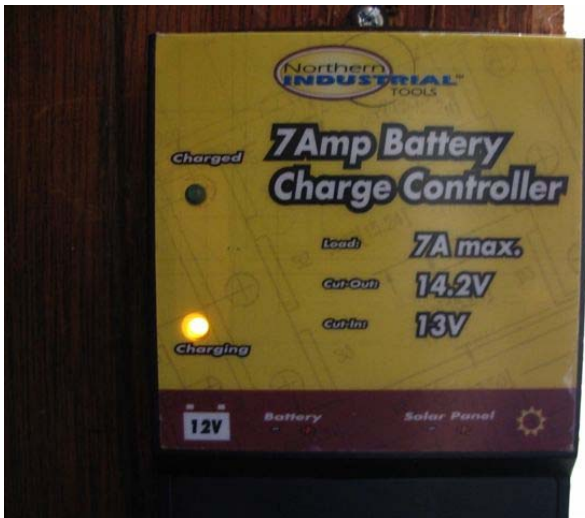


From there the choice is up to the experimenter to expand your application as you wish. But keep in mind, that you must not overload your application by drawing too much power in a twenty-four hour period or you will deplete the batteries that you are charging.

The regulator circuit will tell you the charging status of the battery vs. the solar energy you are receiving. These are only one ampere panels but are quite adequate for a basic application.

The starter kit when it is on sale is \$ 199.95 which is a good price. Based on checking the WEB, the going price for solar panels is approximately \$200 to - \$225 for a Fifty (50) watt panel.

Quite often Harbor Freight offers a 15% discount coupon on one Item, which brings the price down to the \$ 199.95. If you decide that you want to purchase an additional set of solar panels you will have to purchase a regulator that will handle the capacity. Otherwise you will burn it out. Larger Regulators are available from an abundance of suppliers, depending on how many additional panels you want to add. Shown on the left is a picture of a 7 ampere Battery Charge controller available from Northern Industrial Supply. On the right is the smaller Controller which is supplied with the Harbor Freight, unit which will only handle three solar panels but the nice thing is it has multiple voltage outputs.



Northern Industrial Controller allows you to control up to 6 solar panels but the nice thing about the Harbor Freight controller on the right is that it has DC outputs for multiple lighting & accessories.





The Harbor Freight Kit comes with two of these 12 volt lights and additional hook-up leads

John KC2PGL, has 2 of the Harbor Freight Kits so he has four of these lights installed in his drop ceilings. He went to Home Depot and found the ceiling trim rings and PAR CAN kits for a regular AC light installation and adapted it for his 12 volt lighting. John installed them in his kitchen, bathroom and radio rooms.



A Dress up ring from Home Depot and the 12 volt light on the left makes a perfect installation

Mac – KB2SPM, has a 6 solar panel setup and uses his 12 volt lights at various locations throughout his house.

The next idea that John and Mac have been working on is to reduce the current draw on their batteries looking into 12 volt LED and fluorescent lighting. The thing that you have to remember though is that if you are going to make a long wire run the length of your house, it would be suggested that you increase your wire size to at least # 10 or # 8 wire depending on the length of the run and then parallel hook-up off of that.

Remember, the whole idea behind this project is not to light your house all of the time with this lighting. It is to give you the capability of having some lighting when the power goes out. Also, remember that if you are going to put a light in numerous rooms you are also going to have to have a way to shut off each if those lights off. You don't want all of those lights on all of the time or your batteries will be dead in no time. Just remember basic wiring 12 volt wiring techniques. You only have to have the switch on one side of the light to break the connection. You can get fancy and install the switch in a wall box or keep it simple and install the switch along side the light in the ceiling.



Left to Right

- 1) Switch panel with voltage meter and fuse box + 12 v lighter plug receptacle.
- 2) Ceiling light installed
- 3) 7Amp Controller
- 4) 12 volt light
- 5) 45 watt solar panel array
- 6) 12 Deep Cycle Battery
- 7) 4 Amp Harbor Freight Controller with Multiple Outputs

If you have two different sizes or types of batteries you will just have to charge them individually and use a switch or clamps and charge them at different times. When charging batteries in banks, they must always be of the same identical type and voltage to keep a balanced system otherwise you will run into problems. We will explain this in greater detail later in this series of articles.

