



# the Milliwatt



The award-winning monthly publication of  
The Baltimore Radio Amateur Television Society  
P.O.Box 5915 Baltimore, MD 21282-5915

## March, 2009

### **ARRL National Convention to be Held at 2009 Dayton Hamvention®**

The ARRL National Convention will be held at the Dayton Hamvention® May 15-17 at Hara Arena. According to ARRL Sales and Marketing Manager Bob Inderbitzen, NQ1R, the ARRL National Convention will be filled with activities and exhibits. "Our host organization, the Dayton Amateur Radio Association, has three big days planned, chock-full of every bit of Amateur Radio you can think of," Inderbitzen said. "ARRL volunteers from across its 15 National Divisions will be present, alongside thousands of out-of-towners who will make Dayton their home-away-from-home during the event. The centerpiece of ARRL's convention planning is ARRL EXPO -- a huge showcase of ARRL program representatives and activities. Many new exhibits are being planned, with special focus on operating and project-building." A preview of what is planned for ARRL EXPO can be found at the ARRL EXPO Web site.

### **ARRL Executive Committee Issues Mobile Amateur Radio Operation Policy Statement**

On January 30, at the instruction of the Board of Directors at its January 2009 meeting, the ARRL Executive Committee adopted a policy statement on mobile Amateur Radio operations. The statement addresses the growing number of proposed state and local laws and ordinances regulating the use of cellular telephone and text messaging, inadvertently affecting Amateur Radio mobile communications.

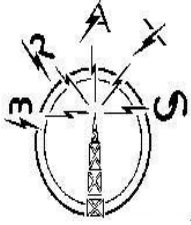
In its statement, the Executive Committee urges state and municipal legislators to limit the scope of their proposals, limiting them to devices such as full duplex wireless telephones and related hand-held or portable equipment. Alternately, it suggests that licensed Amateur Radio operation be listed specifically as an exclusion to the proposed regulations.

"At the start of each new session, you see a flurry of this type of proposal in state legislatures across the country," said ARRL Regulatory Information Manager Dan Henderson, N1ND. As of February 1, 2009, Henderson said that the ARRL is aware of proposals in 11 states: Georgia, Hawaii Idaho, Illinois, Iowa, Maine, Montana, Texas, Utah, Virginia and Wyoming, as well as several local city or town proposals.

"These proposals are usually intended to regulate cellular telephone and text messaging by drivers as a matter of safety but, when they are written in very broad terms, can include Amateur Radio mobile operations in the 'net' they cast," Henderson continued. "The Executive Committee's policy statement gives a good, concise background of the role the Amateur Service plays in public safety and service communications. It also highlights the differences between communications conducted by cellular telephone and those using Amateur Radio. Finally, the statement offers some suggested statutory language for state motor vehicle codes which would protect Amateur Radio mobile operation."

The ARRL recognizes that driver inattention is a leading cause of automobile accidents. The policy statement raises the fact that cell phones utilize full duplex communications -- where the user is talking and listening simultaneously. The Executive Committee statement says "Two-way radio use is dissimilar from full-duplex cellular telephone communications because the operator spends little time actually transmitting; the time spent listening is more similar to, and arguably less distracting than listening to a broadcast radio, CD or MP3 player. There are no distinctions to be made between or among Amateur Radio, public safety land mobile, private land mobile or citizen's radio in terms of driver distraction. All are distinguishable from mobile cellular telephone communications in this respect."

The ARRL Policy Statement also recognizes the responsibility of the amateur community to conduct its activities in a manner that does not create unsafe operation of their motor vehicle. "Safety has to be a top concern at all times," Henderson concluded.



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The award-winning monthly publication of The BRATS.

Items herein may be reprinted with credit.

Mayer D. Zimmerman, W3GXX, Editor

## Some Thoughts

We were very saddened to learn that the Frederick Fathers Day Hamfess was cancelled. It is a very tough decision for those few of us who set up and run a hamfest. Tables cost money to rent; vendors do not want to pay money for tables. In today's economic climate, some truly do not have any money. But a viable, profitable hamfest is a must for many ham radio clubs. It is their major source of income if not the only source. But today, profit is limited to the gate and tailgating. Our condolences to our friends at Frederick. They always ran a class event. But now it is up to each of us to patronize the remaining hamfests, so they too don't go away.

