



# THE TARABLE FACTS

## TROY AMATEUR RADIO ASSOCIATION VOL I. - NO. 7 APRIL 1992

### APRIL MEETING NOTICE:

The regular monthly meeting of the Troy Amateur Radio Association will be held on Tuesday, April 21st at 7:30 PM in Room 3051 of the C.I.I. building on the R.P.I. campus, just off of 15th Street, in Troy, New York. Talk-in will be available on the WA2SPJ 147.27 MHz and NY2U 449.225 MHz repeaters. As always, be aware of any last minute changes in our meeting room location.

### FOUNDATION FOR AMATEUR RADIO SCHOLARSHIPS:

The Foundation for Amateur Radio offers 45 substantial college scholarships for licensed radio amateurs for the 1992-93 academic year. Amateurs planning to pursue a full time course of studies beyond high school and who are enrolled in, or have been accepted for enrollment, at an accredited college, university, or technical school are eligible to apply. Clubs are encouraged to announce these scholarship opportunities at their meetings, on their nets, during training classes, and in their club newsletters. For more information, write to FAR Scholarships, 6903 Rhode Island Avenue, College Park, MD 20740, no later than May 31st, 1992. (Excerpted from ARRL Special Bulletin #10, Bid ARLX010, from ARRL Headquarters in Newington, CT, dated March 11, 1992.)

### NoBARC ADDS "NEWCOMERS ROUNDTABLE" NET:

The Northern Berkshire Amateur Radio Council announces their new, informal Newcomers Roundtable net. The Roundtable is intended to create an opportunity for new hams to meet other hams and to obtain answers to questions about the hobby. Veterans as well as newcomers are welcome to join. Sessions are on Tuesdays at 7:00 PM local time on the 146.91 Mt. Greylock repeater. NCS for these sessions is Don Horton, N1ISB, NoBARC's new PIO. Don himself has been licensed for less than a year. The first sessions have been fun and educational.

### WEEKLY TARA PHONE NETS:

Digital Net - Wednesdays at 8:00 PM on 147.27 MHz - NCS: Jack - N2LBZ  
Dead or Alive Net - Wednesdays at 9:00 PM on 147.27 MHz - NCS: Barbara - N2LCD  
Trader Net - Thursdays at 8:00 PM on 147.27 MHz - NCS: Mark - N2LIJ  
TNT Net - Thursdays at 9:00 PM on 28.495 MHz - (-QRM) - NCS: Bill - NY2U

### MARCH MEETING IN (NOT SO) BRIEF:

The regular monthly meeting was held at RPI March 17th. Secretary's and Treasurer's reports were approved as read. On Field Day, KE2XF stressed the need for enough people to participate to make a club entry worthwhile in terms of insurance and club expense. The club has secured Frear Park in Troy, which prohibits possession of alcoholic beverages. WB2HKR and WA3RKB will investigate liability insurance for the club. RKB has procured this for several other non-profit groups in the past through a local agent. He will also secure information from ARRL on their program. Badges for club members were discussed by WA2IWW. Jerry had been provided with a list of about a dozen vendors by RKB. Letters were sent to all and IWW was awaiting price quotes and samples. RKB reported on a half dozen local vendors who had provided quotes on club T-shirts. The final design (yellow with black artwork) was approved by the membership. Members will have until the April meeting to place orders, with pricing dependent upon the total quantity ordered (see order form elsewhere in this newsletter). Several motions and a lengthy discussion on a reduced dues "junior membership" ended with passage of a measure which sets dues for members age 17 and under at \$10.00 per annum. Regular membership dues were also discussed. Member dues become due and payable at each anniversary of membership. This eliminates the need to "pro-rate". A proposal by RKB to offer subscription rates for TARABLE Facts was soundly rejected. The Editor will continue to exchange newsletters with clubs and send complimentary copies where/when appropriate. The club agreed to handle the sale of ARRL Publications at the Saratoga Hamfest in September. Arrangements to procure the publications from ARRL will be handled by WA3RKB. NY2U will continue to liaison with Millie Feeny, KV2A, of Saratoga County RACES Association. It is expected that the commercial vendor (Lentini Communications) will be allowed to sell out their supply first before we can set up shop. This may require further discussion and/or negotiation with SCRA and the vendor.

