

*The*  
**MODULATOR**  
The Baltimore Amateur Radio Club, Inc.  
P.O. Box 120  
Reisterstown, MD 21136-0120

The Baltimore Amateur Radio Club  
Repeater System **W3FT**

Frequency	PL
146.07/146.67	107.2
222.64/224.24	107.2
444.625/449.625	107.2

**simplex:** 146.55  
**web:** <http://www.baltarc.com>

NON-PROFIT ORG.  
U.S. POSTAGE  
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June 2005 Vol. 59, No. 6  
*The*  
**MODULATOR**

Newsletter of the Baltimore Amateur Radio Club



# The MODULATOR

published by *The Baltimore Amateur Radio Club*  
P.O. Box 120  
Reisterstown, MD 21136

For Information, dial **410-HAM-TALK**  
Club website: <http://www.baltarc.com>  
Hamboree website: <http://www.gbhc.org>

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Recording Secretary		
Corresponding Secretary	Henry Lee III	KB1PE
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	Jim Green	WB3DJU
	Jim Georges	WA3RYT

## Committee Chairmen

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Hamboree	Robin Schaefer	AA3SB at arrl.net	410-247-0578
Repeater	Phil Hebert	N3CDY at comcast.net	
Testing	Rusty Schaefer	N3WKE at arrl.net	410-247-0578
W3FT Trustee	Doug Wittich	N3VEJ at arrl.net	
Field Day	Ed Kriston	K3CAV	
	Bill Dobson	N3WD	
Program Chairman	Tom Coates	N3IJ at comcast.net	410-933-9344

Items for *The Modulator* should be sent by the 5th of the previous month, to:

Editor  
*The Modulator*, 3607 Klausmier Rd  
Baltimore, MD 21236  
or email to [modulator@baltarc.com](mailto:modulator@baltarc.com).

The club meets at 7:30 pm. the first and third Wednesday of every month in the club facility at 12360 Owings Mills Blvd., 3/10 mile south of Bond Ave. See ADC map page 16-D8. Complete directions web page <http://www.baltarc.com/directions.htm> or call the Club Facility at 410-526-4263.

**VE Testing:** First weekend of each month. Contact Rusty, N3WKE at arrl.net

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## VE Report - May 2005

A Laurel ARC Volunteer Examiner Coordinator (LARC VEC) affiliated testing session was held at the BARC Meeting and Training Facility in Owings Mills, MD, on Saturday, May 7. Six people took exams for either their initial ham license or to upgrade their license.

**The examinees achieved the following:**

### Became new Technician Class licensee

David Garland KB3MGT  
David Roberts KB3MGU

### Upgraded to General Class licensee

Daniel Cada KB3KXK

### Overall, three tests were passed out of eight administered:

Element 1 (5 WPM CW): 33% Element 2 (Technician Written): 67%  
Element 3 (General Written): 0%  
Element 4 (Extra Written): 0%

Thanks to the Volunteer Examiners who made the session possible:

Hale Adams N3NYC	Ed Kriston K3CAV
Robin Schaefer AA3SB	Bill Dobson N3WD
Jerry Matthews N3XWT	Rusty Schaefer N3WKE
Russ Kaufman N3YI	

Next testing session at the BARC facility is Saturday, June 4, 2004. Registration opens at 1:00 PM and testing starts at 2:00 PM. For information about the next exam session, please send email to [n3wke@arrl.net](mailto:n3wke@arrl.net) (or call Rusty Schaefer 410-247-0578).

### 73, Rusty N3WKE

VE Team Leader

college students. We also provide communications support to non profits in support of the safety and well being of their participants. Organizations such as the March of Dimes, Diabetes Association and Veteran's Education Center utilize these services. Further information about amateur Radio or The Baltimore Amateur Radio Club is available at [www.baltarc.com](http://www.baltarc.com) or by calling our public information officer at 443-794-0735.

## For Sale

Kenwood MC520 DM hand mic, back lite, no's \$20  
 Power Kraft table saw w/base and rollers \$75; companion jig saw, 15" throat \$40  
 Tektronix 604/716M, x-y scope \$40  
 WW II hi-power ant.tuner, vac variables, roller inductor \$110  
 Azden DM-10 headphones new in box \$15  
 Telex C-1320 head phones \$15  
 Pan-a-dapter, BC 1031C \$40  
 Tektronix 105 square wave generator \$20  
 Complete UHF rpt system w/2 motorola handhelds, 1 mobile xcvr \$150  
 W2IHY 8 band audio equalizer w/noise gate \$150  
 Champion Auto ignition analyzer \$20

Call **Ted, W3OWN**, 410-668-5580. Please leave a message if you get the answering machine.