73, Mayer, W3GXX

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## The Baltimore Radio Amateur TV Society, Inc. P.O. Box 5915 Baltimore, MD 21282-5915

a non-profit organization under section 501(c)(3) of the Internal Revenue Code and a non-profit corporation in the State of Maryland. We belong to and support the Foundation for Amateur Radio (FAR) and the American Radio Relay League (ARRL).

home page: <http://www.bratsatv.org>

e-mail: [brats@bratsatv.org](mailto:brats@bratsatv.org)

InfoLine: 410- 461-1212

Meetings: 3rd Tuesday, 7:15 PM, Pikesville Library, 1301 Reisterstown Rd., Pikesville, MD.

President: Ed Rosen, N3GXH

Vice Pres: Edward Koritzer, N3DGY

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Vice Chairman, Operations: Ian Millet, N3CVA

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## BRATS Repeaters

### BRATS Linked Repeater System:

WB3DZO: 147.03+, 224.96-, 448.325-

### BRATS Stand-alone repeaters:

443.350+, 224.8-

### BRATS Packet Network Nodes

W3GXT-5 145.05

W3GXT-10 224.52

### BRATS ATV Repeater System:

W3WCQ: inputs: 426.25, 1253.25

outputs: 439.25, 911.25

## BRATS Weekly Nets

Mon 9 pm Traffic and Info Net, W3GXX

Tues 11:45 Informal ATV Net, W3WVV

Tues 9 pm BRATS Horsetraders Net

Wed 9 pm CATS ATV Net

Thurs 9 pm BRATS ATV Net

Sat 1 pm Weekly News Bulletin, W3GXX

Sat 1:20 The BRATS Answer Men:

Sun 8 pm MATS ATV Net

As needed Weather/Emergency Net, Skywarn

## BRATS Board of Directors

### Through 12/09:

KA3IDB, KB3FIF, K0RYX

### Through 12/10:

W3ZQI, KB3LJM, K2GZL

## Regular BRATS Meetings

3rd Tuesday of each month, 7:15 PM

Pikesville Library, 1301 Reisterstown Rd

## Next BRATS Meeting

Tuesday, March 17, 7:15 PM

Pikesville Library

1301 Reisterstown Road, Pikesville

*Please Plan to Join Us!*

### **Bad vibrations may knock years off the space station's life**

NASA is investigating whether moving the International Space Station last month caused structural damage that could cut the station's useful life, the agency said Monday.

Russian engineers last month sought to position the station to receive a robotic spacecraft on Feb. 13. The rockets used to change the station's location cut off abruptly rather than gradually, said NASA spokesman Kelly Humphries said.

That caused the station to shake more than it usually does, according to daily reports on the station's condition that are posted on NASA's website.

The extra jostling may have caused damage to the station that could affect its longevity, Humphries said.

"Anytime you impart a vibration to the station it has potential implications" for the station's solar panels and the connections between the station's parts, Humphries said.

The station's longevity is a sore point. NASA has no firm plans to make use of the orbiting laboratory, which costs roughly \$100 billion, after 2015. Many of the other 13 nations that helped build and operate the outpost want to keep it going until 2020.

The station was built with extra structural strength, Humphries said, and the current analysis is "just making sure we haven't eaten into that margin."

NASA officials may decide today whether to call off a second attempt to move the station planned for Wednesday or to do it with a different set of rockets than those used in the station's earlier move, Humphries said.

The rockets used in January are on the exterior of a section of the station that serves as a kitchen and dining room. There's also a set of rockets on a robotic cargo pod that is temporarily parked at the station. Those could move the station Wednesday if engineers are still worried that last month's problem could recur.

The rockets on the station are also used to move the station out of the path of any oncoming debris that could puncture its exterior shield. Humphries said he did not know whether such maneuvers would be performed given the current uncertainty over the rockets' performance.

Space shuttle Discovery is scheduled to blast off Feb. 12 to carry new solar panels to the station. Its visit should not be affected by the relocation that went awry, Humphries said.

The station also needs to move in March so it can receive a Russian spacecraft carrying two new residents for the station. That will allow two crewmembers now aboard the station to go home.