### LAST CHANCE FOR TARA T-SHIRTS:

An order form for T-shirts has been included with this newsletter. Even though you may have ordered a shirt at the last meeting, we'd like to verify our count. Additional forms will be available at the meeting.

FOR SALE:

Ten Tec Argonaut (QRP) and 50 watt amp with power supplies and other extras -- \$425.00 or best offer. Apartment vertical 40-10 meter antenna -- \$25.00. AEA IsoLoop 20-17-15-12-10 meter antenna -- \$175.00. Interested? Contact Bud Hovey, WF2B, at 283-1456 days or 283-2337 evenings.

HAM/UFO CONSPIRACY??

I saw something REALLY hilarious recently in a "new age" bookstore in my neighborhood here in Seattle. It was a book called "THE ENERGY GRID 1990 - Harmonic 695 - The Pulse of the Universe" by Bruce Cathie. In it, Mr. Cathie describes how he figured out a pattern to UFO sightings when he plotted them on a map. He theorized that the UFOs were kept aloft by some sort of anti-gravitational force at the intersection of some energy lines that became obvious when viewing his map.

The really funny thing was that he went to the locations where these map lines converged, and found some other-worldly structures. He believes that these strange structures beam energy to the UFOs, keeping them aloft. After reading his descriptions, I realized that he was observing an HF cubical quad antenna used by hams!

He eventually discovered that hams lived at each of these locations where he found the antennas, but believes that ham operators are involved in some giant UFO conspiracy! He also does not believe that amateur radio operators are capable of constructing such advanced antennas without the help of ALIEN BEINGS!

His further research uncovered HF Yagi antennas and all sorts of wonderful things. His encounters with hams were interesting, too! He seemed to regard them as strange and possibly from other planets!

I wonder what this guy would think if he ever travelled to the annual Dayton Hamvention! Come to think of it, isn't DAYTON near WRIGHT PATTERSON AIR FORCE BASE, where the tabloids claim that SPACE ALIEN BODIES captured in NEW MEXICO in 1949 are stored?!!??

I doubt if he realized that the HF cubical quad antenna was developed years ago at HCJB (a secular shortwave broadcast station in Quito, Ecuador - Ed.) in the Andes. Didn't I see a supermarket tabloid a few years back claiming that the Andes are host to a SECRET UFO BASE?

I knew there was something strange about my hobby! 73, Tad - KT7H @ N2DUO.WA

(The preceding item appeared last month on the WB3JOE PBBS, operated by the Mid-Atlantic Amateur Radio Club, outside of Philadelphia, PA. My thanks to Bill Freiler, N3EYM, of Hatfield, PA who saw it and thought to forward it to me on packet via N3ACL, K3RLI, WA2PVV, and WA2UMX. Keep looking up! - Ed.)

MARCH NET REPORTS:

Check-ins:	Digital	Dead or Alive
04-Mar	N/R	15
11-Mar	N/R	18
18-Mar	N/R	14
25-Mar	N/R	16

Check-ins:	Trader Net	TNT Net
05-Mar	17	7
12-Mar	27	6
19-Mar	36	7
26-Mar	22	11

The TARA sponsored Dead or Alive (DOA) Net is alive and well on 147.27 MHz each Wednesday evening at 9:00 PM (local time). Net Control Station Barbara Agneta, N2LCD, began the net on March 4, 1992 to provide an opportunity for fun and lively discussion on two meters. She felt that there was a clear need for hams to "lighten up" their QSOs at least once each week. Apparently, Barb has gotten a lot of support and agreement judging by the number of weekly check-ins! Topics are selected by N2LCD each week. This past month, topics ranged from "Is Elvis (Presley not Costello!) Dead or Alive?" to "Is Romance Dead or Alive?". Future topics will prove to be interesting, educational, thought provoking, controversial, and, best of all, FUN!

