



the Milliwatt



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

October, 2009

Amateurs with General Class Licenses to be Granted Reciprocal Licenses in Some CEPT Countries

On Thursday, September 10, the Federal Communications Commission released a new Public Notice implementing changes in CEPT reciprocal operating arrangements for US citizens who hold an FCC-issued General, Advanced or Amateur Extra class Amateur Radio licenses. DA-09-2031 continues to allow US licensees to utilize temporarily an amateur station in a European Conference of Postal and Telecommunications Administrations (CEPT) country that has implemented certain recommendations with respect to the United States, subject to the regulations in that country and implements recent changes in the agreement.

FCC Chairman Announces Enforcement Bureau Chief

Federal Communications Commission Chairman Julius Genachowski announced on September 9 that he has appointed P. Michele Ellison as Chief of the Enforcement Bureau. Ellison will take the helm of the Enforcement Bureau starting on September 28, 2009. Protecting and empowering consumers through effective and timely enforcement of the Commission's rules and policies is a top priority for the FCC, said Chairman Genachowski. Michele is a talented leader with vast communications experience and sound legal judgment, and I look forward to working with her in her new capacity.

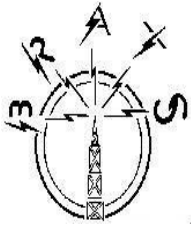
HR 2160 Gains Three More Cosponsors

On September 10, three more Congressmen—Geoff Davis (R-KY-4), Bill Posey (R-FL-15) and Michael Turner (R-OH-3)—pledged their support for [HR 2160](#), *The Amateur Radio Emergency Communications Enhancement Act of 2009*, bringing the total number of cosponsors to 24, including original sponsor Sheila Jackson-Lee (D-TX-18). HR 2160 is also sponsored by W. Todd Akin (R-MO-2), Michael Arcuri (D-NY-24), Roscoe Bartlett (R-MD-6), John Boozman (R-AR-3), Madeleine Bordallo (D-Guam), Bob Filner (D-CA-51), Bart Gordon (D-TN-6), Brett Guthrie (R-KY-02), Maurice Hinchey (D-NY-22), Michael Honda (D-CA-15), Mary Jo Kilroy (D-OH-15), Zoe Lofgren (D-CA-16), Blaine Luetkemeyer (R-MO-9), Thaddeus McCotter (R-MI-11), Charlie Melancon (D-LA-3), Dennis Moore (D-KS-3), Bennie Thompson (D-MS-2), Peter Welch (D-VT), David Wu (D-OR-1) and Don Young (R-AK). Click [here](#) for information on how to encourage your Congressional representative to sponsor HR 2160.

Ham Appointed Chief of Army MARS

On Friday, September 25, veteran Army communicator Jim Griffin, KE7LJA, became Chief of the Army Military Affiliate Radio System (MARS). Major General Susan Lawrence, Commanding General of the 9th Signal Command (Army), named Griffin to succeed Stuart Carter; Carter has held the Chief's post since December 2006. MARS, the Defense Department-sponsored organization of Amateur Radio operators who volunteer for communications support in emergencies, is a component of the 9th SC(A).

For email notifications of BRATS meetings and new issues of The Milliwatt, [join the Milliwatt 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

It is sad to see two amateur radio equipment manufacturers going out of business. When was the last time you purchased a new piece of gear? Fortunately, both Icom and Yaesu make aircraft band transceivers; Kenwood makes a lot of commercial walkies. It does not look like any of them they will go out of business soon. But you never can tell. The time to buy a new radio or antenna is NOW! Do it while you still can.

73, Mayer, W3GXX

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

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

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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: October 13, November 17, December 15. 2010:

January 14, February 18, March 15, April 15, May 13,

June 17

NEXT MEETING: Tuesday, October 13, 7:15 PM

New security flaws unmasked in Vista, Windows 7

Microsoft has just issued [security patches](#) for six critical Windows flaws. It's part of Patch Tuesday, the second Tuesday of every month, when the software giant issues security updates for its operating software.