Delays in construction mean that the station, which was started in 1998, still isn't finished and has been occupied by skeleton crews of two or three people. The first full crew of six people is scheduled to take up residence in May.

Equipment inside the station also is giving NASA headaches. New equipment for converting urine into drinking water necessary to maintain a crew of six failed, according to the daily online reports about the station. Officials hope to fly a replacement part on the upcoming shuttle flight.

### **Cellphones take flight on Ryanair**

Budget carrier Ryanair has become the first European airline to launch in-flight cellphone service. The Irish discount airline is famous for finding ancillary sources of revenue, and cellphone calls and texting could be a cash cow. The service will cost £1.50 to £3 per minute (one pound is currently worth \$1.43), 40p per text sent (incoming ones are free) and £1 to £2 for limited e-mails use.

A reporter for [The Independent](#) offers an amusing account of the first cellphone-enabled flight: Shortly after 10am yesterday, flight FR113 from Gatwick to Dublin changed flying in Britain forever by unleashing on the unsuspecting air traveller another budget airline innovation. Precisely seven minutes after take-off, a green light on a newly-installed overhead cabin sign lit up, reading: Mobile use permitted.

Anticipating the uproar over a cabin full of chatter, Ryanair's chief executive Michael O'Leary is quoted by [The Guardian](#): I have no patience with the Luddite approach that says people don't want to use their mobile phones in-flight. You don't take a flight to contemplate your life in silence.

Our services are not cathedral-like sanctuaries. We will be encouraging our passengers to make as many calls as possible because that will lower our costs and boost our revenues.

Indeed, [The Independent](#) observes, In an effort to maximise use of its high-altitude chit-chat facility, Ryanair has plastered its cabins with posters of doe-eyed blondes and smiling-yet-stern bosses with slogans such as She's expecting your message and Tell him about your meeting.

The system can only be used above 10,000 feet and currently operates only with select European cellphone networks. Ryanair has outfitted 25 of its 170 aircraft with the cellphone system so far, but says it will equip the entire fleet within 18 months. According to [BBC.com](#), passengers on routes between Dublin and the London-area airports at Gatwick, Stansted and Luton can use the service. Availability elsewhere depends on fleet distribution. The BBC also has a graphic showing how the system works.

**Google Earth allows exploration of oceans, Mars**

Google is launching a new version of Google Earth that will let users explore the oceans, view images of Mars and watch the Earth's surface change over time. The new features on Google's popular geography program were unveiled Monday at the California Academy of Sciences in San Francisco, where former Vice President Al Gore was among the speakers. Users of Google Earth 5.0 can now dive beneath the ocean's surface, explore three-dimensional images of the underwater terrain and view articles and videos about marine science. The Historical Imagery feature lets users see archive satellite images of a single location. And Google Mars 3-D features high-resolution images of the Red Planet.

**Distress Beacons at 121.5 and 243 MHz Phased Out**

As of February 1, the Cospas-Sarsat (Search and Rescue Satellite Aided Tracking) satellites are no longer monitoring distress beacons at 121.5 and 243 MHz. All mariners, aviators and individuals who use emergency beacons on those frequencies will need to switch to the newer, digital 406 MHz frequency if they want to be detected by the monitoring satellites. The National Oceanic and Atmospheric Administration (NOAA) claims that in 2008, beacons monitored by the Cospas-Sarsat worldwide system were responsible for almost 300 lives saved, including 203 people rescued in 65 in at-sea incidents and 12 people rescued in 7 aviation incidents.

**FAA closes its investigation into waste that fell from the plane**

The Federal Aviation Administration has closed its investigation into a beach ball-sized chunk of frozen human waste that fell onto a parked car from a passing plane. FAA spokesman Jim Peters said Tuesday that investigators were unable to determine which plane dropped the waste on Jan. 27. It smashed the windshield and roof of Nina Gambone's Toyota Corolla minutes after she and her 13-year-old son had gotten out of the car. Peters said the waste was most likely dropped by a commercial overseas flight headed into Logan International Airport. "We pulled the radar tracks and narrowed it down to about five possible carriers," Peters said. "Sometimes we do have success, but we were unable to do it this time." Gambone and her son were not injured, but the car was totaled.