No records had been kept for the first sessions of the Digital Net, thus accounting for the N/R or "not recorded" designations listed above. We have been assured that check-in totals will be kept in the future and be made available for listing here each month in TARable Facts.

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This newsletter is published monthly by the Troy Amateur Radio Association (TARA). It is made available to TARA members, prospective members, and amateur radio and community leaders. The deadline for all items submitted for publication is ten (10) days prior to the regular monthly meeting, which is held the third Tuesday of each month. The views and opinions expressed herein are those of the author(s) and not necessarily the views and opinions of TARA, its Board of Directors, or membership. Items appearing in this newsletter may be reproduced without prior written permission providing that credit is given to the Troy Amateur Radio Association TARable Facts and the author of the item being reproduced, if applicable, except where otherwise noted. This newsletter is copyright (c) 1992 by the Troy Amateur Radio Association. All rights are reserved.

To join, contact: TARA - P. O. Box 1603 - Green Island, New York 12183-0603. To submit items for publication, write: Editor - TARable Facts - P. O. Box 8592 - Academy Station - Albany, New York 12208-0592 or call 518/439-4519 weekdays after 8:30 PM.

1992 ALBANY/TROY JOINT EXAMINATION SESSIONS:

All exams are held in Room 3051 of the CII Building on the RPI Campus in Troy. Doors open for registration 40 minutes before examinations begin. The doors WILL BE CLOSED at the listed time and no one else will be admitted. THIS CONTINUES TO BE STRICTLY ENFORCED. Talk-in will be available on 145.19 and 147.27 repeaters.

Day	Date	Doors Open	Exams Begin
Saturday	May 9th	8:20 AM	9:00 AM
Wednesday	June 17th	6:20 PM	7:00 PM
Wednesday	July 15th	6:20 PM	7:00 PM
Wednesday	August 19th	6:20 PM	7:00 PM
Saturday	October 10th	8:20 AM	9:00 AM
Saturday	November 14th	8:20 AM	9:00 AM

An audio amplification and distribution system will soon be implemented for the CW examinations. Applicants will each wear a headset to hear the taped program. Each position will sport individual tone and volume controls which can be adjusted to personal taste. This should eliminate the acoustic echoes that some applicants have encountered in previous test sessions.

For additional information or to pre-register for any session, contact Bud Hovey, WF2B, at 518/283-2337 or Bill Eddy, NY2U, at 518/273-9248.

Postponement due to inclement weather will be announced on major Capital District repeaters where/when possible and on WGY-AM at 810 kHz.

RED CROSS DISASTER DRILL SUCCESSFUL:

Members of AARA, TARA, and Rensselaer County ARES/RACES came together on Saturday, March 28th to provide communications for the Albany Chapter of the American Red Cross during their first simulated disaster drill in seven (7) years. The scenario included simulated flooding, fire, tornado, and health problems. All communications were provided through amateur radio as there were no phone lines or commercial power available. Emergency generators supplied power where appropriate. Damage Assessment Teams relayed information to Red Cross Headquarters on damage sustained. Hq. directed personnel to shelters and service centers for evaluation. These units reported back to Hq. where all reports were analysed. Over all, the Simulated Disaster Exercise went very well.

The following hams participated: KB2LNG, KB2LSQ, N2LOD, WB2VXS, WB2LXC, KB2JTG, KB2JZJ, KB2HWL, KA2AXN, N2LUD, KB2CDX, N2OGP, N2NOU, WB2BEJ, WB2ZCM, W2CJO, WB2SBO, WA2QAD, WB1BTJ, WD2K, KE2WO, KA2VBI, KB2LTU, WA3RKB, WA2YBM, and KB2HPW. There were also about fifteen (15) other hams on standby.

