



# © **THE TARA NEWS**

*Affiliate of the American Radio Relay League*

*Volume 14*

*Issue 8*

*August 2003*

## ***The President's Report***

I hope all of you are enjoying your summer months so far. We had a bad start to our spring & summer but finally the heat & humidity has arrived. I want to get caught up on a few things here in message to all of our members.

First, I want to CONGRATULATE our officers and directors that were elected to office at our elections back in June. This year we have 2 "NEW" Directors, Roy Warner, N2OWC, who certainly doesn't need much of an introduction. Roy has been very active in ALL of TARA's activities, Plus, he has been our Repeater Manager for a good number of year's now.

Next, we have probably one of the youngest Board of Directors in all of the Capital District clubs. It is with great pleasure that I announce David Fritts, KC2IBF, will serve a one year term on our Board of Directors. David got his opportunity to serve greatly in part to Hollins, N2YQW, who was looking to step down and he decided that David was his choice as a replacement. The TARA membership must have felt that way too, he got himself elected!

Coming back for another term of office is Randy Stein. he is a guy that just keeps volunteering for everything and anything we need. I can't think of one time that I ever asked him for his support or a favor and he didn't come through. We're always looking for leaders within our organization and I personally don't think they come any better than Randy!

**I wish you all, my sincere CONGRATULATIONS. I look forward to working with you and hope you'll bring some good ideas to our table starting in September. If I can be of any help, please don't hesitate to ask me.**

As for the outgoing Board of Directors - Jack, N2LBZ and Hollins, N2YQW, you'll be MISSED for sure! Jack Culliton, N2LBZ, has been a dedicated and faithful member since this club first got going. His contribution to our club are numerous and speak for themselves. Unfortunately, Jack's employment has taken him out of the loop so to speak. In several conversations with Jack he has expressed that he was sorry that he couldn't assist us or attend our meetings over the last couple of year's. Jack is a "First Class Act" and his presence will be missed.

The same goes for Hollins, N2YQW. Every time we needed some fresh thoughts or progressive thinking, Hollins would always speak up and give us that all important input. Over the year's Hollins has become quite the leader within TARA and that leadership will be missed on the Board of Directors.

**Again, I thank you for your years of service and dedication to our club!**

Let's not forget the following that were re-elected to serve this club:

William Eddy, NY2U - President  
Karen Smith, KB2UUC - V. President  
Nick Demos, NW2D - Treasurer  
Marilyn Davis, KB2JZI - Secretary

**See Page 2 – Field Day Report**

***Mr. Bill - NY2U***



*More than a Club*



*We're a Family*



# ***Field Day 2003 Report by Bill Eddy - NY2U***

Unbelievable! This year we had so many changes that were tossed into the pot, but the whole group worked each and every problem out. I guess if you really think of it, that's what Field Day is all about, right?

As many of you know our FD location got switched just 4 days before the big date. It was a pretty big shock but again we pulled through it just fine. This brought on a lot of changes that needed to be addressed and nobody more so than Karen Smith, KB2UUC, knows that. She helped me with getting all of our media contacts informed of the changes, she took on the responsibility of getting the change of plans to the T-shirt folks and the list goes on, and on, and on! T-shirts, damn if that wasn't another major problem we needed to address this year. But, the end result was that each of you got a way better T-shirt than you were supposed to get. "Awards by Walsh" of Green Island was really apologetic and we think they made good for their error.

Oh yes, we had our new Field Day location in Frear Park. Our luck had changed! This site was just perfect and we heard a lot of praise for the new location. Bob Barnes, Frear Park Director was extremely accommodating and they delivered to us everything we requested. I believe this site will be the choice of many for next year. I certainly hope so!

For all of you that showed up on Friday afternoon and well into the evening--you did one hell of a job. We had just about everything completed by 10:00 PM Friday and this made for a much more relaxed atmosphere on Saturday. Oh yeah...our new tower worked superbly and it made things so much easier to setup. Except for those "easy to install" guy stakes. I was still hearing a few mumbling under their breath on Sunday about how hard they went in. Guess what, they were just as hard coming out!