ALWAYS REMEMBER TO KEEP YOUR BATTERIES IN A WELL VENTILATED AREA !!



This is a heavy duty 30 amp Marine - type Battery switch that allows you to switch from one battery to another or put both on line at the same time.

Information for these articles were gathered from Mac Smith KB2SPM & John Melisky KC2PGL and are being chronicled by Editor - Ken Davis KB2KFV. None of us claim to be Experts in the field. We are just a group of Amateur Radio operators doing what the hobby is meant to be, Experimenting and having fun. Then trying to apply it to an emergency communications application.

**John Melisky – KC2PGL located this great article on
different types of batteries and their applications
for Emergency Solar Power Project
(Source unknown)**

Lead-Acid Batteries

listed in order of suitability to remote power use, in our humble opinion

- **Industrial forklift batteries.** These are truly top-of-the-line for a remote home, if you can afford them. Highly recommended for their longevity and resistance to abuse. Available in single 2-volt cells or trays of 3 cells (6 volts). 15-25+ year life expectancy. **Advantages:** longest life, most resistant to deep-discharge abuse, durable metal case, inter-connect wires built-in, available in many capacities. Best value for the dollar when factored over service life. **Disadvantages:** Very high initial cost, extremely heavy.
- **Deep-cycle solar batteries (L-16s).** The most common choice for remote power systems. Originally designed for industrial floor sweepers, but very well-suited to remote power use. 6-volt batteries. 5-6 year life expectancy. **Advantages:** good service life, fairly resistant to occasional abuse, reasonable cost. **Disadvantages:** not as resistant to abuse as industrial cells.
- **Golf cart batteries.** Often used in small systems or as "training batteries" for flatlanders who move to the mountains. But don't expect more than 2 or 3 years from them if your system gets frequent or heavy use. 6-volt batteries. 2-3 year life expectancy. **Advantages:** very low cost, available at many discount stores, lightweight. **Disadvantages:** short service life, vulnerable to deep-discharge abuse.
- **Solar gel cells.** Expensive, but good for certain specialized applications such as on boats, RVs, and computer backup power supplies. 6-volt batteries. 2-3 year life expectancy. **Advantages:** maintenance-free, no hydrogen emissions, low self-discharge rate, shock-resistant, spill-proof, cold and heat resistant. **Disadvantages:** expensive, requires special charger and regulator, vulnerable to abuse, life expectancy very short for the price.
- **Telephone cells.** Manufactured with lead-calcium instead of the lead-antimony compound of normal batteries. Not really designed for remote power use, but often available at surplus/salvage for very low cost. Can give extremely long service if pampered and not abused. Keep careful track of your battery bank's state of charge with an amp-hour meter and only shallow-cycle the batteries or they will expire quickly. 2-volt cells. **Advantages:** extremely low cost (sometimes even free), very low maintenance, can take very heavy use if not deep cycled. **Disadvantages:** cannot be deep-cycled without damage, very heavy, usually only available used, so condition is unknown, lower voltage than lead-antimony cells for charging, equalization, and metering, battery bank must have more capacity to avoid deep-cycling.
- **RV/marine batteries.** Very low cost with a very short life, but better than a car battery. 12-volt battery. 6 month to 1 year life expectancy. **Advantages:** very low cost, lightweight, available at any hardware store. **Disadvantages:** short life, will not tolerate abuse.
- **Car batteries.** Better than reading by kerosene or candle light, but will last a few months at best.

Next Month

We will get more into batteries, hooking them up in different configurations depending on the size and type of cells you have. Also, we will get into the application of Solar and setting up your amateur radio solar station. You can keep it as simple as hooking up a few handheld radio's to your battery or you can get much more complex as we will show you next month.

73,

Ken – KB2KFB

(All Photo Credits- John Melisky -KC2PGL)

APRS Remote Control

Acentient Software has just released v.1.02 of Adaptive Home Logic, a new multi-purpose home automation application for Windows XP, which introduces the unique concept of being able to remotely control your home automation system or electronics from an APRS equipped amateur radio, via the APRS amateur packet radio network, independently of anyone else's communication infrastructure.