The exercise lasted about five (5) hours. The hams were exceptionally praised for their expertise in their role as communicators at a critique held later that afternoon which included Red Cross and NYSEMO personnel. - de Jack Donnelly, WA2YBM

TECHNICAL STUFF ADDED:

We're pleased to welcome John Lawson, W3ZC, of Hatfield, Pennsylvania to our vast (?) stable of technical writers. John's work is purely Pulitzer stuff. His writings have appeared in CQ, 73 Amateur Radio, and various other technical periodicals. A Jersey boy, he previously held the callsigns W2MEX, and W3IUC. He is trustee of the club call W3AI for the RF Hill Amateur Radio Club, Inc. (the Editor's former club in PA) and is serving on their Board of Directors again(!) this year as Treasurer (Treasurer Emeritus?!). He has been a major influence on my amateur career and is a fellow Scotch connoisseur. The first of his series of articles appears on the reverse side. We thank him for allowing us to be the first to print his latest stuff! Three more of his articles are in the can for future newsletters.

MARCH EXAM SESSION RESULTS:

The Saturday, March 14th VE Exam at RPI was the largest ever for the combined AARA/TARA VE Team. 45 candidates were examined and 32 earned an upgrade or first license:

<u>Class Change</u>	<u>Callsign/Name</u>
Advanced to Extra	WA2IWW
General to Advanced	N2LOA
Technician/HF to Advanced	N1JIF
Technician/HF to General	KB2JZJ
	KB2KDY
	N2M1W
	KB2NFM
	N2NTR
	N2PEL
Technician to Technician/HF	Alan R. Shepard, Sr.
Novice to Technician/HF	KB2LTV
	KB2MVP
	James M. Papendrea
Nothing to Technician/HF	James Carroll
	Gerald Jackson
Nothing to Technician	Kevin Arlington
	Mark Backhaus
	Kenneth Cameron
	Sigmund Derkowski
	Robert Hamel
	Joseph Johnson
	Erik Jones
	Mitchell Karp
	Stephen Lopienski
	Paul Mancuso
	Gregory Pascale, Sr.
	Clifford Raeihle
	John Reeder
	James Stryker
	Theodore Vincent
	Charles Wells, Jr.
	Janet Wells

NOTE: We had 22 people who took CW exams!

## The Computer Virus

Don't get the idea that a computer virus is similar to those biological entities that you see under a microscope. Neither can they be spread if the infected computer coughs or burps. They can propagate and they can infect, but not in the medical sense. Notwithstanding the many forms of computer viruses, they all share a common trait. All viruses are malicious pranks that exist as computer programs. These infectious computer programs do not create themselves. They must be written by someone. The virus creator usually is not a terrorist or a spy. The general feeling among virus experts is that the creator is showing his/her computer muscles, is throwing down the gauntlet to the "establishment", or is undergoing the rite of passage from adolescence to adulthood. A virus cannot jump into a computer. The programmer must place the virus into a host program, usually on a floppy disk or on a BBS. The virus becomes active when the host program is run. To gain widespread notoriety, the infected host program must be popular in the world of disk or program exchange. Each time an infected disk is used on a computer, that computer becomes infected and can, in turn, affect other disks which can infect other computers, etc.

Viruses typically fall into two categories: **boot sector** viruses and **file viruses**. **Boot sector** viruses work by infecting the boot sector of floppies and hard drives. (Even if your floppy was not formatted with system files, it still has a boot sector). If there is an infected floppy in drive A: when you turn on your PC, the virus loads into memory, then onto the hard drive. From that point on, every time you turn on your computer, the virus loads into memory ready to infect any floppy you access, thus propagating itself. **File viruses** attach themselves to executable files. When you execute the file, the virus loads into memory and does its work. Some viruses are only irritating while others are destructive. The **Yankee Doodle** virus does nothing else but play Yankee Doodle when you turn on your computer. On the other hand the **Jerusalem-B** virus waits for your computer battery operated clock to indicate Friday the 13th, and when the computer is turned on Jerusalem-B starts deleting program files without your permission. The well publicized **Michelangelo** virus was supposed to wreck havoc when your computer clock went to March 6, Michelangelo's birthday. Sometimes the presence of a virus can be recognized by examining the directory and noting a change in the size of the infected file. To circumvent this detection, stealth viruses such as the **Whale** add 9,000 to 10,000 bytes of destructive instructions into the infected file. At the same time, the stealth virus subtracts a like amount of bytes from the file size in the directory. This gives the impression that nothing has changed. The program is run and the virus claims another victim.