**Southwest begins testing Internet access**

*Southwest begins testing Internet access on 1 jet, plans to expand by 4 next month* Southwest Airlines Co. has started testing wireless Internet access aboard one of its jets with plans to expand the test by early next month. Southwest said Tuesday that the test will last a few months and eventually include four aircraft. During the test, passengers will be able to log on free using their own laptop or smart phone — cellular technology won't work. Spokesman Paul Flanagan said Southwest hasn't decided how much to charge after the test ends. Southwest is waiting for approval from the Federal Communications Commission to offer service beyond the trial. Airlines are rushing to add Internet service on flights to raise revenue and give passengers something else to do. Dallas-based Southwest is using technology from Row 44, which provides Internet service through a satellite link. American Airlines and other carriers are using technology that connects Internet users through ground-based signals. Southwest said it is working with Yahoo Inc. to offer a home page with destination-relevant content during the flight. Shares of Southwest rose 9 cents to \$7.27 in afternoon trading.

**WA7BNM Contest Calendar**

March 3  
AGCW YL CW Party

March 7  
Wake Up QRP Sprint

March 8  
DARC 10-Mtr Digital Contest

Mar 7-8  
ARRL Int. DX Contest, SSB

March 14  
AGCW QRP Contest  
SOC Marathon Sprint

March 15  
North American Sprint, RTTY

Mar 14-15  
EA PSK 31 Contest

Mar 15-16  
Wisconsin QSO Party

Mar 20-22  
SARL VHF/UHF Contest

March 21  
10-10 Int. Mobile Contest

Mar 21-22  
Russian DX Contest

Mar 28-29  
CQ WW WPX DX Contest, SSB

Mar 28-20  
BARTG HF RTTY Contest

April 2  
SARL 80 Mtr. QSO Party

April 5  
SP DX Contest  
Missouri QSO Party

(Thanks, Bruce, WA7BNM)

**Satellite Shorts From All Over**

- Satellite DX! Congratulations Joe, K3SZH for 8000 QSOs via AO-7. Joe was copied in Brazil by PU2BFG in Mode B. Jean, F2IL has now completed 4000 plus qsos via AO7. Congratulations Zlatko, 9A2SB on your 1000 plus QSOs on AO in modes A&B. On January 15 Clare VE3NPC worked CU2JX via AO-51 mode L/U.
- Mike, DK3WN has released software for the two new Japanese PRISM and STARS satellites ?CW TLM decoders. See: <http://www.dk3wn.info/software.shtml>
- Universe Today has a series of YouTube videos which give you a personal tour of the ISS: <http://www.universetoday.com/2009/01/26/take-a-personal-tour-of-the-iss/>
- Bob, WB4APR is asking for help from antenna experts on very-short, yet broadband antennas. Size: on the order of 3 feet or less; operating freq: 10 MHz; BW: 500 KHz. Contact [wb4apr@amsat.org](mailto:wb4apr@amsat.org) if you can help.
- The K6DUE callsign of the late NBC Newsman Roy Neal is now the call of the International Space Station Amateur Radio Club. According to ARISS International Chairman Frank Bauer, KA3HDO, the call letters will initially be used for ground station operations but may be used for other activities in the future.

**ARRL DX Bulletin**

PAPUA NEW GUINEA, P2.

Jerry, P29ZAD is QRV from Buka Island, IOTAOC-135. QSL to home call.

SOUTH GEORGIA ISLAND, VP8.

Lars, VP8DIF has been QRV on 20 meters using RTTY around 1630 to 1900z. QSL via DJ9ZB.

OPERATIONS APPROVED FOR DXCC CREDIT.

The following operations are approved for DXCC credit: Bhutan, A5100A, 2008 operation; Afghanistan, T6EE, Additional documentation has been received to include 2006 and 2007 operations. If you had a QSO rejected for these dates send a note to [dxccarrl.org](http://dxccarrl.org) to be placed on the list for an update; Republic of the Congo, TN5SN, current operation effective October 2008; Chad, TT8HA, operations for 2007 and 2008; Chad, TT8SK, operations for 2008 and 2009; Albania, ZA/F4DTO, 2008operation; and Albania, ZA0/I0SNY, ZA0/I8LWK, ZA0/I8YGG, ZA0/IK2AQZ and ZA0/IK7JWX, operations in 2008.