Once again we had a super computer logging setup. We can give all that credit to Kim Fan, N2ZLA & Steve Kopecky, KF2WA for this setup. With the exception of one bad network cable the system worked flawlessly.

Tear down was another highlight. This marks our 4th year now that the teardown team has proven themselves to be the best around. Even with some key leaders missing they were able to get us torn down and packed up in record time. With no bloodshed either....ha ha.

Ah...then there was ALL that fine food! And people too....like nearly 70! Again, we ran into a few clinches with all the food prep but thanks to a great bunch of on the spot volunteers that stepped forward they pulled things off with out a hitch. We just need a bigger kitchen to accomdate Joe, KC2KVV! On this year's menu we had Ham steaks, Fried Chicken, Barbecued Chicken, Baked Ziti, Corn on the Cob, Shrimp Cocktail and even FRESH Strawberry Shortcake for dessert! Now you tell me if that was cool or what! Randy, KA2TJZ prepared all the food for the 3rd Steinfest on Sunday morning. However, attendance was down for the early morning breakfast, but the fun & food was still great.

We had a tribute for one of our Silent Key's - Jim Hannel, W2JHO. Everyone was presented a pin to wear at the Saturday evening meal, which had Jim's picture on it. It was our honor to have Jim's wife and daughters, plus Jim's sister and her family attended the Field Day meal too. This was the true meaning of our TARA Family!

## **This year we awarded the following for their contributions to TARA:**

**MacDonald Smith, KB2SPM**

**"KE2XF Field Day Award"**

**Kenneth Davis, KB2KFV**

**"NY2U Public Service Award"**

**Nick Demos, NW2D**

**"Thomas M. Remmert "Bubba" Award"**

**Awards Continued on Page 3**

## TARA AWARDS 2003 - Continued

**William Kelley, KC2JDW - "Tara Award of Excellence"**  
**Gary Laviolette, KC2HWE - "Tara Award of Excellence"**  
**Kevin Cleary, KB2WIG - "Tara Award of Excellence"**

One last thing I'd like to thank Kenny, KB2KFB, for his assistance in trying to get some tower parts manufactured. Both he and Karen, KB2UUC, tried several angles but they just couldn't get us a freebie! But...Kurt, N2LGE, came to the rescue with 2 major items. Kurt and his buddies at his place of employment were kind enough to make the tower parts that we needed. This saved the club **\$\$Big Bucks\$\$**. Trust me. Kurt was also kind enough to drive way out to Monroe to get us the kitchen stove we needed! After a week of coming up short Kurt finally delivered the stove to Karen's house on Thursday afternoon, just in time. This was way beyond the call of duty and I only hope Kurt knows that we all appreciate him doing that for us. I still know that Kurt used the stove just for an excuse to go see his grandchild....ha ha! Big thanks to Rudy, N2JZK, for his offer of several stoves, just so long as we come haul them away. We had many others that supported and donated to our Field Day exercise and without your contributions we couldn't possibly give the great of an event. We thank each of you. Last but not least we thank Ray, N2VLY, and Ken, WA2TQK for getting us a few items that we need each year.

**Altogether, it was another spectacular Field Day!**

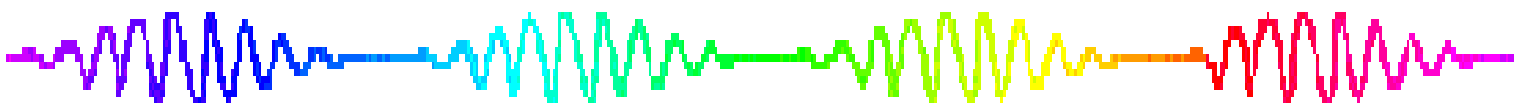
## *Two-ham crew named for ISS Expedition 8 crew*

Another two-ham crew will take over the reins of the International Space Station (ISS) this fall. Veteran NASA astronaut Mike Foale, KB5UAC, and seasoned Russian cosmonaut Alexander Kaleri, U8MIR, have been named as the ISS Expedition 8 crew. Former crew members aboard the Russian Mir space station, Foale and Kaleri will kick off their latest space station duty tours October 18. They'll head into space aboard a Russian Soyuz spacecraft with a third ham, Spain's Pedro Duque, KC5RGG--representing the European Space Agency (ESA). They'll dock two days later at the ISS.