Today there are 1283 known viruses and strains. By the time you read this, the number will be higher. Some of the virus names are baffling, but some are colorful such as: **Black Monday**, **Wolfman**, **Lost Child**, **Tequila**, **Milky**, **Possessed**, and 75 strains of **Jerusalem-1**. Viruses are sometimes mistakenly linked with two other insidious covert programs called **trojan horse** and **worm**. These are really quite different from the virus. A **trojan horse** program has enough outward appeal to entice the unsuspecting victim to run it. However, its designed purpose is to damage computer files or perhaps plant a virus or worm in the computer system. A **worm** does not infect other programs. It duplicates itself on disk or in memory, creating many copies of itself which all run simultaneously to slow your computer down. You think you have a hardware problem and its really a software problem.

The wide-spread notoriety of the various viruses can be traceable to the increased popularity of the PC, the international newsletter called "Virus Bulletin", and the commercial anti-virus program industry. Anti-virus programs abound, ranging in cost from \$30 to \$200. In 1991 a 10,000 fold increase in anti-virus program sales was recorded. Unfortunately, this is a one-upmanship situation. The anti-virus people detect and kill a recognized virus, and the virus programmers figure a way around the detection. This in turn causes the anti-virus group to prepare another vaccine, and the virus programmers create another virus program that circumvents the vaccine, And so forth. This means that the computer user should continually upgrade his/her anti-virus schemes. An anti-virus program that is 6 months old is outdated. Recognized experts in the computer programming field, such as Peter Norton, offer an anti-virus program for sale with free updates when new viruses are discovered. Another protection scheme is the ubiquitous backup. This is good if you're sure that your system is virus-free. In order to ensure that your system is virus-free, you need an anti-virus program. Of course the ultimate scenario for a virus hacker would be to infect a popular anti-virus program and revel in the wailing and lamentations.

There is no known virus that can damage hardware. Also, viruses can damage but cannot infect data files.

Even primitive viruses can circumvent the 'read only' attribute. There are, however, things that can be done to cut the risk of infection.

1. Don't boot your system with a floppy unless you're absolutely sure that it is clean.
2. Avoid exchanging files with floppies. Exchange over a network if possible. Beware of dealers that re-wrap returned software.
3. Avoid using files and floppies from communal PC's.
4. Stay away from BBS's that post pirated software.
5. Back up your files.

The above is cheap, but it can only go so far. The next step is to procure anti-virus software. If your computer starts acting funny and you think you have an infection, don't panic. There is a recommended procedure to use. You should have an anti-virus program.

- A. If you can, save what you are working on. Turn off your computer.
- B. Boot your system from a write-protected, clean, uninfected floppy.
- C. Make sure your anti-virus program floppy is write-protected. Use it to scan all logical drives.
- D. Repair or delete any infection found during the scan.
- E. Scan your hard disk again, and scan every floppy in sight including your backups.

If you can't lick the problem, get help. The following organizations offer assistance on virus problems:

The National Computer Security Association - Free  
(717-258-1816)  
CompuServe, anti-virus forum (type GO VIRUSFORUM)  
Excalibur BBS (408-244-0813)  
McAfee Associates BBS (408-988-4004)

If you would like an up-to-date reference on all known viruses, their aliases, and their common symptoms, for \$30 you can get a program called VSUM from Patricia Hoffman, at 408-988-3773. For \$30 you really must be in trouble.