**New Zealand to get a primary 7MHz allocation**

The New Zealand telecommunications regulatory authority has announced that nation's amateur radio service will be given Primary access to 7.1 to 7.2MHz after 29 March in accordance with the International Telecommunications Union's latest Radio Regulations. [RSGB]

**John Kanzius, K3TUP (SK)**

John Kanzius, K3TUP, of Erie, Pennsylvania, passed away February 18 in Florida from pneumonia. He was 64. Kanzius was best known for his research into finding a cure for cancer using radio waves, specifically 13.56 MHz. (see February, 2009 [CQ](#) magazine)

**Jim Smith, VK9NS (SK)**

Jim Smith, VK9NS (ex-P29JS), of Norfolk Island, Australia, passed away Tuesday, February 10, after a short illness. He was 80. A noted DXer and ARRL member, Smith was #81 on the Islands on the Air (IOTA) Honour Roll.

## VE EXAMS

### BARC VE EXAMS for 2009

12360 Owings Mills Blvd. Owings Mills  
Register: 1:30 PM, Exams begin 2 PM.  
No one admitted after exams begin

Saturday March 7, 2009  
Sunday, April 5, 2008  
Saturday, May 2, 2009  
Saturday, June 6, 2009  
Sunday, July 5, 2009  
Saturday, August 1, 2009  
Saturday, September 5, 2009  
Sunday, October 4, 2009  
Saturday, November 7, 2009  
Saturday, December 5, 2009

[n3wke@arrl.net](mailto:n3wke@arrl.net) (Thanks, N3YI)

### 2009 AERO VE EXAMS

Registration at 1 PM, Exams at 1:30.  
Fee \$14 ( ARRL VEC); All exams at White Marsh Library, 8133  
Sandpiper Circle;

*March 21, 2009*

Pat Stone, AC3F, [ac3f@juno.com](mailto:ac3f@juno.com), 410-687-7209

### Other Club Exams

**2nd Saturday, 1 PM**, Davidsonville, by AARC. Register 12 noon.  
Bob, AA3RR, 410-437-8193  
**3rd Saturday, 9 AM**, Laurel, by LARC, 384 Main St. John Creel,  
WB3GXW, 301-572-5124.  
**4th Tuesday, 6 PM**, Linthicum. At Historical Electronics Museum.  
Harold, WB4OGP, 410-757-0493(h); 410-712-6829(w)

### Bill Introduced to put slots at BWI

Airline passengers may soon be able to play slots in the Baltimore Airport between flights. The Associated Press writes, "with the bidding process off to a shaky start for five slots parlors in Maryland, a state delegate has introduced a bill to place slots inside BWI-Marshall Airport. The bill would allow a slots parlor to be opened inside the airport terminal with up to 3,000 machines. Voters would have to approve it as an amendment to the state constitution."

### Here s Looking at you! WANTED: BRATS on the ATV Repeater

The ATV repeater is working fine. We need more BRATS members to use the repeater. The repeater is working fine! Please check in to the nets (see back page for schedule) and use the repeater!

### March Special Event

March 13-14: 22nd Annual Winter SWL Fest  
The Inn at Towamencin in Kulpville, PA, 30 minutes north of Philadelphia. <http://www.swlfest.com>

## Hamfests

**March 28-29, 2009** Timonium, MD,  
Greater Baltimore Hamboree and Computerfest; 146.67/R;  
by BARC <http://www.gbhc.org>; [w3ft67@yahoo.com](mailto:w3ft67@yahoo.com);  
443-590-1444

**April 4** - Georgetown, Del.  
Sussex ARC Hamfest - Sussex Tech. H.S. 17099 Route 9,  
Georgetown, De (147.075+) 302-629-4949

**April 18** - York, PA.  
York Spring Hamfest Brookside Park , 4054 Fox Run Rd.  
(147.33, PL 123.0) 717-292-3529

**Sunday, May 24:** W. Friendship, MD  
MDFM Memorial Day Hamfest, Howard County  
Fairgrounds, Route 144 at Route 32 and I-70; (146.76/R,  
444.00/R) WA3MNN 301-641-5313; [wa3mnn@verizon.net](mailto:wa3mnn@verizon.net)

### IMPORTANT NOTICE

The Frederick Fathers Day Hamfest is **CANCELLED!!!!**

## BRATS HAMFEST

**Sunday, July 19, 2009**  
**Howard County Fairgrounds**

### June 27-28 FIELD DAY

BRATS with AERO ARC at Camp Genyara, near PA state line; call Frank, AC3P, 410-687-7209 or [ac3p@juno.com](mailto:ac3p@juno.com)

### Next BRATS Meeting

Tuesday, March 17, 7:15 PM at the Pikesville Library, 1301 Reisterstown Road.

