

The MODULATOR

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

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

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

simplex: 146.55

web: <http://www.baltarc.com>

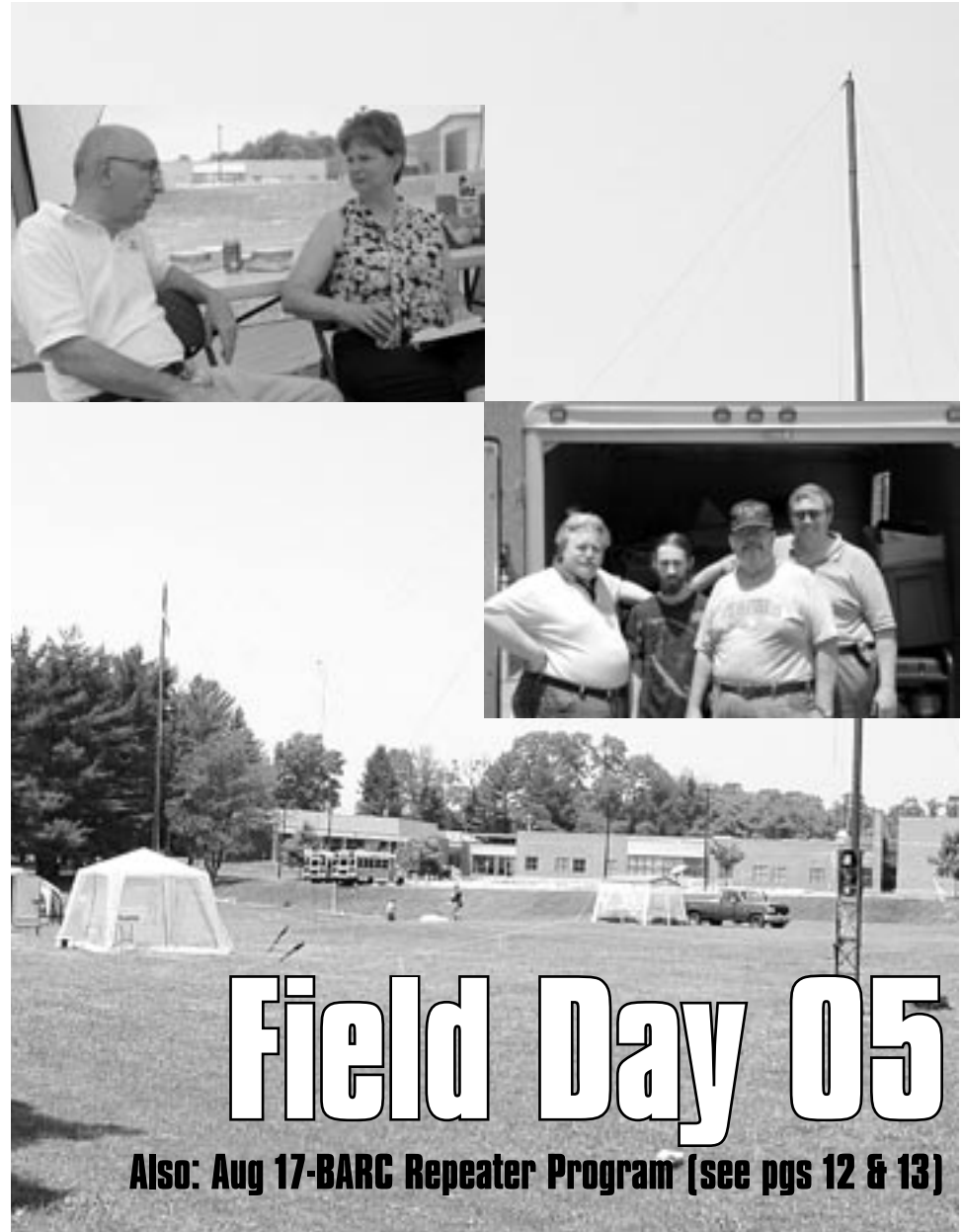
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The MODULATOR

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Newsletter of the Baltimore Amateur Radio Club



The MODULATOR

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P.O. Box 120
Reisterstown, MD 21136

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

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President	Joe Krysztoforski	AJ3X
Vice President	Hale Adams	N3NYC
Treasurer	Steve Kennick	WA3SOR
Recording Secretary		
Corresponding Secretary	Henry Lee III	KB1PE
Members at Large	Steve Rifkin	KA3ZMN
	Jim Green	WB3DJU
	Jim Georges	WA3RYT

Committee Chairmen

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	Bill Dobson	N3WD	
Program Chairman	Tom Coates	N3IJ at comcast.net	410-933-9344

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

Editor
The Modulator, 3607 Klausmier Rd
Baltimore, MD 21236
or email to modulator@baltarc.com.

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

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

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VE Report - July 2005

A Laurel ARC Volunteer Examiner Coordinator (LARC VEC) affiliated testing session was held at the BARC Meeting and Training Facility in Owings Mills, MD, on Sunday, July 3. Four people took exams for either their initial ham license or to upgrade their license.

