



the Milliwatt



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

January, 2009

FCC Calls on Amateur Radio Service for Assistance with Digital TV Conversion

Earlier this week, the ARRL received a request from the FCC asking that ARRL members to provide technical educational assistance to their communities concerning the FCC-mandated digital television (DTV) conversion scheduled for February 17, 2009.

South Africa to launch satellite

South Africa's second satellite carrying an amateur radio element is now scheduled to be launched on 25 March. SumbandilaSat will carry an FM voice repeater with an uplink in the 2 metre band and a downlink in the 440MHz amateur allocation. Also on board will be a store and forward voice digipeater. This unit acts as a parrot, immediately repeating back transmissions beamed to it in the same way a packet digipeater repeats back data. Finally, there will also be a beacon system. It will be voice rather than the more common Morse. More details can be found at www.amsatsa.org.za. [RSGB]

DAYTON HAMVENTION 2009: AWARDS NOMINATIONS SOUGHT

The Dayton Hamvention now is accepting nominations for its 2009 Radio Amateur of the Year, Special Achievement, and Technical Excellence awards. The Radio Amateur of the Year Award is presented to an individual who has made a long-term, outstanding commitment to the advancement of Amateur Radio. The Technical Excellence Award is for the person who has made an outstanding technical advancement in the field of Amateur Radio. The Special Achievement Award honors someone who has made an outstanding contribution to the advancement of Amateur Radio by spearheading at least one significant project. All amateur radio operators are eligible. The Hamvention Awards Committee makes the decision on all awards based in part upon the information it receives and not on the number of nominations submitted for a given individual. Documentation that informs the Awards Committee of a candidate's accomplishments may include magazine articles, newsletters, newspaper clippings, and even videos. These materials become the property of Hamvention and cannot not be returned. The deadline for nominations is February 18, 2009 with the winners recognized next May at the Hamvention. Additional details on these awards and a nomination form are available on the Dayton Hamvention Web site at www.hamvention.org. Nominations also are accepted via U-S mail to Dayton Hamvention Awards, PO Box 964, Dayton, Ohio, 45401. (DARA)

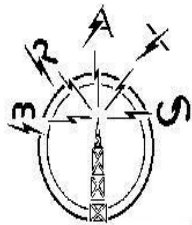
Congressional Committee Members Release Report Lambasting FCC Chairman Kevin Martin

On Tuesday, December 9, the House Committee on Energy and Commerce -- the congressional committee that oversees the Federal Communications Commission -- released its majority staff report "on the bipartisan investigation of the FCC's regulatory processes and management practices." The report -- *Deception and Distrust: The Federal Communications Commission under Chairman Kevin J. Martin* -- stated that the investigation was prompted "by allegations to the effect that [FCC] Chairman Kevin J. Martin has abused FCC procedures by manipulating or suppressing reports, data and information."

BRATS Holiday Party Success, All Re-elected!

December 16 saw all the officers and board members re-elected during our fabulous holiday party. Half of the Board will continue through December, 2009, while the rest of the board will be extended through December, 2010. (See lists of Board members and officers on page 2.)

Happy New Year to All!



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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

The new year is once again upon us. Time passes quickly when you are having fun. Join us on the repeaters for our nets and at our monthly meetings and have fun! We need your help and participation. Help us by suggesting and even presenting programs for our monthly meetings. Help us by preparing with us for our annual hamfest in July,. Help us by coming to repeater repair sessions. We need YOU! Thanks and may the new year bring us all a year of good health and happiness.
73, Mayer, W3GXX

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

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+

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, Grant, KA3CEA

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: KB3JQQ

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, January 20, 7:15 PM

Pikesville Library

1301 Reisterstown Road, Pikesville

Please Plan to Join Us!