The English-born Foale, 46, will serve as the Expedition 8 commander and NASA ISS science officer. Kaleri will be the Soyuz commander and ISS flight engineer. They'll replace Expedition 7 crew members Commander Yuri Malenchenko, RK3DUP, and Ed Lu, KC5WKJ, who have been aboard the ISS since April. Duque will ride into space with Foale and Kaleri on the outbound mission and return to Earth with the Expedition 7 crew, Malenchenko and Lu, aboard the Soyuz now docked at the ISS.

A native of Latvia, Kaleri, 47, was a member of the backup crew for Expedition 5 and had been scheduled to be the third Expedition 7 crew member. With the NASA shuttle fleet still grounded at least until early next year in the wake of the Columbia tragedy, however, the Expedition 7 crew was trimmed to two people, and Kaleri was cut.

Two-person crews will be the rule at least until the Space shuttle--with its significantly larger cargo and crew capacity--returns to flight. The Soyuz, which carries three passengers, will remain the prime crew transport system. Foale and Kaleri are scheduled to spend approximately six months aboard the ISS.



# ***MICHIGAN RADIO AMATEURS ASSIST IN CRIMINAL INVESTIGATION AND MANHUNT.***

On July 6, a Michigan radio amateur by the name of Scott Woodring (KC8JNG) shot and killed a Michigan State Police Officer during a routine arrest on a warrant for solicitation of a minor, resulting in a tense standoff with law enforcement. Mr. Woodring was a member of the Christian Identity movement, an organization that promotes racist and anti-semitic views along with an anti-government agenda.

On Monday, July 7, after a standoff that had continued from the previous day, Mr. Woodring escaped during a law enforcement shift change, resulting in a nearly week-long manhunt for the suspect throughout Western Michigan.

Shortly after the escape of Mr. Woodring, James Wades (WB8SIW), the Michigan Section Emergency Coordinator State RACES Officer requested that the Newaygo County Emergency Coordinator establish an intercept operation in the area of Fremont to identify any possible transmissions from the suspect.

This request was based on the fact that Mr. Woodring had utilized Amateur Radio frequencies and equipment to communicate with fellow members of the Christian Identity movement. Mr. Woodring was also known to have recruited a number of like-minded individuals into the Amateur Radio Service and may have purchased two-meter FM transceivers for use by fellow members of his organization.

Operators were asked to monitor seldom used frequencies both within and adjacent to the VHF Amateur Radio allocations. An additional announcement was broadcast to Emergency Coordinators and selected RACES personnel through out Michigan requesting information on any transmission heard from Mr. Woodring.

On Friday, July 11 at 5:18 PM, Mr. Bill Hubbard (WD8MKG) of Holton, Michigan reported an intercept of communications between Mr. Woodring and another radio amateur located in Fremont, Michigan. This was promptly reported to the SEC shortly thereafter. This information was transmitted verbally to Michigan State Police Operations Desk at 5:39 PM. A follow-up facsimile was transmitted to MSP Operations from the West Branch MSP Post at approximately 6:20 PM.

On Friday, July 11 at 5:18 PM, Mr. Bill Hubbard (WD8MKG) of Holton, Michigan reported an intercept of communications between Mr. Woodring and another radio amateur located in Fremont, Michigan. This was promptly reported to the SEC shortly thereafter. This information was transmitted verbally to Michigan State Police Operations Desk at 5:39 PM. A follow-up facsimile was transmitted to MSP Operations from the West Branch MSP Post at approximately 6:20 PM.

