



the Milliwatt



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

November, 2009

Attention All Amateurs...

Senate Introduces Companion Bill to HR 2160

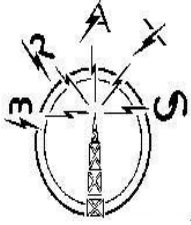
On Tuesday, October 6, Senator Joe Lieberman (D-CT), along with Senator Susan Collins (R-ME), introduced Senate Bill 1755, The Amateur Radio Emergency Communications Enhancement Act of 2009. Similar to HR 2160 -- also called The Amateur Radio Emergency Communications Enhancement Act of 2009 -- that was introduced this past April by Representative Sheila Jackson-Lee (D-TX-18), the bill, if passed, would direct the Department of Homeland Security (DHS) to undertake a study on emergency communications. S 1755 points out that "There is a strong Federal interest in the effective performance of Amateur Radio Service stations, and that performance must be given -- (A) support at all levels of government; and (B) protection against unreasonable regulation and impediments to the provision of the valuable communications provided by such stations."

FCC Issues Public Notice on Amateur Service Communication During Government Disaster Drills On Tuesday October 20, 2009 the FCC released a Public Notice clarifying the Commission's rules relating to the use of Amateur Radio by licensed amateurs participating in drills and exercises on behalf of their employers. Entitled Amateur Service Communications During Government Disaster Drills, the Public Notice addresses participation by paid employees of organizations taking part in drills. The Public Notice -- DA 09-2259 -- affirms that the Commission's rules "specifically prohibit amateur stations from transmitting communications 'in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer.'" The Public Notice states that, in order to facilitate participation by employees who wish to engage in government-sponsored drills and emergency exercises on behalf of their employers, a waiver can be requested from the WTB by the government agency sponsoring the drill or exercise (and not by the individual who wishes to participate in the drill or exercise) be filed and acted upon in advance of the drill. The waiver must be actually granted by the Commission before the amateurs participate in the drill. It is not enough to apply -- the waiver must be granted first.

California Firm Fined \$4000 for Operating on Amateur Frequencies

On September 28, the FCC issued a Notice of Apparent Liability for Forfeiture (NAL) to a California firm that the Commission maintains was using amateur frequencies to conduct business. According to the Commission, Shimmick Construction Company Inc/Obayashi Corporation, Joint Venture licensees of stations WQER756, WQEN793, WQJI360 and WQKG818 -- apparently repeatedly violated Section 1.903(a) of the Commission's Rules "by failing to operate only in accordance with the rules applicable to their particular service as set forth in the Commission's Rules and with a valid authorization granted by the Commission."

For email notifications of BRATS meetings and new issues of The Milliwatt, [join theMilliwatt Yahoo! group](#)



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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 have a meeting coming up on Tuesday, November 17. We have our famous BRATS Holiday Party on December 15. We ask you to bring family members and join us in the end -of- year revelry and great food!. But we also ask you to make a New Year's resolution to join us on January 14, February 18 (Both Thursdays) and so on during 2010; participate in the decision-making and have a say in how the club is run! We need you to attend and help us.

Thanks and 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

InfoLine: 410- 461-1212

Meetings: Irregular dates, 7:15 PM, Pikesville Library, 1301 Reisterstown Rd., Pikesville, MD.

(Please see list of meeting dates on this page)

President: Ed Rosen, N3GXH

Vice Pres: Edward Koritzer, N3DGY

Secretary: Mayer D. Zimmerman, W3GXX

Treasurer: Les McClure, W3GXT

Webmaster: Laura F, KB3LJM

Chairman of the Board: Heru Walmsley, W3WVV

Vice Chairman, Technical: Mike Dees, N3EZD

Vice Chairman, Operations: Ian Millet, N3CVA

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

7:15 PM at the Pikesville Library,

1301 Reisterstown Rd, Pikesville

On irregular dates as follows:

2009: November 17, December 15. 2010: January 14, February 18, March 15, April 15, May 13, June 17

NEXT MEETING: Tuesday, November 17, 7:15 PM

Who needs a key? iPhone app unlocks and starts car

A California company Tuesday will announce an iPhone application and car receiver that will enable users to lock, unlock and remotely start their car with the phone rather than the car's key fob. The Viper SmartStart is the latest example of automotive electronics functions migrating into Apple iPhone and other smartphones, including turn-by-turn directions or locating the closest gas station. Such ideas are a challenge for automakers and aftermarket suppliers for whom advanced auto electronics have been highly profitable. The system which works on any car with electric windows and locks, but does not require an existing remote start feature includes a receiver that is installed in the car. It's going on sale at Best Buy stores for \$499.