Delta to offer in-flight Internet on East Coast shuttle flights

Delta Air Lines will be the latest domestic airline to offer in-flight Internet for passengers, launching paid Wi-Fi service on Tuesday on its East Coast shuttle flights. The Atlanta-based airline will initially introduce GoGo, an Internet service operated by Aircell, on five MD-88s flying the New York LaGuardia-Boston Logan and New York LaGuardia-Washington Reagan routes. A Boeing 757-200 is also equipped with GoGo. Passengers on the shuttle flights can expect about 40 minutes of Internet surfing time, says Chris Babb, a Delta product manager. The carrier plans to add "a plane every two or three days" with the goal of equipping its entire mainline domestic fleet by the end of next year, Babb says. The service will cost \$9.95 for flights less than three hours and \$12.95 for longer flights. As a promotion, Delta's new service will be free for the first two weeks.

RadioShack to sell \$100 netbook

We've seen a recent wave of the new small and light laptops known as netbooks, produced by the likes of HP, Asus and others. Starting Sunday, RadioShack will sell the 2.44-pound Acer Aspire, one mini-laptop at the awfully aggressive price of \$100, provided you also sign up for a two-year AT&T DataConnect mobile broadband plan. The lightweight machine includes integrated 3G wireless. The Acer also has an 8.9-inch screen, built-in Web cam and 160 GB hard drive. It uses Intel's energy-efficient Atom processor. One recent indication of netbook popularity comes out of the UK. According to Hitwise Client Intelligence, the netbook category accounts for 1 out of every 7 computer searches over there.

Get Ready for the ARRL Triple Play WAS Award

As of January 1, 2009, the ARRL will offer another award: The Triple Play Worked All States Award. This new, exciting award is available to all amateurs who confirm contacts with each of the 50 states using three modes for each state: CW, phone and RTTY/digital. All 150 contacts must be made on or after the starting date and must be confirmed via Logbook of the World (LoTW). All bands -- with the exception of 60 meters -- may be used in pursuit of the Triple Play Award.

Study: Google uses 21 times more bandwidth than it pays for

-0 q2w Some of us burn up more of the Internet's bandwidth than others. Take Google. The search giant consumes far more of the Internet's traffic lanes than it actually pays for. That's the conclusion of a provocative study released by tech industry analyst Scott Cleland. In fact, the analysis shows Google is by far the largest user of Internet bandwidth, and that Google's bandwidth use is orders of magnitude greater than its payments for its cost. Cleland is president of Precursor, a leading tech research firm, and was named an Institutional Investor Magazine top independent telecom analyst in 2004 and 2005.

Here's what he found:

- Google is by far the largest user of Internet bandwidth, generating 16.5% of all U.S. consumer Internet traffic in 2008; Google's share will grow to 25% in 2009 and 37% in 2010.
- Google in 2008 has paid approximately \$344 million toward the operating cost of the part of the Internet used by U.S. consumers using its services; but =that's \$6.9 billion short of what it costs to supply the bandwidth burned up by Google's highly profitable operations.

Cleland's 27-page study lays out an extensive argument why Google rightly should cover more of the cost. "The core conclusion of the study is that any sustainable national broadband policy must ensure that the heaviest Internet users pay their fair share of Internet infrastructure costs," Cleland says. "It is neither economically rational nor equitable for the biggest users of, and beneficiaries from, shared resources to not share fairly in the recovery of costs."

Frequency Change for Canadian Time Transmission Station CHU

After 70 years of broadcasting Canada's official time, the National Research Council's shortwave station CHU will move the transmission frequency for the 7335 kHz transmitter to 7850 kHz. The change goes into effect at 0000 UTC on January 1, 2009.

ARRL HQ Welcomes New Membership Manager

The ARRL is pleased to welcome Membership Manager Diane Petrilli, KB1RNF, to the Headquarters staff in Newington. Petrilli's key areas of responsibility include programs and activities that directly affect membership growth, engagement and retention. Petrilli is taking over the position from Katie Breen, W1KRB. Breen left in October.

FlexRadio Donates Software Defined Radio to W1AW

Thanks to the generosity to the crew at FlexRadio Systems, W1AW, the Hiram Percy Maxim Memorial Station, now boasts the newest in software-defined radio (SDR) -- a FLEX 5000A. FlexRadio Vice President John Basilotto, W5GI, visited ARRL Headquarters on December 8 to present the radio.