MSP Investigators subsequently requested assistance from the Department of Defense and Federal Communications Commission in order to establish radio direction finding capabilities. When help was not forthcoming, a call was placed to the SEC requesting these capabilities through the Amateur Radio Service.

A radio direction finding team was dispatched from Kent County RACES, arriving at the MSP command post shortly thereafter. This team was placed under the supervision of the District 6 Emergency Coordinator, Mr. Tom Vandermel (KB8VEE). Subsequent assistance was obtained from RACES members in Ottawa and Muskegon Counties. In addition to those resources in the immediate area, a team from Kalamazoo County RACES was placed on standby along with a Civil Air Patrol team from the Mt. Clemens area. These later teams were not utilized due to the distances involved and the fact that adequate staff was available in nearby Counties.

The radio direction finding activities continued until approximately 5 AM on Sunday, July 13 when Mr. Woodring was located based on a tip from a local resident. He was subsequently shot to death when he leveled an assault rifle at officers and refused to comply with directives.

RACES members provided 494 staff-hours to the operation, most of which were contributed during the 36-hour period when radio direction finding activities were being conducted. Michigan State Police officials expressed genuine appreciation for the efforts of the Amateur Radio teams. Considerable positive feedback has been received from a variety of senior officers who now have an "expanded" view of Amateur Radio capabilities.

James Wades General Manager, Michigan Net, QMN, Inc.  
Michigan State RACES Officer / Section Emergency Coordinator P.O. Box 457  
Allegan, Michigan 49010  
Telephone: 616-673-8845





# ***The PSK Rumble***

## ***October 2, 2003***

### ***"The Fall Classic"***



# ***RTTY Logbook of the World***

## ***(LOTW) Beta Test Tutorial***

The PSK Rumble (The Fall Classic). Sponsored by Troy ARA, 0000z through 2400z, Saturday, October 4th, PSK only. 80,40,20,15,10,6 meters. Work stations once per band. Exchange name, state/province/DX send DXCC prefix. Operate 1 of 5 categories. Normal, 100w max. Great, 20w max. Super, 5w max. Novice or SWL. Final score is QSO's \* (W + VE + JA + VK call areas + 1 point per DX incl. your own). Mults. count once per band. To be valid, scores must be received via our online score submission form found at:

[http://www.n2ty.org/seasons/tara\\_rumble\\_score.html](http://www.n2ty.org/seasons/tara_rumble_score.html)  
or e-mail Check-Logs to [rumble-manager@n2ty.org](mailto:rumble-manager@n2ty.org), by the last entry date November 1, 2003. Logs must be available for review if requested. Please read web rules for details on

[http://www.n2ty.org/seasons/tara\\_rumble\\_rules.html](http://www.n2ty.org/seasons/tara_rumble_rules.html) Info e-mail to Ed Eades, KC2HNC at [rumble-manager@n2ty.org](mailto:rumble-manager@n2ty.org)

## ***International Lighthouse/ship Weekend***

With three weeks to go to the International Lighthouse/ship Weekend, 0001UTC Saturday 16 August until 2359 UTC Sunday 17 August 2003, we have just over 250 stations in 34 countries confirming their participation in the event.

The list of these stations can be found at <http://lighthouses.net.au/illw/2003.htm> and if you have notified us of your participation would you please check that the details are correct.

Full rules and details of the weekend can be found at <http://lighthouses.net.au/illw/index.html>

So if you have still have to decide whether to join us or not, say yes and join us in the fun of the weekend. If you are unable to establish a station at a lighthouse or lightship, still join us in the fun and work as many lighthouses/ships as you can.

**73 Mike GM4SUC**

For those that have not yet participated in the ARRL's Logbook of the World (LOTW) beta test, I've written a step-by-step tutorial on how to download the software, install the software, create the certificate request, load the certificate, create a signed log, submit your log and accessing the LOTW website. It's not brain surgery, but it's involved enough that seeing the steps displayed could be of some help.