Three People Killed While Erecting Ham Antenna

At approximately 8:40 PM on Monday, October 12, a man, woman and their 15 year old son were killed while trying to erect a 50 foot vertical antenna at the home of the man's mother, Barbara Tenn, KJ4KFF, in Palm Bay, Florida. The deceased were not licensed amateurs. "It happened in an instant," Palm Bay Fire Marshal Mike Couture said in a statement. "It is an unfortunate set of circumstances that led to the most tragic result." According to police reports, Melville Braham, 55, Anna Braham, 49, and their 15 year old son Anthony were putting up an antenna -- Tenn's second -- at night when they lost control of the antenna and it crashed into nearby overhead power lines. The impact sent 13,000 volts of electricity through the pole the three were holding. The mother was pronounced dead at the scene. When paramedics arrived, the father and son were not breathing; rescue crews immediately tried to resuscitate them. They were transported to a hospital where they later died. Couture said that night was not the best time to be attempting to put up an antenna. "It wasn't the best time, meaning it was night time. Obviously, in darkness, and trying to do something like this and not being keenly aware of where the power line is in the backyard, [was not a good idea]," he said.

Four Radio Amateurs Killed in Plane Crash En Route to CQWW Phone Contest

Just after take-off, a twin-engine plane carrying four Amateur Radio operators crashed into the woods, only 250 yards off the end of the runway in Jedburg, South Carolina, about 20 miles northwest of Charleston. The plane -- piloted and owned by Peter Radding, W2GJ -- carried Ed Steeble, K3IXD, Dallas Carter, W3PP, and Randy Hargenrader, K4QO. The four men were on their way to the Bahamas to operate in this weekend's CQ World Wide Phone Contest as C6APR, competing in the Multi/2 category.

Hams Face New Rules on Ontario Roadways

The Ministry of Transportation in Ontario, Canada announced on September 30 that Bill 118 concerning distracted driving will take effect on October 26, 2009. According to Radio Amateurs of Canada (RAC) Vice President for Public Relations Peter West, VE3HG, the new law makes it illegal for drivers to talk, text, type, dial or e-mail using handheld cell phones and other handheld communications and entertainment devices. Following a three-month period that begins October 26, the focus will be on educating drivers; police will start issuing tickets on February 1, 2010. "All two-way radios in all vehicles with the exception of emergency responding vehicles -- must be hands-free in three years time," he posted on the RAC's blog. "This news comes from the official government staffer who has been in communications with Radio Amateurs of Canada over the last year. At the end of the three-year exemption, all commercial, CB and Amateur Radio equipment used in moving vehicles by the vehicle operator must be hands-free in operation."

The 2010 ARRL Handbook: Our Biggest and Best Ever!

With more than 60 authors and reviewers contributing over 70 percent of new or completely revised content, The 2010 ARRL Handbook for Radio Communications is the biggest Handbook ever. Since it was first published in 1926, the Handbook has been a mainstay for the radio electronic experimenter. A core resource for radio amateurs, hobbyists, engineers and scientists, the Handbook is the single most authoritative reference on practical communications topics. It is both reference book and tutorial, woven together with practical applications and solutions. The 2010 Handbook the 87th edition is both a useful introduction to radio communication and features the most current material on electronics and Amateur Radio.