The K7RA Solar Update

Finally! A sunspot group appeared this week, about three weeks since the last group disappeared. The first spotless day after sunspot group 1008's last appearance was Tuesday, November 18; the last spotless day before group 1009 emerged was Tuesday, December 9. As expected, this was another Solar Cycle 24 group, emerging far south of our Sun's equator.

New 7MHz band plan starts 29 March

At the recent IARU Region 1 Conference in Cavtat, Croatia, a new advisory band plan was adopted for the 7MHz band to be effective from 29 March 2009. This is the date by which broadcast stations should have vacated the 7.1 to 7.2MHz segment. It then becomes an amateur primary allocation in accordance with the decision of WRC 03. On the final day of the Conference, elections were held for the Executive Committee. The new President of Region 1 is Hans Blondeel Timmerman, PB2T and the new Secretary is Dennis Green ZS4BS The outgoing Secretary, Don Beattie, G3BJ, was awarded the Roy Stevens trophy for distinguished service to the Region over the years. The station 9A0IARU was active over the period of the conference. The next Region 1 conference will be held in Sun City, South Africa in September 2011. [RSGB]

Blind Pilot Guided To Safety By The RAF

Britain has a good run of stories this month. Cessna pilot Jim O'Neill had a lucky escape. The 65-year-old was flying solo from Scotland to Essex when he suffered a stroke that put pressure on his optic nerves, causing instant blindness. He broadcast a mayday call and attempted to land at Full Sutton Airfield. He could not land, so RAF Linton-on-Ouse scrambled a Tucano trainer to help him. The RAF pilot flew next to him and guided him to the base via voice instructions over the radio. Station Commander Grp. Capt. Mark Hopkins, said to BBC News: "Shepherding aircraft in this way is something we do from time to time, but this is a very strange case. I'm proud we could get him to the ground safely." Mr O'Neill said: "I should not be alive. I owe my life - and those of dozens of people I could have crash-landed on - to the RAF. It was terrifying. Suddenly I couldn't see the dials in front of me".

WB9MMM, Silent Key

From: John Watson

Subject: Passing of Gene Harlan of ATVQ

Hello Guys--

I was very sad to learn this morning from Bill, N3DCI, that Gene Harlan became a silent key the day before Thanksgiving. As you all know, Gene was a real friend to ATVers and was the publisher of ATVQ magazine. The information Bill, N3DCI, sent me is below:

Subject: WB9MMM SK

From: Dennis G. Eksten

Gene Harlan, WB9MMM, a well known Rockford ham and known nationally for his work in ATV, passed away early Wednesday morning. Gunnel and I saw him his XYL Shari, N9SH, at the Rockford Amateur Radio Association picnic this past summer. Gene had ALS (Lou Gehrig's disease) and was in a wheel chair at that time. He tried to talk to me but his speech was not intelligible. Later, I surmised he was trying to tell me he was the photographer of the picture posted in QST regarding the 50th reunion (organized by Don, AE5K) of our hamfest Field Day that originally met in 1955. Gunnar Ohlson--K9WTS, later W6YB, originally an SM3 from Östersund Sweden, became a Silent Key a number of years ago--was at the original Field Day.

Last week Gary, K9LJN, told me that they had just put a feeding tube in WB9MMM. He was only about 63 years old when he died!

Today's (Nov. 28, 2008) Rockford Register Star (www.rrstar.com >) still has no obituary of WB9MMM's passing.

73, Dennis de W9SS, ex-W9DDL

Bill also provided me with a link to another website regading Gene that had a recent picture of him (wheelchair bound) at a special tribute for him before he died. Go to:

<http://www.rrstar.com/communities/x1751708055/Concert-pays-tribute-to-Rock-River-Valleys-veterans>