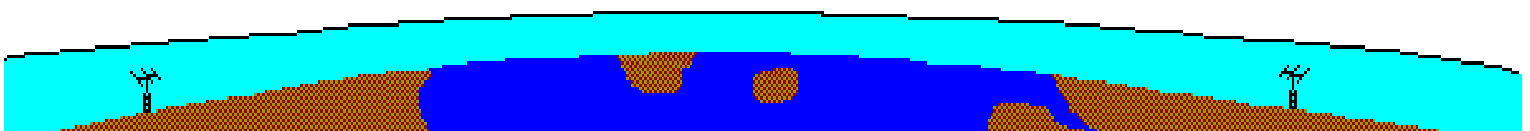
The URL for the tutorial may be found at:  
[http://www.aa5au.com/lotw\\_beta.htm](http://www.aa5au.com/lotw_beta.htm)

Getting familiar with the processes now should help once the system goes "live". And I don't know when that will happen.

For users of DXbase 2003 and 2004, I've also included a page on how to create the necessary file for submission to the beta test using that program. You don't have to have DXbase to generate the necessary log file, any program that can output an ADIF or Cabrillo log file should work. The idea for this tutorial came from discussion on the DXbase reflector. Thanks to Bill, W9OL, who got me started with LOTW.

I'm not an expert on LOTW, but the steps shown were good enough to allow me to upload a log file which included well over 50,000 QSO's. If you run into problems, I'll try to help, but I'm still new to the process. Questions may be better answered by the ARRL. Comments are welcome. Please reply directly and not via the reflectors. Thanks.

73 &GL, Don AA5AU  
<http://www.aa5au.com>  
<http://www.rttycontesting.com>  
RTTY Logbook of the World (LOTW)  
Beta Test Tutorial



# HUDSON DIVISION AWARDS ANNOUNCED

Just before July 4th the ARRL Hudson Division Awards Committee met to select the annual division award winners for 2003.

Each year, the Committee selects the Technical Achievement and Ham of the Year winner as well as the Grand Ole Ham. The Committee found all nominees qualified in their respective categories. The discussions could be characterized as quite animated before the Committee reached its conclusions.

2003's Technical Achievement Award winner is Len Signoretti Jr, N2LEN, of Brooklyn, New York. The specific achievement Len was recognized for was the unique Echolink repeater/internet linking system he has implemented, one of the first in the New York City area. That system was used to link repeaters across the world to form a special "9/11 commemorative net" on September 11th, 2002. Over 1000 stations, worldwide, connected to commemorate the victims and heroes of 9/11 including ARRL President Jim Haynie, W5JBP. Continued work bringing Echolink to Amateur Radio made Len the Committee's choice for the Technical Achievement Award.

The 2003 Grand Ole Ham is Jim Joyce, K2ZO, of Washington Township, New Jersey. A 30 year member of the Bergen Amateur Radio Club, Jim has devoted most of his free time to the club and to making Amateur Radio operators more knowledgeable in the hobby. He has spent two decades as an Elmer, founding the club's "kit night" in which hams could learn the basics of building electronic equipment, how to solder, or how to troubleshoot and repair their own equipment. Jim has been club Hamfest chairman for a decade, a leader of the club's yearly Field Day efforts and always finds time to help others on a one-to-one basis. Decades of service to others made Jim a unanimous choice for Grand Ole Ham.

The 2003 Hudson Division Amateur of the Year is Bruce Lordi, N2XP, of Flanders, New Jersey. A well rounded Amateur, Bruce has been described as "Mr. Fixit". From HTs to Mobile equipment to repeaters, Bruce is always ready to help hams with their technical problems.