I would like to advertise a free-standing aluminum Universal Tower for sale. It is 50 feet high in 10 foot sections that nest together. I am asking \$400.00

My call is **KB3DA** and email is [tlpcsa at cs.com](mailto:tlpcsa@cs.com) LL 410-944-2106

Kenwood TS440 transceiver, power supply and SWR meter \$700

Contact **Fr. John Robbins** (410)665-2111, [jrobbins at surfbest.net](mailto:jrobbins@surfbest.net)

Kenwood AT200 Antenna Tuner, mint condition \$150

National Speaker \$50

Call **Doc Sanders W3FYA**, 410-484-1103

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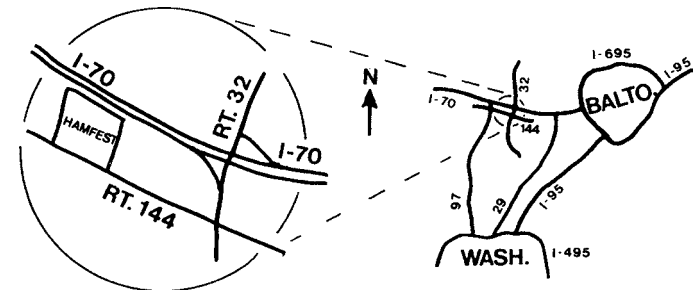
## Maryland Hamfest and Computer Fest

sponsored by the Baltimore Radio Amateur Television Society

**Sunday, July 24, 2005**

**New Location: Howard County Fairgrounds,  
Off I-70 at Rt. 32**

Grounds open for Tailgating at 6:00 am  
 Accessible to the handicapped • Kids under 12 Free



- Prizes
- Free VE Exams
- Refreshments
- 300 Tailgating spaces (first come, first served, NO reservations)
- Rain or shine
- Good Food
- Outdoor exhibit areas
- Computers
- Giant Flea Market

Free VE exams at 9:00 am only, check-in at 8:30 am  
 Pre-Registration Required  
 To register call 301-572-5124 between 6 pm and 9 pm,  
 or email [creewb3gxw@aol.com](mailto:creewb3gxw@aol.com)

**For more information contact:**

BRATS • PO Box 5915 • Baltimore, MD 21282 • 410-461-0086 voice or fax  
<http://bratsatv.org> • email [brats@bratsatv.org](mailto:brats@bratsatv.org)

## The President's Corner

Summer is right around the corner and so is Field Day. Mark your calendar now and plan on joining us at Hannah More Park on June 26 and 27 for field day, a celebration of Amateur Radio. Now is the time to practice your skills at setting up a field station, making contacts, demonstrating the benefits of Amateur Radio to visitors and socialize with your fellow amateurs from BARC and HAHA. The theme for this year's field day is "Homeland Security and Emergency Communications". For additional information contact **Ed (K3CAV)**, **Bill (N3WD)** or visit the BARC website at <http://www.baltarc.com>.

The DSL line is active and we now have broadband wireless and wired access at the Meeting and Training Facility. All of the computers in the facility are hardwired into the network and can be used to access the internet. EchoLink will be available by July 1, 2005 on one of the computers in the Radio Shack and instructions for using it will be posted next to the PC. If you have not already done so you should load Echolink on your home PC to select a password and have your call sign validated. To access the network in the facility using your laptop you will need a NIC or a wireless adapter installed in your machine. Guidelines for use of the system will be published shortly.

On the legislative front...at the Federal Level Maryland still leads the nation in percentage of its congressional delegation supporting H.R. 691, the Amateur Radio Spectrum Protection Act, with five of eight congressional representatives onboard as cosponsors. The five are, Roscoe Bartlett, Elijah Cummings, Dutch Ruppersberger, Wayne Gilchrest and Albert Wynn. I would like to thank those club members who responded to our request to contact their representatives. Your assistance following our meetings reinforced the fact that Amateur Radio is alive and well in Maryland.

The 2005 Nominating Committee is working feverously on the slate for our upcoming elections and will announce it at the June 1, 2005 business meeting. If you are interested in serving as officer or on the executive board, please contact one of the committee members on or before June 1. The committee members include **Ed Kristen (K3CAV)**, **Al Fitzsimons (W3YRS)**, **Tom Coates (N3IJ)** and **John Lynch (WA3G)**.