John, NY3K

WA7BNM Contest Calendar

- Jan 1
SARTG RTTY Contest
AGCW Happy New Year
NCC Sprint
- Jan 3-4
ARRL RTTY Roundup
EUCW 160-Meter Contest
- Jan 9
NCC Sprint
- Jan 10
NCC Sprint
Midwinter Contest, CW
- Jan 10-11
Hunting Lions in the Air
MI QRP Jan. CW Contest
NA QSO Party, CW
- Jan 11
NRAU-Baltic Contest, CW
NRAU Baltic Contest, SSB
DARC 10-Meter Contest
- Jan 17
NCC Sprint
LZ Open Contest <
- Jan 17-18
Hungarian DX Contest
UK DX Contest, RTTY
NA QSO Party, SSB
- Jan 17-19
ARRL Jan. VHF Sweepstakes
- Jan 19
Run for the Bacon QRP Contest
- Jan 23
NCC Sprint
- Jan 24-25
CQ 160-Meter Contest, CW
REF Contest, CW
BARTG RTTY Sprint
UBA DX Contest, SSB
SPAR Winter Field Day
- Jan 30
NCC Sprint
- Jan 31
SARL Youth Day Sprint
(Thanks, Bruce, WA7BNM)

ARRL DX Bulletin**QATAR, A7.**

Juma, A71EM has been active on 160 meters around 0000 to 0100z. QSL via EA7FTR.

CROZET ISLAND, FT/W.

Florentin, F4DYW is QRV as FT5WO for one year while on work assignment. Activity will be in his spare time. QSL to home call.

LAOS, XW.

Bruce, XW1B will soon be QRV. Activity will be on 160, 80 and 40 meters. QSL via E21E1C.

ARRL DX Bulletin**BALEARIC ISLANDS, EA6.**

Pedro, EA6TS is generally active on 80meters using CW around 2200z each day. QSL to home call.

ANTARCTICA.

Look for Nicolas to be QRV as FT5YI from the Dumont d'Urville Base on Adelie Island, IOTA AN-017, on 20 meters aroundaround 1500 to 1700z. QSL via F4EGX.

LEBANON, OD.

Salvo, IV3YIM is QRV as OD5/IV3YIM until April 20,2009. Activity is generally on 80 to 10 meters using SSB with apossibility of some CW, RTTY and PSK. QSL to home call.

GEORGIA, 4L.

Andy, UU4JMG is QRV as 4L/homecall and is usually active on 160 meters around 2200 to 0300z, as well as 40 and 20meters using CW. QSL to home call.

IRAN, EP.

Moshen, EP3SMH is generally active using RTTY on 20meters around 1400z.

CROZET ISLAND, FT/W.

Florentin, F4DYW will be QRV as FT5WO from the French Alfred Faure Base, IOTA AF-008, from December 8 to November 30, 2009. Activity will be mostly on 40, 20 and 15 meters andpossibly 80 meters. QSL direct.

GUINEA-BISSAU, J5.

Peter, HA3AUI is QRV as J5UAP and has beenactive on 20 meters around 0830z and 17 meters around 1010z. QSL to home call.

UGANDA, 5X.

Graham, 5X1GS has been active on 80 meters around 1945 to 2100z. He may also be active on 160 meters. QSL via WB2YQH.

QATAR, A7.

Juma, A71EM has been active on 160 meters around 1730z, 80 meters around 1800z and 40 meters around 1900z. QSL via EA7FTR.

PAKISTAN, AP.

Tariq, AP2TN has been active on 40 and 20 meters around 1300 to 1500z. QSL via DJ9ZB.

ETHIOPIA, ET.

Abel is QRV from the E.A.R.S. club station ET3AA and has been active on 15 meters around 0900 to 1230z. QSL via operator's instructions. dt>

LEBANON, OD.

OD5NJ has been active on 40 meters. QSL via EA5BYP.

ANTARCTICA.

Paul, ON3PC will be QRV as OP0LE until mid February 2009 from the new Belgian Antarctic station "Princess Elisabeth" on Dronning Maud Land.

PAPUA NEW GUINEA, P2.

Norm, P29NB has been active on 6 meters around 0045z.

BURKINA FASO, XT.

David, XT2MSF has been QRV on 20 meters using PSK around 2130z and then on 30 meters around 2300z. QSL via F5CWU.

CAMBODIA, XU.