IRCs: Out with the Old, In with the New < br> The Beijing Model No 2 IRC must be redeemed before December 31, 2009. The Nairobi Model IRC is now available at US post offices. It will expire in 2013. It is now time to start dumping your old International Reply Coupons (IRCs): The "Beijing Model No 2" must be redeemed before December 31, 2009. According to The Daily DX editor Bernie McClenny, W3UR, many QSL managers are now only accepting the new Nairobi Model IRC, so he advises that it is now time to start getting rid of the old IRCs and not get stuck with any! The new IRC, available in the US since September 10 and elsewhere since July, costs \$2.10 each in the US. For those in the US who will be exchanging the old version of IRCs for new ones, USPS Bulletin #22267 advises postal workers to tell customers "to exchange IRCs that expire on December 31, 2009 for the new IRC version (Item 330800) or for other postage stamps. Retail associates (RAs) can exchange unused US-issued IRCs for \$0.01 less than the value of the IRC. (The amount to exchange is the printed price of the IRC along with any additional postage affixed minus one penny.)"

VK ATV DTV TEST A SUCCESS

Amateur television down-under is going digital. Barry Robinson, VK3PV, has the details: A digital uplink test has been held at the Mt Dandenong site of the ATV repeater VK3RTV with four stations participating - VK3GMZ, VK3KHB, VK3TRX and VK3CH. This test session on Saturday the 19th of September result in all stations being received at Mt Dandenong, reports Peter Cossins VK3BFG, with no errors or pixilation. The digital uplink standard for the repeater is DVS-S Satellite. Experiments with power levels demonstrated that low power operation is possible. Mick VK3CH at Thornbury was successful with just 150 milliwatts, which must be some kind of ATV record covering a distance of 30 kilometres. The VK3RTV Controller is almost finished and it is envisaged that full Digital operations will commence around the end of the month. VK3RTV will take both analogue and digital input signals, but the output will be DVB-T, which is the standard used by commercial TV stations. The upgrade to VK3RTV was funded by Amateur Radio Victoria with the Wireless Institute of Australia also covered part of the cost through its Club Grants Program. And no matter where you might be in the world, if you operate a ham radio A-T-V repeater and have or are in the process of converting to digital operation, please drop us a note to newslines at arnewsline dot org. Include the call, location, service area and the digital standard you will be using. We will collate the data and eventually post it on our website at www dot arnewsline dot org. (WIA News via AR Newsline)

WA7BNM Contest Calendar

- Nov. 1
High Speed CW Contest
- Nov. 7-8
Ukrainian DX Contest
- Nov. 7-9
ARRL Sweepstakes CW
- Nov. 8
WAE DX Contest, RTTY
- Nov. 14-15
JIDX Phone Contest
OK/OM Contest, CW
- Nov. 14-16
CQ WE Contest
- Nov. 20
YO Int 1 PSK 31 Contest
- Nov 21-22
SARL Field Day
LZ DX Contest
ALL-Austrtrian 160 Meter
- Nov. 21-23
ARRL Sweepstakes, SSB
- Nov 23
EU PSK 63 QSO Party
- Nov 28-29
CQ WW DX Contest, CW
- Dec. 4-6
ARRL 160-Meter Contest

(Thanks, Bruce, WA7BNM)

Next BRATS Meeting

Tuesday, November 17, 7:15 PM
Pikesville Library

SILENT KEYS

Luther P. Cressman, KB3OQZ
Edwin Steeble, C6AXD, ex-K3IXD

ARRL DX Bulletin / Special Events**UNITED NATIONS HQ,**

4UxUN. UN Headquarters station 4U64UN is active until mid November in celebration of the 64th annual UN General Assembly. Activity is on all bands and modes. QSL via HB9BOU.

CHINA, BY.

David, BA4DW/4 is QRV from Dongxilian Island, AS-135. He is active holiday style on 20 meters. QSL to home call.

SOUTH GEORGIA ISLANDS.

Lars, MM0DWF is QRV as VP8DIF from Husvik on South Georgia, IOTA AN-007, until mid November. Activity is on the HF bands using CW, SSB and RTTY in his spare time. QSL via DJ9ZB.

CAMBODIA, XU.

Pete, NO2R is QRV as XU7ACY for at least a year. He is active on 40 meters using CW and will soon be active on 160 and 80 meters as well. This includes being entries in both upcoming CQWW contests. QSL via W2EN.

ZIMBABWE, Z2.

Mikhail, RW3AJX is here on work assignment for two to three years. He is licensed as Z23MS and is active on 80 to 10 meters using SSB. He may be active using PSK as well. QSL viaUA3DX.