As a reminder, our June program meeting will be on June 4 at the Maryland Emergency Management Agency facility in Reisterstown and will include a tour and briefing by MEMA officials. The event starts at 8:30AM with a breakfast social; the formal program will run from 9:00AM through

## Field Day announcement

*(from Press Release of May 20, 2005)*

What happens when disaster strikes and the primary means of communication fail? Ask the residents of Homestead, FL, or the rescue workers in Oklahoma City or at the Pentagon after 9/11. The answer is amateur radio. When civil systems such as telephone lines, cellphone towers or police and fire communications systems go down, trained amateur radio operators set up their own equipment and step in to move messages from one place to another. These skills are regularly practiced by amateurs (also known as hams) and their public service counterparts. On June 25-26, 2005, thousands of amateur groups across the country will demonstrate these skills in an annual 24 hour exercise. According to the American Radio Relay League ([www.arrl.org](http://www.arrl.org)), last year's exercise included over 2200 clubs, 33,000 people and over 1.3 million contacts logged in 24 hours. According to ARRL, the purpose today remains as it always has been: "To demonstrate the communications ability of the amateur radio community in simulated emergency situations."

The Baltimore Amateur Radio Club (BARC) will join with the Hanover Area Hamming Association (HAHA) to put on a public demonstration on June 25-26, 2005. The event will be held at the Hannah Moore Park in Reisterstown, Md. Setup will begin by 10 AM, and the actual radio operation runs from 2 PM Saturday until 2 PM Sunday. Visitors are welcome to see this time-tested communication method in action, and even try their hand at making a contact. The demonstration will feature emergency power sources, including generators and solar power. Antennas capable of sending signals across the nation and even around the world. Information about the FCC Amateur Radio Licensing process will also be available.

BARC has a long tradition of providing support to Baltimore County, Baltimore City and MEMA emergency operations. HAHA provides similar support to York County and the West Manheim Twp, PA. As issues of emergency response to terrorist actions filter to the local level, these local groups of amateurs continue to train and invest in their capability to provide communications to government, relief agencies and the general public. This is a totally voluntary effort; federal rules prohibit payment for amateur communication

The Baltimore Amateur Radio Club, Inc. is non-profit, 501-c(3) organization, incorporated under the laws of the State of Maryland in 1947. Our 250 members provide several thousands of dollars scholarships for deserving



View of Parking Lot right at Field Day Site.

## Upcoming Program Schedule

*Tom Coates, N3IJ*

**June 4: Field trip** from 8:30 to 11:30 on Saturday morning to the MEMA emergency management facility near Woodensburg, on Rt. 30 about 5 miles NW of the BARC facility. Briefings by officials, a tour and demonstrations of state-of-the-art equipment. Plus breakfast for those who arrive at 8:30 and a nice door prize. Save the date! This in place of the meeting normally scheduled for the third Wednesday. Because of security at Camp Fretterd, BARC must provide a list of attendees by the end of the day on Thursday, June 2. A message to *n3ij at comcast.net* or *410-933-9344* should be sufficient.

**July 20: ARRL night.** **Tom Abernethy, WA3TOM**, Maryland-DC Section Manager, will tell us what the ARRL is doing.

11:30AM. This is an event not to miss if you are interested in Emergency Communications, enrolled in RACES or simply want to see how the state deploys technology to aid its citizens during an emergency.

As always, I want to thank all those members who have contacted me expressing their support for our initiatives, please keep the e-mails and letters coming. Your opinions are extremely important and help me understand what the membership's concerns are and what needs to be done to make BARC the premier Maryland club.

That's all for now, and I hope to see you at the June 1st business meeting, the June 4th program meeting, or at this month's lunch with the President on Thursday, June 9th at Andy Nelson's BBQ (see separate notice in this issue), until then...

*Remember, this club exists because of you and it cannot exist without you!*

**Joe Krysztoforski, AJ3X, President BARC**  
**AJ3X at arrl.net**

## BARC Lunch with the President

Thursday, June 9th, 11:30 AM at **Andy Nelson's BBQ**. Let us know if you're coming so we can get a table big enough for everyone. Andy's is on the right hand side (when traveling northbound) of York Rd between Mark Downs and Linard's towing. Watch for the pink pig on the roof. The address is 11007 York Road, Cockeysville, MD 21030 • (410) 527-1226. The menu is online at <http://www.andynelsonsbbq.com/menu/>. The service is fast, and the food is good, just want busy people want! RSVP to [Lunch@baltarc.com](mailto:Lunch@baltarc.com) by June 8th, or phone *443-794-0735*, up until the last minute.

## Field Day 2005 at Hannah Moore Park, Reisterstown Update

Plans are well under way for Field Day 2005. Ed, K3CAV and I have been busy at work getting ready for Field Day. Remember Field Day is June 25 and 26. The Hanover Area Hamming Association (HAHA) has been working directly with ED and me and I for one am excited at the prospect of this years Field Day.