Peter, NO2R will be QRV as XU7ACY from Sihanoukville beginning December 15. Activity will be on 160 to 10 meters using CW and SSB, with an emphasis on 160 and 80 meters. His length of stay is unknown. QSL via W2EN.

SRI LANKA, 4S.

Nelson, 4S7NE is generally QRV on 160 meters daily between 2345 and 0015z. He is then active on 40 meters around 0130z. QSL direct.

Hamfests and Events

Wednesday, January 21, 2009 Timonium, MD
BARC Mini-Fest, at the Fairgrounds, 5-10 PM, but you clean up (146.67/R)

Sunday, January 25, 2009 Odenton, MD
MMARC Hamfest. Odenton Volunteer Fire Department Hall; 1425 Annapolis Blvd (Rte 175); Frank, N3SEO, n3seo@aol.com (146.805/R) 410-647-3335

Feb. 7, 2009: Richmond Hamfest
Richmond Raceway Complex, 600 East Laburnum Ave. Richmond. 146.88/R 540-872-5949;
casdeb@earthlink.net

Feb 22, 2009: Winterfest,
Northern VA Community College, 8333 Little River Tpke, Annandale, VA by Vienna Wireless Society, 703-534-2081 146.79/R; wa4qms@arrl.net

Fri-Sat, March 13-14, 2009: SWL Fest, Kulpsville, PA
The 22nd Annual Winter Shortwave Listener (SWL) Fest, will be held on Friday March 13 and Saturday March 14, 2009, at the Inn at Towamencin in Kulpsville, PA (30 minutes north of Philadelphia). The gathering is sponsored by the North American Shortwave Association (NASWA). The convention is the largest gathering of listeners to the radio spectrum in the United States, and covers longwave, mediumwave, shortwave broadcasts, utilities, pirates, VHF/UHF, FM, scanners, television and satellites. About 200 hobbyists and broadcasters from around the world attend each year. Activities include forums, silent auction, vendors, swap meet, guest speakers, banquet, awards, and door prizes that include top line radios. For more information on forums, activities, directions, registration and hotel, visit <http://www.swlfest.com>

March 28-29, 2009 Timonium, MD,
Greater Baltimore Hamboree and Computerfest; 146.67/R; by BARC <http://www.gbhc.org>; 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

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

Sunday, January 4, 2009
Saturday, February 7, 2009
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 (Thanks, N3YI)

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)

DXCC Desk Approves 3 Operations

ARRL DXCC Manager Bill Moore, NC1L, reports that the following operations have been approved for DXCC credit: Wake Island -- WA2YUN/KH9 (for operations commencing 2007); Willis Island -- VK9DWX (2008), and Andaman and Nicobar Island -- VU4RG (2008). "If you had cards rejected for the Wake Island operation, please send an e-mail to the ARRL DXCC Desk and you will be placed on the list for update," Moore said.

Next BRATS Meeting

Tuesday, January 20, 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 w3gzk@verizon.net

ATTENTION: if you do NOT want your ad to run again, please send me an email to that effect.
Thanks! w3gzk@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 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

WANTED: 6-Meter all-mode transceiver, Kenwood TS660 or equivalent. Neil, W3ZQI, 410-765-8439, days, or 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, W3GXX, 410-786-6839 or w3gzk@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

FREE: Schematic for ICOM 2AT. If you need one, I will be happy to copy it and mail it to you. Mayer, W3GXX
w3gzk@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, W3GXX 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

Antique Radio Repair, Restoration

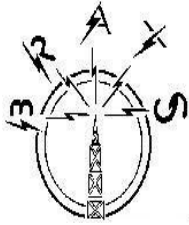
Eric, WA3TAD, Audio-Visual Service / Retro Radio, 3401 Chestnut Avenue, Baltimore, MD 21211. 410-467-3620; wa3tad@comcast.net

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

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



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

January 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
(Thanks, Scott, KB3JQQ)

Interesting Web Site

British Amateur Television Club (BATC)
<http://www.batc.org.uk>

Next BRATS Meeting

Tuesday, January 20, 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