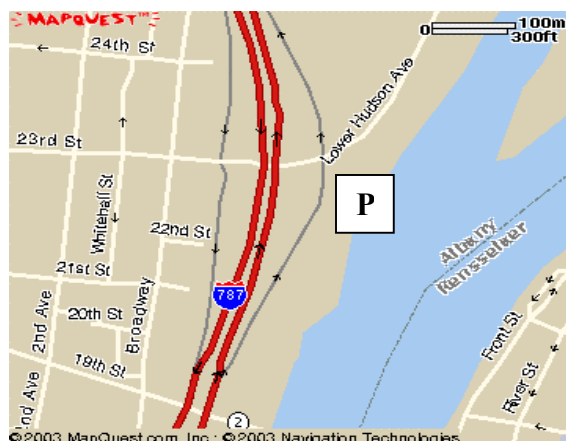
Bruce gives countless hours to helping hams & teaching others about technology. He helps local amateurs on the technology behind packet, PSK31, APRS, HF, VHF and UHF techniques.

Bruce's interest is not just in the technical side of radio. He is very involved in his club's Field Day activities and works with his OEM, keeping Flanders EOC radio equipment up to state and federal standards. The Committee felt, because of the wide range of his volunteer activities, Bruce was a unanimous choice for Amateur of the Year.

The Hudson Division Awards Committee consists of two Assistant Directors from each ARRL Section. The Chairman is the Hudson Division Vice Director, Steve Mendelsohn, W2ML. This year's Committee consisted of NLI members Mel Granik, KS2G and Larry Lutzak, WA2CNV, ENY members Bob Chamberlain, N2KBC and Dennis McAlpine, K2SX and NNJ members Joyce Birmingham, KA2ANF and Mario Karcich, K2ZD.

There are many Amateurs worthy of recognition at the Division level. Next year the submission process will be streamlined to make it easier for such recognition to be given. The Chairman would like to thank all of those who submitted nominations.

**-73- Steve Mendelsohn, W2ML,  
Chairman, 2003 ARRL Awards Committee**



**T.A.R.A. Meeting**  
**August 19, 2003**  
**6:00 p.m.**  
**Summer Picnic**  
**Hudson Shores Park**



## ***7 MHz Realignment Compromise Makes Radio History***

**ARRL Bulletin 45  
Newington CT**

**From ARRL Headquarters  
July 11, 2003**

In an 11th-hour compromise, delegates to World Radio Communication Conference 2003 (WRC-03) agreed to move broadcasters out of 7100 to 7200 kHz in Regions 1 and 3 to make room for the Amateur Service.

The expanded worldwide allocation at 40 meters goes into effect on March 29, 2009. Amateurs in the US and the rest of Region 2 will continue to enjoy the 7000 to 7300 kHz band they now have, but with greatly reduced broadcasting interference.

The compromise marked the first time in the history of internationally coordinated radio spectrum allocation that an HF broadcasting band was shifted to accommodate the needs of another service. The compromise cuts in half the incompatibility between amateur and broadcasting use of the 7 MHz band and doubles the 40-meter spectrum available to amateurs in Regions 1 and 3.

While the result falls short of the IARU's goal of a 300-kHz worldwide exclusive band for amateurs, the cooperation of broadcasters, opposing delegates and many others was required to make a positive step for ham radio. Spectrum between 4 and 10 MHz is on the agenda for WRC-07, but further changes to 7000-7200 kHz will not be considered.

The conference also dropped the international Morse code requirement, leaving individual countries to decide if they want to retain a code proficiency requirement, and adopted a number of improvements to the other international regulations for the amateur service. The delegates also agreed to allow a secondary allocation for satellite borne synthetic aperture radars at 70 cm and made amateur call sign assignment more flexible.

## ***British Class B Amateurs Gain HF Privileges This Week***

The RSGB is pleased to announce that, with effect from Saturday the 26th of July, there is no longer a requirement to have passed a Morse code test in order to operate on the HF bands in the UK. All Full and Intermediate Class B licensees are therefore automatically granted their respective Class A operating privileges and may operate on the HF bands using their existing call signs from the 26th of July. Class B licensees need not take any action to obtain these additional operating privileges.