ANTARCTICA.

Station R1ANB from the Nirny Base club has been active on 40 meters around 1330z. QSL via RN1ON.

OPERATIONS APPROVED FOR DXCC CREDIT.

The following operations are approved for DXCC credit: Nigeria, 5N0EME, 2009 operation; Nigeria, 5N0OCH, current operation (logs in LoTW); and Angola, D2QMN, current operation.

Angola Operation Approved for DXCC

ARRL DXCC Manager Bill Moore, NC1L, reports that the current Angola operation D2QMN has been approved for DXCC credit.

If you had cards that were recently rejected for this operation, please send an e-mail to the ARRL DXCC Desk and you will be placed on the list for update, Moore said.

ATV Ham Radio News: www.ac6rb.com**FM sats from Antarctica for VK and ZL**

Bill Erhardt, K7MT, will be deploying back to McMurdo Station Antarctica Nov 15, 2009 - Feb 20, 2010. Bill reports that he will be active from KC4USV Sundays 0000 GMT on SSB. He has also received requests from Europe to come in early around 1800 GMT on Saturdays so they can work Antarctica. Equipment will include a rigblaster for PSK-31 on 14.070 and CW on 14.043 if time permits. Bill is also taking an Arrow II antenna/Kenwood TH-7 to work the FM satellites to VK and ZL land. Finally, if Bill can get it operational, APRS VHF to HF with a Kam Plus. VK6CO will help with HF 30 meters with their HF APRS parameters. You just might see Bill driving out on the Ross Ice Sea as K7MT-7 in Ivan the Terra Bus. Pictures and information will be available on Bill's home web page at: <http://www.mt.net/~k7mt>. QSL is via K1IED Larry who has done a terrific job with the QSL cards from Excel spread sheets sent to him weekly from McMurdo.

SPECIAL EVENT November 7

The ARINC ARC will be activating a special event station on November 7th from 08:00 to 17:00 to commemorate the 80th anniversary of ARINC, INC. and the fact that the club call sign, W3ZH was formerly the call sign of Herbert Hoover Jr. Hoover was a founder of ARINC, a past president of ARRL, and the son of US President Herbert Hoover. The primary station will be the station at ARINC headquarters in Annapolis, MD, but the other satellite facilities may also activate a station using the call sign W3ZH/#. ARINC ARC will be issuing a special certificate / QSL along with the standard ARINC ARC QSL card. For more information, contact Kurt Fritsch WA3TOY at arswa3toy@verizon.net.

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)

Free IARU Locator Maps

Free IARU locator maps are available in PDF format for downloading. Maps are available for many nations on all continents. The US map include Hawaii and Alaska. You can find them at <http://iarumapsrussia.webs.com>

UTAH ATV

Lots of projects and links:

http://www.ussc.com/~uarc/utah_atv/utah_atv.html
(Thanks, Scott, KB3JQQ)

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at the Pikesville Library.

HAM TV Website Announcement [eham.net]

There is now a Amateur Radio streaming video site on the web. www.hamtv.org
Ham Radio TV Events, Communication & Electronics History Webcast With High Speed Internet And Windows Media Player is located at <http://www.hamtv.org> . Providing a dedicated high performance server with plenty of bandwidth to the amateur radio community free of charge. If your amateur radio club or organization or equipment manufacture has amateur radio related digital video to donate, please send a link for downloading to Robert Koch, wa6uvv@arrl.net with the subject line consideration to be webcast .
Formats accepted are in english 320 X 240 Windows Media, FLASH, MOV, Mpeg 1, Mpeg 2, and Real Video. at 500 Kbps. or Greater for conversion.
<http://www.hamtv.org/>

VE EXAMS**BARC VE EXAMS for 2009**

at BARC Clubhouse 12360 Owings Mills Blvd. Owings Mills
Register: 1 PM, Exams begin 2 PM. Free (Laurel VEC)
Saturday: 11/7; n3wke@arrl.net (Thanks, N3YI)

BARC VE EXAMS Scheduled for 2010

Sunday, Jan 3; Saturday, Feb 6; Saturday, Mar 6; Sunday, Apr 12;
Saturday, May 1; Saturday, Jun 5; Sunday, Jul 11; Saturday, Aug 7;
Saturday, Sep 4; Sunday, Oct 3; Saturday, Nov 6; Saturday, Dec 4

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;

28 November 2009

Pat Stone, AC3F, 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)

Complimentary Wi-Fi Service

now available at all Barnes & Noble stores. No fees. No charges. Just log on.