I have taken some pictures of the Field Day site. As I write this I have in hand the Permit and Contract for use of the site including the stipulation that we have the key to the restrooms at the concession stand at the football field. We will have REAL restrooms with running water this year. Also, we have our own paved parking lot and the grass will be mowed by the county prior to our use. We can also pitch as many tents as we want. Those that wish to spend the night please come and join us.

We have use of the field from dawn on Saturday until 5 PM Sunday. We also have Pavilion 2 for our sole use from 3 to 8 PM on Saturday for the annual picnic. This will be a club picnic for BOTH clubs. If you plan on attending the picnic please drop me an e-mail with the number of people attending so I can budget for food. This year we are going light on buying food up front and if needed we can go to the Mars supermarket next to the field day site. Also, around the site and within walking distance is McDonalds, Mars, Rite Aid, Dollar Store, a diner, sub shop, chinese carry out and pizza joint.

There are a couple of restrictions that need to be followed. First, there is no alcohol permitted in the park and is stated so in the contract. The parking lot at the school (top of photo 1) is out of bounds and cannot be used for our purposes. No vehicles are permitted on the field unless approved by Ed or me and then when the task is completed they must be removed. Any holes we make in the field we need to make sure we fill in on Sunday. Finally it is also stated in the contract that there is no smoking on park grounds. Those that smoke please make sure that we do not leave any butts behind. Ed and I are not going to be the smoking police but be aware if someone from the county comes by you may be told there is no smoking.

***Directions to Hannah Moore Park*** - Take Beltway exit 19 (I-795) north to Franklin Blvd. (exit 7). This would be the exit after the one you would take for club meetings. Take first exit (east) onto Franklin Blvd. Go through first traffic light (Tarragon Rd). Make left onto Reisterstown Rd. (Rte 140)



*View from end of field towards Reisterstown Rd.*



*Pavilion for Picnic across lot from Field Day Site.*



Zoom to Reisterstown Rd from bottom of Field Day site.



View across Reisterstown Rd back into Hannah Moore Park at Field Day Site. (Site is located between church and building).

as second light. Go through first light (Reisterstown Shopping Center and Franklin High School). Turn right at second light (Caraway Rd.) into Hannah Moore driveway. Bear right and follow driveway around right side of main building. Go through parking lot until Stop sign. Bear left following road away from playground. Field Day Site will be in front of you. Park in parking lot which is on the right.

### Bill, N3WD







Actual Field Day Site (Field).





View from bottom corner of site out towards Reisterstown Rd.

# June 2005

**Upcoming Public Service & Events**  
 Jul 20: ARRL Night  
 Jul 24: Brats Hamfest at Howard County.  
 Details at [www.bratsatv.org](http://www.bratsatv.org)

**Upcoming Contests**  
 Jul 9-10 -  IARU HF World Championships  
 Aug 6-7 -  UHF Contest  
 Aug 20-21 -  10 GHz and Up Contest  
 Sep 10-12 -  Sept VHF QSO Party

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			<b>1</b> Club Meeting 7:30 p.m.	<b>2</b>	<b>3</b>	<b>4</b> VE Testing— Registration: 1 p.m. Testing begins: 2 p.m. <b>Program Meeting:</b> MEMA Field trip 8:30-11:30 am
						<b>Rochester Hamfest</b> <a href="http://www.rochesterhamfest.com">www.rochesterhamfest.com</a>
<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b> Breakfast with the BARC President <i>(see page 5 for details)</i>	<b>10</b>	<b>11</b> PS Event: MS 150, Eastern Shore  Jun VHF QSO Party 1800 Sat - 0300 Mon UTC
<b>Rochester Hamfest</b> <a href="http://www.rochesterhamfest.com">www.rochesterhamfest.com</a>						
<b>12</b>	<b>13</b> Deadline— July Issue of <i>The Modulator</i>	<b>14</b>	<b>15</b> No Club Meeting	<b>16</b>	<b>17</b>	<b>18</b>
<b>19</b> Father's Day	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>  FIELD DAY 1800 Sat - 1800 Sun UTC
<b>Frederick Hamfest</b>						
<b>26</b>  FIELD DAY 1800 Sat - 1800 Sun UTC	<b>27</b> Deadline— Feature Articles for August Issue of <i>The Modulator</i>	<b>28</b>	<b>29</b>	<b>30</b>	<b>Phases of the Moon</b> 06/08 New Moon 06/15 First Quarter 06/22 Full Moon 06/28 Last Quarter	