If all else fails, there is always the local clergy.  
73 es gud DX..de W3ZC

AROUND THE CAPITAL DISTRICT:

Members of the Southern Vermont Amateur Radio Club have installed a "Simplex" phone patch system on 147.465 MHz. This seems like an excellent use of simplex frequencies as it allows for more efficient use of our amateur spectrum and keeps this type of traffic off of crowded repeaters and frequencies. This is not a club supported project, but many members are contributing to its maintenance. The SOVARC Newsletter reprinted N2KFR's article which appeared in the March issue of TARable Facts. (Fred's article has received wide acclaim and several other area newsletters have also expressed their interest in reprinting it!)

NoBARC President Chuck Lowery, N2IZ, announced that Don Horton, N1ISB, has been appointed as their new PIO. Adrian Sebborn, N1JWO, is now a member of their Board of Directors. Adrian is instrumental in NoBARC VE and educational programs. Ed Piacente, N1JJF, announced that the club's planned bus trip to the Deerfield Hamfest was cancelled due to lack of interest; only one member had signed up for the trip. Their club auction was held March 29th and their May Flea Market is scheduled for Sunday, May 3rd, the day after the bash at Deerfield. NoBARC will hold its next VE exam session May 9th.

The Rip Van Winkle ARS April meeting was postponed one week due to the unavailability of the school two days after Easter. Their Novice/Tech course ended earlier this month with a mid-week exam session. At presstime, we have yet to hear the results. Weather has been most unkind to the club; some class sessions and a club meeting had to be cancelled due to the area receiving Spring in January and Winter in the Spring!

Saratoga County RACES saw a "change of pace" program presented by South Adirondack Search and Rescue (LASAR Team) earlier this month. Plans are well underway for their hamfest September 12th at the Saratoga County Fairgrounds in Ballston Spa.

Albany ARA heard Sue Robinson, N20GP, discuss radio direction finding at their April meeting. Her presentation focused on the use of RDF equipment in locating downed aircraft equipped with ELTs (Emergency Locator Transmitter) and the activities of the Civil Air Patrol. The club's annual banquet will be held in place of the May meeting at the Bavarian Chalet in Guilderland on Friday, May 8th.

The April meeting of the Rensselaer County ARES/RACES Association was scheduled to hear a presentation on the new County Emergency Comms Van which went on the road in mid-March. But the various Police and Fire Departments have "first divs" and the unit became unavailable at the last minute. The program has been rescheduled for May. The van was utilized in an amateur drill for the first time on March 28th in conjunction with the American Red Cross Drill. The van was displayed at the Albany ARC Chapter House following the drill and received a lot of oohhs and aaahhs from drill participants and ARC officials alike!

Member clubs of CDARC combined their talents to provide communications for the Schenectady to Albany 1/2-Marathon on Sunday, March 29th. Nearly 450 runners participated in the race with the help of Raleigh - K2RI, Allen - KE2UJ, Ray - KA2DVM, Don - W2CJO, Dick - N2DGI, Sid - N2CNZ, Mike - KB2KXC, Mike - W2ARQ, Bob - N2LUD, Jack - WA2YBM, Rob - WT2A, Arnie - KE2VF, Bob - KC2VC, and Mike - WD2AJS. (Thanks to Jack Donnelly - WA2YBM for this info!)

WECA, the Westchester Emergency Communications Association, Inc. has established a landline BBS in an effort to recruit computer hackers into amateur radio. At the monthly meeting, the club discussed its recently held WECAFest and how to improve on it in future years. Over 2,200 persons attended the event held at Yonkers Raceway! Tentative date for the next WECAFEST is March 7th, 1993. The club sadly noted the passing of Willard Smith, K2CFX, who was active in public service work and ARMY MARS.