SKYWARN Class

Basics I -- Nov. 9, 6:00 PM

Charles Co. Government Bldg
Commissioners Meeting Rm.

200 Baltimore Street

La Plata, MD 20646

Jen Adams (301) 609-3430

adamsjen@charelescounty.org

or

Michelle Lilly (301) 609-3429

lillym@charlescounty.org

milliwatt swap shop

ads are free and get results!

Send ad to: BRATS, P.O. Box 5915
Baltimore, MD 21282-5915, or email
to w3gzk@verizon.net

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: 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

FOR SALE: ICOM T2H 2 mtr HT with charger, belt clip, rubber ducky, manual, asking \$80. K3BCD, 410-866-5441 or ywm@comcast.net

FOR SALE: A bunch of meters. \$10; Dipole with insulators, and nylong line, \$10; Homebrew SWR bridge 2mtrs/440, \$10; Panoramic adaptor BC 1031C, \$40; Millen antenna matching pre-amp with 27-32 MHz plug-in, \$5; Call Ted, W3OWN, 410-668-5580, leave message, I will call back.

SPECIAL DEAL: ICOM BC-110 battery charger, 12vDC, 200 mA, for ICOM T8A or similar misplaced it, ordered a new one, then found it. Almost new, cost \$46, make me a reasonable offer. Mayer, W3GXX w3gzk@verizon.net

For Sale: Altronix AL600 Series Power Supply / Battery Charger. Unit delivers 12 VDC at 6A from 120 VAC in, or from battery backup. Battery Not Included. Asking \$75.00 or Best Offer. Kurt WA3TOY arswa3toy@verizon.net or 410-360-2260

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JADE COMPUTERS

1009 Ingleside Ave., Baltimore, MD 21228
443-677-4187; joe@jadecomputers.us webpage design, hosting, order PC on-line <http://www.jadecomputers.us>

VTS - Videotaping Service

Video, DVD duplications, video tape transferred to DVD; standards, conversions, call VTS toll free: 1-877-891-1002. BRATS member Bob Shapiro, K2MYS. <http://www.videotapingservice.com>

Antique Radio Repair, Restoration!

Eric, WA3TAD, audio-visual service, retro radio, 3401 Chestnut Ave. Balto. 21211. 410-467-3620; wa3tad@comcast.net

Overlea Hobbies; Radio Consignments

8411 Harford Rd. Parkville; 410-665-3622 fine trains, model kits, x-acto, cars, planes, ships, many radios: Yaesu FT-101ZD, Kenwood TS 820S, 930S, Heath SB-102, National NC 183, more. Dick, N3JWN, 410-488-2806

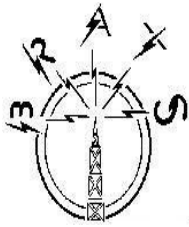
WANTED: AC Gilbert erector sets: old, new large, small, need not be complete, **CASH PAID.** Lewis, 410-296-4874

WANTED: AT-930 for a TS930S. Please send condition and price. Jerry. jerrymcf@sbcglobal.net

WANTED to BORROW: Shipping container for Kenwood TS-850S. Will pick up, or ship it to me. Will return it after I get my rig back from Kenwood. 410-668-5580. If not there, leave a message. Ted, W3OWN

<p>ATTENTION: if you do NOT want your ad to run again, please send me an email and let me know. Thanks! w3gzk@verizon.net</p>

WANTED: Your ad for this space. Send copy to w3gzk@verizon.net



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More BRATS meetings on the following dates: 2009: Tuesday, December 15 (Holiday Party) 2010: Thursday, January 14; Thursday, February 18; Monday, March 15; Thursday, April 15; Thursday, May 14; Thursday, June 17.

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)

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