This long-awaited move comes about following the decision taken at the recent World Radio-communication Conference in Geneva, which agreed that a Morse code test should no longer be an international requirement in order to hold an HF amateur license. The World Radio-communications Agency is to be thanked for moving quickly in introducing this change in the UK. The official 'Gazette Notice' to bring in the change in the UK is scheduled to be published on the 25th of July.

## ***What to Do About Morse?***

The Code Requirement Remains on the Books in US, Canada (Jul 22, 2003) -- World Radio-communication Conference 2003 (WRC-03) made optional the requirement to prove the ability to send and receive Morse signals to operate below 30 MHz. While a Morse code exam element remains on the books in the US, Canada and elsewhere, some countries already have moved to drop their Morse requirements. In the US, however, Morse will not go away that easily, since the FCC appears unlikely to act on its own motion to make that happen. See:

<http://www.arrl.org/news/stories/2003/07/22/1/?nc=1>

The ARRL Directors will begin to develop a position on the issue at a Strategic Planning meeting to be held in Saint Louis, MO in September.

## ***"Don't Forget"***

## ***The TARA PSK Grid Square Contest***

## ***"The Grid Dip"***

## ***August 2, 2003 0000 z thru 2400 z***

**TARA OFFICERS: 1 YEAR TERMS**

President: Bill Eddy, NY2U.....273-9248  
 Vice President: Karen Smith, KB2UUC...273-6594  
 Secretary: Marilyn Davis, KB2JZI.....272-0112  
 Treasurer: Nick Demos, NW2D.....383-3983

**TARA DIRECTORS - 2 YEAR TERMS**

Ken Davis, KB2KFV.....(02-04).....272-0112  
 Mac Smith, KB2SPM.....(02-04).....273-6594  
 David Fritts KC2IBF.....(03-05).....765-5147  
 Roy Warner N2OWC.....(03-05).....283-8485  
 Randy Stein, KA2TJZ.....(03-05).....498-7838

**REPEATER MANAGER:**

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

**REPEATER TECHNICAL ADVISORS:**

John Pritt, N1JP.....753-6231  
 Dave Edwards, W2GBO.....235-6801  
 Robert Isby, N2LUD.....283-3230

**MEMBERSHIP COMMITTEE:****REFRESHMENT COMMITTEE:**

Karen Smith, KB2UUC.....273-6594

**RDF COMMITTEE:**

Craig Wood, N2UID.....370-5224

**EQUIPMENT MANAGERS:**

Roy Warner, N2OWC.....283-8485  
 Craig Wood, N2UID.....370-5224

**TARA WEBMASTERS:**

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

**TARA HF CONTESTING:**

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

**TARA VHF/UHF CONTESTING:****PUBLIC SERVICE EVENTS:**

Karen Smith, KB2UUC.....273-6594  
 Mac Smith, KB2SPM.....273-6594  
 Robert Jones, WB2SWA.....273-3072

**EDUCATIONAL DEPARTMENT:**

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

**TARA HISTORIAN:**

Karen Smith, KB2UUC.....273-6594

**N2TY-BBS NODE DEPARTMENT:**

Ray Szlasa, N2VLY....233-9308  
 John LaBarr, KB2UKV.....284-2096

**N2TY-BBS SYSOP:**

Tim Roske, AA2WQ.....489-4346

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

Gerry Murray, WA2IWW.....482-8700

**FIELD DAY 2003 CHAIRMEN:**

Bill Eddy, NY2U.....273-9248  
 Randy Stein, KA2TJZ...498-7838  
 Steve Kopecky, KF2WA.....674-4150  
 Nick Demos, NW2D.....383-3983

**VHF/UHF EQUIP. CHAIRMAN**

Hollins Meaux, N2YQW.....465-7678

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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/>

***Next Meeting***

***Tuesday, August 19, 2003***

***6:00 p.m.***

**Hudson Shores Park**

**Intersection of**

**23<sup>rd</sup> St & I 787**

**Watervliet, New York**

***Ample Parking***

***Bring your appetite and a Dish***

## **Troy's Full Service Repeaters**

**145.170/R**

**444.225/R**