## milliwatt swap shop

*ads are free and get results!*

Send ad to: BRATS, P.O. Box 5915  
Baltimore, MD 21282-5915, or email  
to [w3gxx@verizon.net](mailto:w3gxx@verizon.net)

**ATTENTION:** if you do NOT want your ad to run again, please send me an email to that effect.  
Thanks! [w3gxx@verizon.net](mailto:w3gxx@verizon.net)

**FOR SALE:** Icom 144 MHZ transceiver W/charger (ICOM T2H walky), belt clip and rubber ducky, & instruction book. Asking \$80.00. K3BCD, e-mail [vwm07@comcast.net](mailto:vwm07@comcast.net) or 410-866-5441.

**WANTED:** I need an AT-930 for a TS-930s . Please send condition and price . Want complete and good unit . Jerry [jerrymcf@sbcglobal.net](mailto:jerrymcf@sbcglobal.net)

**WANTED:** Narrow filter for Kenwood TS-570SG, e.g. 250 hz. such as Kenwood P/N YK-88CN-1 Neil, W3ZQI, 410-765-8439, days, or [neilatv@yahoo.com](mailto:neilatv@yahoo.com)

**FOR SALE:** mtrs mkd +-10kHz, 0-100 microamps in cabinet, \$10, mtrs and cabinet. 0-50 milliamps & 0-150 VAC \$56 each. 2-80 mtr. Dipole w/insulators and nylon line, \$10. Homebrew VSWR bridge, %5 .Regal RSDP-com duplexer spillter combiner, 2 Mtr./440 \$10. Panoramic adapter BC-1031C \$40, Millen antenna matching pre-amp with 27-32 MHz plug-in \$5. Call Ted, W3OWN. 410-668-5580, if I am out, leave message, I will call back...

**FOR SALE:** Heathkit SB 1000 linear amplifier, \$750 + shipping; 1200 watt transmitter, 3-1000 tube requires 100 watt for 1K output, companion power supply 120V, only 744 hours use, both built by electrical power engineer and in 100% working order, \$2000 plus shipping; HyGain HDR 300A rotator, 25 sq ft wind load and control box \$ 950 + shipping. Kenwood TS-930S xcvr., \$300 + shipping. Contact Joel, W3YZI, at 410-913-9863.

**FOR SALE:** Special! ICOM BC-110A battery charger , 12vDC 200mA, for ICOM T8A or similar. Used only twice, misplaced, bought a new one. Found it after new one arrived. Cost \$46, make me an offer. Mayer, W3GXK, 410-786-6839 or [w3gxx@verizon.net](mailto:w3gxx@verizon.net)

**FOR SALE:** Alinco 110 2-mtr. xcvr. \$100. ACI linear for 2 meters, \$20. Heath HM102 power meter w/ antenna selector \$40. Call Jerry, KB3AP, 443-618-0618

**FREE!** You remove! TV grade 30-35 foot tower in New Market, MD (off I-70). Dennis 410-842-3336.  
[dennis.kinsel@ngc.com](mailto:dennis.kinsel@ngc.com)

**FREE:** Schematic for ICOM 2AT. If you need one, I will be happy to copy it and mail it to you. Mayer, W3GXK [w3gxx@verizon.net](mailto:w3gxx@verizon.net)

**FREE:** Heathkit Assembly Manual for Code Oscillator Model HD-1416; Heathkit Assembly Manual for Relative Field Strength meter Model HD-1426. Come to next BRATS meeting and pick em up.... See Mayer, W3GXK who is still cleaning stuff and finding things!!!