This makes it particular useful for monitoring / controlling systems or equipment where the other forms of communication are simple not available, possible or prohibitively expensive, such as an automation system at a remote / rural location, in a mobile home, yacht or RV, etc. The program can also be used to transmit telemetry to an APRS station on a regular schedule or automatically when an event is triggered.

This new program, which can interface with many home automation peripherals, generic serial devices and parallel input / output boards, integrates many advanced features to offer wide ranging flexibility within an easy to use and understand application.

Featuring Scheduling / Conditional Events, 2-way Speech, Remote Control & Reporting (Internet / Amateur Radio), Digital I/O, Serial Data (RS-232 / RS-485), X10, File Data, E-Mail Alerts, Sunrise / Sunset, Screen Overlay Scenes, Data Logging + More!

The program can also be used to form the basis of a simple or sophisticated home automation system, as well as for other automation applications.

For more details, please visit www.acentient-software.com
Adaptive Home Logic is currently available at an introductory price of just \$34.95



Happy Thanksgiving!

Rensselaer County ARES/RACES to have it's

First Fall Meeting, November 22, 2006 at 7:00 PM

Greetings Everyone, While our Chief Radio Officer Jim Noble – K2ZP Is recuperating at home, Tom Stewart – KC2FCR is filling in as Acting Chief Radio Officer. Tom had a productive meeting this past week with our Rensselaer County Emergency Coordinator Kelly Paslow to discuss future plans for R.A.C.E.S.

The First meeting for RACES/ARES will be at the Rensselaer County Public Safety Building located at 4000 Main Street, South Troy, N.Y. on November 22, 2006 at 7:00 PM. The topic of discussion will be future plans for RC RACES and to acquaint some of our new members with each other. There will be no December meeting due to its proximity to Christmas & New Years.



TARA OFFICERS: 1 YEAR TERMS

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

TARA DIRECTORS - 2 YEAR TERMS

Ken Davis, KB2KFV.....(06-08)..272-0112
Mac Smith, KB2SPM.....(06-08)..273-6594
Roy Warner N2OWC.....(05-07)..283-8485
Ken Smith WA2TQK.....(06-07)..
Steve VanSickle WB2HPR.....(06-07)..

REPEATER MANAGER:

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

Asst. Manager

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

REPEATER TECHNICAL ADVISORS:

Robert Isby, N2LUD.....
John Pritt, N1JP.....753-6231

MEMBERSHIP COMMITTEE:

Membership Manager - Dwight Ogle, N2SDL

REFRESHMENT COMMITTEE:

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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, November 21, 2006

7:30 p.m.

Green Island Municipal Center

Intersection of

George St. & Hudson Ave.

Green Island, New York

Ample Parking

Parking Lot on Hudson Ave.

RDF COMMITTEE:RDF Manager -

Richard Neimeyer - N2MOA.....489-0799

EQUIPMENT MANAGER:

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

TARA WEBMASTER:

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

TARA HF CONTESTING:

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

HF DX & Contest Manager - NY2U

(Just Temp for now!) He's Got Hopes !!!

Yup, just like he thought he was only

going to be President for One Term !!

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

N2TY-"TROY" NODE

DEPARTMENT:

Russ Greenman - WB2LXC

N2TY-BBS SYSOP:

Tim Roske, AA2WQ ...489-4346

ATVET(ALB/TROY)VE TEAM:

Gerry Murray, WA2IWW 482-8700

FIELD DAY 2005 CHAIRMEN:

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

Randy Stein, KL7TJZ.....

Steve Kopecky, KF2WA 674-4150

Nick Demos, NW2D ... 383-3983

VHF/UHF EQUIP. CHAIRMAN

Hollins Meaux, N2YQW. 465-7678

NEWSLETTER DEPT:

Editor-in-Chief: Perry White

Editor: Ken "Chief" Davis, ...KB2KFV

Co-Editor: Marilyn Davis KB2JZI

Co-Editor: Karen Smith KS2O

Design/Layout: Ken Davis, KB2KFV

Columnists:

Joe Pasquini N2NOU

Steve VanSickle WB2HPR

PLEASE SEND ELECTRONIC

CORRESPONDENCE TO E-MAIL

KB2KFV@aol.com or

KB2JZI@aol.com or

[www: http://www.n2ty.org](http://www.n2ty.org)

Troy's Full Service Repeaters

145.170/R

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