This comes as a researcher named [Laurent Gaffie](#) points to fresh, unpatched flaws in Windows Vista and Windows 7. Threatpost blogger Dennis Fisher [reports](#) that there already is a proof of concept program circulating that would enable an attacker to remotely crash vulnerable machines via the flaws uncovered by Gaffie.

Two of today's patches resolve weaknesses in how Windows handles ASF and MP3 media files. It's a simple matter for a hacker to install a corrupted ASF or MP3 file on a legit web page. Then, all a user would have to do is visit a compromised Web site hosting one of these malicious files, and they would become infected, says Ben Greenbaum, senior research manager for Symantec Security Response. This is yet another way for hackers to circulate bad links, [as reported in this story](#).

Other patches released today are designed to stop hackers from sending specially crafted packets to your Windows Vista PC or a Windows 2008 server to take over control, says Jason Miller, security and data team manager for Shavlik Technologies.

Bottom line for home users: make sure your Windows auto-update program is enabled and install the latest patches - and cross your fingers that cyber criminals don't try to exploit the Vista flaw before Microsoft can come up with a patch.

South African Amateur Radio Payload Reaches Orbit

After several delays, South Africa's [SumbandilaSat](#) satellite finally blasted to orbit aboard a *Soyuz* rocket from the [Baikonur Cosmodrome](#) in Kazakhstan on September 17. The main payload is a multi-spectral imager, but the satellite also carries an Amateur Radio component consisting of a 2 meter/70 cm FM repeater. After SumbandilaSat is fully commissioned, the repeater will be activated with an uplink at 145.880 MHz and a downlink at 435.350 MHz; there will also be a voice beacon at 435.300 MHz. The transponder mode will be controlled by a CTCSS tone on the uplink frequency. The CTCSS tone frequencies have yet to be announced. SumbandilaSat was sponsored by the Department of Science and Technology and was built at [SunSpace](#) in cooperation with the [Stellenbosch University](#). In addition to the SA-AMSAT amateur module, the satellite carries Stellenbosch University's radiation experiment and software defined radio (SDR) project, an experiment from Nelson Mandela Metropolitan University and a VLF radio module from the University of KwaZulu-Natal.

Alpha Radio Products Now RF Concepts

On September 15, Michael Seedman, AA6DY, announced that his company, [RF Concepts](#), had purchased Boulder, Colorado-based [Alpha Radio Products](#). Seedman explained in a [press release](#) that when he contacted Alpha to purchase a new amplifier, he was disappointed to learn that I would not receive it for months. He was told that as each amplifier is made by hand, there was not enough shelf inventory to send a new one right away. Working with Alpha Products president Molly Hardman, WOMOM, we created a way to capitalize the company in order to put amplifiers in inventory for immediate availability. Customers will no longer have to wait weeks or months to add an Alpha product to their station. Seedman said that RF Concepts will focus on shipping our backlog of Alpha amplifiers and building sufficient product to ship from stock. We will honor our existing customer commitments including warranties, customer and technical support and repairs and keep our extensive parts inventories to support the more than 10,000 Alpha amplifiers in the market. Hardman will be staying on as Vice President of Sales for RF Concepts.

Manufacturer of Texas Bug Catcher Antenna to Cease Operations

After October 31, 2009, GLA Systems the manufacturer of the [Texas Bug Catcher antennas](#) will cease taking orders for new antennas; according to their Web site, all orders received before that date will be filled. Effective November 1, only orders for items that are in stock at the time will be accepted. Effective December 31, 2009, the toll free line, 1-800-588-2841, will be discontinued. No reason was given for the closure, but on GLA's Web site, owner Henry Allen, K5BUG, said "It has been a fun 30 years, but it is time to hang it up. I would like to thank everyone who has made this experience possible."