### VTS - VIDEOTAPING SERVICE

Video/DVD duplications, video tape transferred to DVD. One source up to 2 hours, \$30. Standards, conversions. Call VTS toll free at 1-877-891-1002. BRATS member Bob Shapiro, K2MYS <http://www.videotapingservice.com>

### JADE COMPUTERS, LLC

1009 Ingleside Ave, Baltimore, MD 21228. Phone 410-719-1246 ; Fax 410-719-9494. Your answer to custom built PC, office and home networking. Reseller for Net Integrity server, cable modem, DSL, webpage design and hosting POS and networking. We do CPR to your CPU. Kid tested, mother approved. Order PC on line: <http://www.jadecomputers.us> email: [joed@jadecomputers.us](mailto:joed@jadecomputers.us)

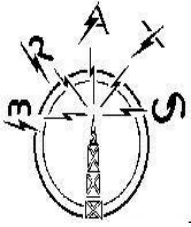
### Antique Radio Repair, Restoration

Eric, WA3TAD, Audio-Visual Service / Retro Radio, 3401 Chestnut Avenue, Baltimore, MD 21211. 410-467-3620; [wa3tad@comcast.net](mailto:wa3tad@comcast.net)

### Radio Consignment Shop at Overlea Hobbies

8411 Harford Road, Parkville, 410-665-3622. Home of fine trains, model kits, x-acto, cars, planes, ships, many radios. Yaesu FT101ZD, Kenwood TS 820S, 930S, Heathkit SB-102, National NC-183, more ... Dick, N3JWN, 410-488-2806

**WANTED:** AC Gilbert erector sets; old, new, large, small, need not be complete. CASH paid. Lewis, 410-296-4874



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The Baltimore Radio Amateur Television Society  
P.O.Box 5915 Baltimore, MD 21282-5915

## March 2009

### Local ATV Nets

#### Tuesday, 11:45 AM

Informal Net W3WVV (audio on 147.03/R)

#### Wednesday, 9 PM

CATS Net Rotating Net Control, Audio on  
147.345+

#### Thursday, 9 PM

BRATS Net Rotating Net Control, Audio on  
147.03/R

#### Saturday- 8 PM

MATS Net - KB3LNN (BRATS ATV and linked  
FM Repeaters)

### UTAH ATV

Lots of projects and links:

[http://www.ussc.com/~uarc/utah\\_atv/utah\\_atv.html](http://www.ussc.com/~uarc/utah_atv/utah_atv.html)  
(Thanks, Scott, KB3JQQ)

### Interesting Web Site

British Amateur Television Club (BATC)

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

### Next BRATS Meeting

Tuesday, March 17, 7:15 PM

Pikesville Library  
1301 Reisterstown Road

## Other Radio Club Meetings

### QCWA

Monday at Noon, Cactus Willie 7315

Ritchie Hwy, Glen Burnie

3rd Thursday, 1 PM: Old Country Buffet,

Joppa Road at Satyr Hill

Last Wednesday, 1 PM: Denny's Bel Air Rd  
at Putty Hill

### AARC

1st and 3rd Thursdays, 7:30 PM

Davidsonville Family Rec. Center, Queen

Anne Bridge Rd, Wayson Rd (147.105R)

### AMRAD

2nd Thursday, 7:30 PM,

Dolley Madison Library; 1244 Oak Ridge

Ave. McLean, VA (147.21/R)

### BARC

1st and 3rd Wednesday, 7:30 PM

12360 Owings Mills Blvd (near warehouse)

Owings Mills, MD (146.67R)

### CARA

4th Tuesday,

Gateway Center, Rm 401, 6751 Gateway Dr.

Columbia South off Rt 175 (147.135/R)

### How Do I Join The BRATS?

I want to become a member, what do I do? Just print out  
the form below and mail it with your check (Member,  
\$15; Retired/Disabled/Student, \$10; Family, \$20) to:  
BRATS, PO Box 5915, Baltimore, MD 21282

BRATS Membership Renewal: Regular=\$15; Retired/Disabled/Student \$10; Family \$20

Name \_\_\_\_\_

Call Sign  
\_\_\_\_\_

BRATS No  
\_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip  
\_\_\_\_\_

Phone \_\_\_\_\_

Email  
\_\_\_\_\_

MAIL TO: BRATS, P.O.Box 5915, Baltimore, MD 21282-5915

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