CALENDAR:

- 21-Apr - Troy ARA-Room 3051-CII Bldg-RPI Campus Troy-7:30 PM-147.27
- 26-Apr - NoBARC-Polish Community Center-Linden St.-Pittsfield-Club Auction-7:00 PM-146.91
- 27-Apr - Rip Van Winkle ARS-John L. Edwards School-State Street-Hudson-7:00 PM-147.21
- 28-Apr - SOVARC-Bennington Public Library-Union and Silver Streets-7:00 PM-145.35
- 1-May - Mayday-Celebrate Socialism the modern way by defacing a statue of Vladimir Lenin
- 2-May - Deerfield, NH Hamfest
- 3-May - NoBARC May Flea Market-Dalton American Legion-Dalton, MA-7:00 AM-146.91
- 4-May - Schenectady ARA-Linton H.S.-McClellan and the Plaza-7:30 PM-147.06/224.06
- 6-May - W2SZ-RPI ARC-RPI Student Union on the RPI Campus-Troy, NY-7:00 PM-146.82/224.42
- 8-May - Albany ARA Annual Banquet-Bavarian Chalet-Rt. 20-Guilderland-7:00 PM-145.19
- 9-May - Exam Session-Room 3051-CII Bldg-RPI Campus-Troy-9:00 AM-145.19/147.27
- 9-May - Exam Session-Eastern District NYSEMO Office-Upper East Street-Oneonta-10:00 AM
- 9-May - Exam Session-Masonic Hall-116 South Street-Pittsfield, MA-9:00 AM-146.91
- 9-May - Exam Session-4H Solar Bldg-High Street-Ballston Spa-9:00 AM-147.00/147.24
- 10-May - Mothers' Day-Whole World Stops-If you think I'm touching this one, you're crazy!
- 11-May - Saratoga Co. RACES-4H Solar Bldg-High Street-Ballston Spa-7:30 PM-147.00/147.24
- 13-May - Rensselaer Co. ARES/RACES Assn.-Hudson Valley C.C.-101 Fitzgibbons-7:30 PM-147.18
- 16-May - Atlantic Division Convention/Hamfest Monroe County Fairgrounds-Rochester, NY
- 18-May - Rip Van Winkle ARS-John L. Edwards School-Hudson-7:00 PM-Club Auction-147.21
- 19-May - Troy ARA-Room 3051-CII Bldg-RPI Campus Troy-7:30 PM-147.27

CDARC BULLETINS SCHEDULE:

The CDARC Bulletins are now heard on the 147.27 MHz repeater on Mondays at 7:00 PM and Thursdays at 5:00 PM (local time). Here is the complete revised time schedule:

<u>Frequencies (MHz)</u>	<u>Monday (PM)</u>	<u>Thursday (PM)</u>
145.19 and 147.27	7:00	5:00
146.82, 224.14, 224.42, 444.0, 447.225 (VT), 921.1 (MA), and 921.2	7:15	5:15
147.00 and 147.06	7:30	5:30
149.91 (MA) and 147.12	7:45	5:45
146.76, 147.18, and 442.2	8:00	6:00

The Rensselaer County ARES/RACES link system repeater on 147.345 and a planned machine on 145.37 will be added to the schedule with 146.76, 147.18, and 442.2 when the link radios are re-installed.

THERE IS LIFE ON OTHER FREQUENCIES:

The TARA repeater committee, chaired by Bob Isby, N2LUD, has breathed life into 449.225 MHz. The new club machine, bearing the callsign NY2U and with input down the standard 5.0 MHz at 444.225, came into the world on Monday, March 16 at 1843 UTC. On March 21st, the machine was moved from its hatchling location in Cohoes to the QTH of Dave Pascale, WB2HKR, in Latham. This offered severely limited coverage due to topography, low power, and a low-gain (Radio Shack discone) antenna (soon to be replaced with a 11.5 db gain model). On April 11th, the machine was moved to its permanent crow's nest location in North Greenbush. Reports of repeater performance and coverage should be addressed to N2LUD or NY2U on either 147.27 or 449.225 repeaters.

The Troy Amateur Radio Association wishes to express its deepest appreciation to Dave Edwards, WA2GBO, without whose help the machine might still be just a pile of disjointed components!