Photo messaging finally comes to iPhone

AT&T says multimedia messaging (MMS) will be available on the Apple iPhone starting Sept. 25. The feature, which allows users to attach video clips and such to emails, will be enabled by a software update on that day, says AT&T, the exclusive U.S. distributor of the iPhone. Why wait? Two words: Network capacity. AT&T says smartphone growth, led by the iPhone, has resulted in an explosion of traffic on its wireless networks. According to AT&T, usage of its wireless networks is up 350% year-over-year over the past two years, and shows no signs of abating. The company is adding extra equipment to handle the expected MMS load. AT&T is the exclusive U.S. distributor of the iPhone. One thing you still won't find on the iPhone: tethering. The feature, which is popular in iPhone markets around the world, permits consumers to connect their device to a PC and use it like a modem. AT&T spokesman Mark Siegel says network capacity is the issue, noting that iPhone owners are very intensive data users. Translation: AT&T isn't prepared for the nationwide capacity drain that might occur once that feature is enabled. Siegel says AT&T does plan to eventually offer tethering, however. When? He wouldn't say. We're not announcing it yet. But when we're ready, we will, of course.

Should airlines let passengers make calls via Wi-Fi?

Roger Flessing was on an American Airlines flight to Seattle recently when he began speaking with his son on his iPhone. Unsure of how his action might be received by others, the Tacoma resident says he spoke discreetly. But soon, he says, flight attendants were leaning over, asking for a demonstration on how to make calls on their mobile phones. They were saying, "Wow this is great. We have to check our schedule, and we couldn't do that before," says Flessing, who flies often for his job as a communications executive for the non-profit relief organization World Vision. Flessing wasn't making a conventional cellphone call. He was using Truphone, which allows smartphones to use wireless, or Wi-Fi, connections to make calls. The technology is known as Voice over Internet Protocol or VoIP. Flessing also booted his laptop and videoconferenced with his brother using Skype, another VoIP application. He turned his computer to face the window so his brother could see the clouds. My brother says, "How are you doing this?" It's a question that domestic airlines will have to answer with more clarity if they plan as they say they do to block phone calls during flight now that Wi-Fi is accessible on about 600 planes in the USA and passengers can talk online as Flessing did.

It's a controversial issue that's triggering fierce debate among travelers, airlines and regulators. Federal regulations prohibit in-flight cellphone use but not Internet-based phone calls lest they interfere with flight operations and create congestion in ground cell towers. A bill in Congress seeks a similar ban on all in-flight voice communications by passengers.

It's all the more controversial because airlines in Europe, Asia and the Middle East allow calls and have even taken it a step further by introducing pay-by-minute cellphone service using satellites.

Americans are split about in-flight mobile phones, a survey by the Department of Transportation's Bureau of Transportation Statistics found. About 45% said cellphones should be banned on aircraft. About 40% said they should definitely or probably be allowed if they don't pose a safety threat, according to the survey, which queried about 1,000 households.

A chief concern is the in-cabin noise level. Some fear that people may carry on long conversations on their cellphones. And people generally talk louder on cellphones because they can't hear their own voices unlike on landlines, which have a device that amplifies your voice and replays it through your earpiece. -- **Ban on talking isn't ironclad** -- Although in-flight Internet is provided by third-party vendors, U.S. airlines make their own decisions on Wi-Fi phone use.

Currently, two companies in the USA offer in-flight Internet service: Chicago-based Aircell and California-based Row 44. Both companies say the airlines have asked that Internet-based phone calls be blocked.

But Flessing isn't alone in discovering that this ban is hardly ironclad. Many fliers have blogged about their experience of Internet phone calls, even as airlines say they have the technology to block it.

(Passengers using VoIP calls) is such a minute percent of people, says John Happ of Aircell. It has a particular footprint. We can snuff it out.

Still, Happ says it's a cat-and-mouse game that entails trying to keep up with new software makers and passengers who can bypass the ban. It's an ongoing process.

Frederick St. Amour, a business development executive at Row 44, says travelers making Internet phone calls create competition for bandwidth that could result in slower speed for other passengers. Airlines could even consider charging for Internet-based phone calls because the service demands extra bandwidth, he says. --

Passengers overseas are talking -- Other countries aren't so prudish about in-flight cellphone use.

The Geneva-based firm OnAir and the London-based vendor AeroMobile now offer technology to several international airlines that uses satellites to beam voice transmission to ground cell towers.

Emirates became one of the first airlines to offer cellphone service when it installed AeroMobile's technology in March 2008. It's now available on about 50 Emirates aircraft, says Steve Double, an AeroMobile spokesman.

Malaysian Airlines is another customer testing it, and about half a dozen other airlines will announce the service in the coming weeks, Double says. The service costs about \$2 a minute, not including any out-of-country charges imposed by the user's wireless carrier.

OnAir has installed its equipment on about 55 aircraft operated by several carriers, including Ryanair, Kuwait-based Wataniya Airways and Royal Jordanian. Air France tested its system for several months but has no plans to continue it. Other airlines that have signed on with OnAir for future deployment include Air Asia, British Airways, Hong Kong Airlines, Kingfisher, Qatar Airways and TAM.

Row 44 says it will provide cellphone service to Norwegian Air Shuttle, a regional carrier in Europe, early next year.

The social and etiquette concerns that perplex Americans haven't been a major issue abroad, says OnAir CEO Benoit Debains. None of OnAir's client airlines imposes a time limit on conversations, but an average call lasts two minutes. There is kind of an etiquette built up, he says.

Back in the USA, Flessing says he didn't think his fellow passengers were upset about his calls on his recent American flight. His seatmate, an off-duty flight attendant, was curious and encouraged him to test Skype. Other passengers on his row also were peeking over out of curiosity.

I'm very cautious about that, he says. I had my hand around my mouth. I used a video headset.

Aeromexico to allow cellphone usage on its flights

In-flight cellphone usage is creeping ever closer to the United States. Bloomberg News reports Aeromexico, Mexico's largest airline, said it will let passengers use cellular phones on board its planes, after the (Mexican) government lifted a ban on such calls during flights. The airline tells Bloomberg that flight attendants will be able to interrupt cell calls if necessary during flights. The online publication Daily Tech says the Mexican Communications and Transportation Department decided to lift the eight-year-old ban after discussing the topic with flight safety experts, engineers, pilots and flight crews, and passengers. Britain's Press Association notes the European Union made a similar decision last year. Malaysia Airlines also unveiled a service last year allowing passengers to make and receive calls on their mobile phones. And Air Transport Intelligence writes today that British Airways could consider a trial of voice calls using the OnAir mobile communication system installed on its transatlantic Airbus A318s, to assess demand and possible consequences. But good news for U.S. fliers opposed to the idea: The USA still prohibits in-flight voice calls on mobile phones.

WA7BNM Contest Calendar

- October 3
German Telegraphy Contest
EU Autumn Sprint, SSB
- October 4
California QSO Party
- October 10
10-10 Int. Day Sprint
EU Autumn Sprint, CW
FISTS Fall Sprint
- October 11
North American Sprint, RTTY
- Oct. 10-11
Pennsylvania QSO Party
- Oct. 17-18
Worked All Germany
- Oct. 18-19
Illinois QSO Party
- October 18
Asia-Pacific Fall Sprint, CW
- October 25
CQ WW DX Contest, SSB
10-10 Int. Fall Contest, CW

(Thanks, Bruce, WA7BNM)

Next BRATS Meeting

Tuesday, October 13, 7:15 PM
Pikesville Library

Beat the intruders with CW says IARU [RSGB]

The IARU is encouraging amateurs to get on the air and use CW on the 7MHz band. This is because Portuguese fishermen are abusing 7000.4kHz using USB every morning from 0700 - 0900UTC and later. These fishermen are located off the North of Portugal. Use this frequency for CW traffic, says the IARU.

Satellite Shorts From All Over [AMSAT]

- The dates of the 2010 AMSAT-UK Colloquium will be the weekend of July 30 to August 1, 2010. The location will be the same as in 2009, the Holiday Inn, Guildford, Surrey, United Kingdom. (G3WGM)
- Please collect and send telemetry data you receive on 145.825 from the Pollux and Castor satellites to ande@juno.nrl.navy.mil. There was a laser ranging experiment this weekend from Maui to illuminate the retroreflectors on both satellites. If you include your address you can receive a QSL card. (KD4HBO)
- Photos of the night time launch of STS-128 can be viewed on-line: From 200 miles north on Jekyll Island, GA see: <http://bit.ly/4uBi3N> The view from Orlando can be seen at <http://www.mydrive.ch/en>. The username is plethra2. The guest password is aa4kn_1. They are found in the STS-128 folder.

ARRL DX Bulletin / Special Events**ITALY, I.**

Members of the ARI Vigevano club are QRV as IY2M until January 31, 2010 in celebration of the 100th year anniversary of Marconi's Nobel Prize. QSL via IW2NOH.

JAPAN, JA.

Special event station 8J7M is QRV until December 31 from Honshu Island, IOTA AS-007, in celebration of the 60 years of the Amateur Radio Morioka Club and the 120th anniversary of Morioka-city in the Tohoku region. QSL via bureau.

FAROE ISLANDS, OY.

Johan, OY2J is now QRV. QSL direct to home call.

MALAWI, 7Q.

Harry, G0JMU is QRV as 7Q7HB for about three months. He is active mainly using CW and digital modes. QSL direct via G0IAS.

TONGA, A3.

Effective immediately, 60 meters is allowed on a secondary restricted basis using the same band plan and power limitations as authorized by the FCC for the US.

REPUBLIC OF KOREA, HL.

Mike, KE7WRJ is QRV as HL9QST for about two months. He is active on 40 to 10 meters using CW and SSB. QSL to home call.

DODECANESE, SV5.

Mort, G2JL is QRV as SV5/home call from Lipsi Island, IOTA EU-001, for the next three months. Activity is on all bands and modes, propagation permitting. QSL to home call.

WEST KIRIBATI, T30.

Gerben, PG5M is QRV as T30GM and has been active on 17 meters around 0200z. QSL to home call.

CAMEROON, TJ.

Lionel, F5PSA is QRV as TJ3SL. Activity is on 20 to 10 meters using SSB in his spare time. QSL to home call.

ETHIOPIA, ET.

Jim, WU0I is staying in Addis Ababa momentarily and should soon be QRV as ET3JD in October. Activity will be on 40 to 15 meters using CW, SSB and PSK31. QSL direct to ET3JD.

TAJIKISTAN, EY.

Ken, K4ZW has been QRV as EY8/home call on 20meters around 1200z and 15 meters around 0900z. QSL to home call.

Hamfests

Sunday, October 4: W. Friendship, MD
CARAFest, Howard Co. Fairgrounds Rte 144 at Rte 32,
adjacent to I-70 147.135/r PL 156.7; 410-552-2652

Sunday, October 25: Westminster, MD
Mason Dixon Hamfest; Carroll County Ag. Center, Rte 32,
Westminster; 145.41/R 410-583-4321; n3sb@qis.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)

NEXT BRATS MEETING

Tuesday, October 13, 7:15 PM
at the Pikesville Library. Most meetings are on 2nd or 3rd
Thursdays.

HAM TV Website Announcement [eham.net]

There s 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)
Saturdays: 9/5, 11/7; Sundays: 10/4 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;

(Date TBD)

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

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

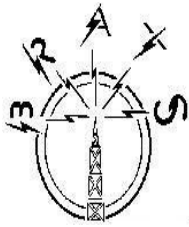
WANTED: AC Gilbert erector sets: old, new large, small, need not be complete, **CASH PAID.** Lewis, 410-296-4874

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

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

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



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P.O.Box 5915 Baltimore, MD 21282-5915

October 2009

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Other Radio Club Meetings

AMRAD

2nd Thursday, 7:30 PM,
Dolley Madison Library; 1244 Oak Ridge
Ave. McLean, VA (147.21/R)

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

BARC

1st and 3rd Wednesday, 7:30 PM
12360 Owings Mills Blvd (near warehouse)
Owings Mills, MD (146.67R)

AARC

1st and 3rd Thursdays, 7:30 PM
Davidsonville Family Rec. Center, Queen Anne
Bridge Rd, Wayson Rd (147.105R)

CARA

4th Tuesday,
Gateway Center, Rm 401, 6751 Gateway Dr.
Columbia South off Rt 175 (147.135/R)

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