The examinees achieved the following:

Became new Technician Class licensee

Joseph D'Anna KB3MKZ
Richard Cody KB3MLA

Upgraded to General Class licensee

James Williams KB3KVA

Upgraded to Amateur Extra Class licensee

Bob Williar N3RJZ
Thomas Chesek K3TVC

Overall, three tests were passed out of eight administered:

Element 1 (5 WPM CW): 100%
Element 2 (Technician Written): 100%
Element 3 (General Written): 100%
Element 4 (Extra Written): 100%

Thanks to the Volunteer Examiners who made the session possible:

Russ Kaufman N3YI Jerry Matthews N3ZWT Doc Sanders W3FYA
Robin Schaefer AA3SB Rusty Schaefer N3WKE

Next testing session at the BARC facility is Saturday, August 6. Registration starts at 1 PM and testing starts at 2 PM. For information about the next exam session, please send email to n3wke@arrl.net (or call Rusty Schaefer 410-247-0578).

73, Rusty N3WKE

VE Team Leader

For Sale

Moving Sale

Ameritron AL80B 1kw amplifier	\$800
MFJ 262D 1.5kw roller inductor tuner	\$150
Kenwood 570D HF transceiver w/hand mic	\$450
Astron 35A power supply	\$ 75
Kenwood MC60 desk mic	\$ 75
low pass filter 1kw Wm.Nye Co	\$ 40
MFJ Dummy load 1kw with oil	\$ 30
Butternut HF6V vertical antenna	\$100
Documentation, jumper cables	n/c
MFJ Sound Card Radio Interface	\$ 50

All items in excellent condition, prices are negotiable. Call **Carl W3MAO** 410-321-7157 or email *carlw3mao at aol.com*.

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

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



For sale, a vintage Computone Keyfact 411 modem. \$40 or best offer. Contact *Martin Schugam* at 410-654-6545 or *mschugam at bcpl.net*.

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Robin, AA3SB, presents Bob, N3RJZ/AE a cake in celebration of his passing the Extra class exam.

The President's Corner

I would like to take a minute to thank all who called expressing their concern and support last month when they received the modulator and read the editor's letter in place of the Presidents. It was encouraging that so many took the time from their busy schedules to call. It is genuinely appreciated.

Field Day 2005 like the Hamfest is behind us and I wish I were able to report that both were outstanding successes. However, for a number of reasons that I will not go into here, this years GBH&C's results were far from spectacular. A pre-planning meeting for next years GBH&C will be held on July 27, 2005, 7:30PM at the Meeting and Training Facility. Please plan to attend this important meeting where we will review the methodology we will use to fund BARC's activities.

I would like to take this time to congratulate **Ed, K3CAV** and **Bill, N3WD** on the outstanding job they did organizing Field Day. Held at Hanna Moore Park in Reisterstown in conjunction with the Hanover Area Hamming Association, the event was one to remember. Briefly, we operated five positions, CW, phone, VHF, GOTA, and satellite. We hosted visitors from Baltimore County, the Maryland Emergency Management Agency, The Salvation Army, The Red Cross, and the Maryland State Senate. It was a fun filled two days.

To keep the spirit of Field Day alive, Ed will organize the clubs' contesting activities. The first event for this year will be the Maryland/DC QSO party and it will be held at the Meeting and Training Facility during the weekend of August 12. Contact Ed, *K3CAV at arrl.net* for further information and operating position assignments. Ed has spent many an hour during the last month upgrading and preparing the Radio Shack for the upcoming contest season, now it up to the rest of us to come out and play, thank you Ed.

As many of you may have already heard, at the April 28th Board Meeting, by the unanimous vote of all in attendance, the Board called for the resignation of the club's treasurer no later than June 20, 2005. At that same meeting, the Board asked **Bill, N3WD** to step in as interim treasurer. For the first time in over two years, at the June business meeting, the Treasurer reviewed BARC's financial standing with the membership. Bill and I will be working closely with our accountant over the course of the next few months to organize and audit the clubs books. Please join me in thanking Bill for stepping up to the plate and taking on this important position.

Do not forget club elections will be held at the September meeting and if you

Election Notice

The June business meeting included the Nominations Committee Report and Slate of Officers for the September election. The slate is therefore published in this issue, in accordance with the bylaws. See below for important voting information.

Slate for 2005-2006:

President:	Joe Krystoforski, AJ3x (incumbent)
Vice President:	Hale Adams, N3NYC (incumbent)
Treasurer:	Bill Dobson, N3WD (Acting) Steve Kennick, WA3SOR
Recording Secretary:	Norm Lorenzen, KB3KZG Doug Rambo, N3WZY
Corresponding Secretary:	Henry Lee III, KB1PE
Members at Large: (Vote for two)	Al Fitzsimons, W3YRS Steve Rifkin, KA3ZMN (incumbent) Ed Kriston, K3CAV Jim Green, WB3DJU (incumbent)

Voting will occur at the business meeting on September, 7, 2005 at 7:30 PM. You may vote in person or by absentee ballot. To request an absentee ballot, do so by August 1st and send email to *elections2005 at baltarc.com* or write to:

Baltimore Amateur Radio Club
Nominating Committee
PO Box 120
Reisterstown, MD 21136-0120

The absentee ballots must be received by September 1st at PO Box 120, using the same mail address as above.

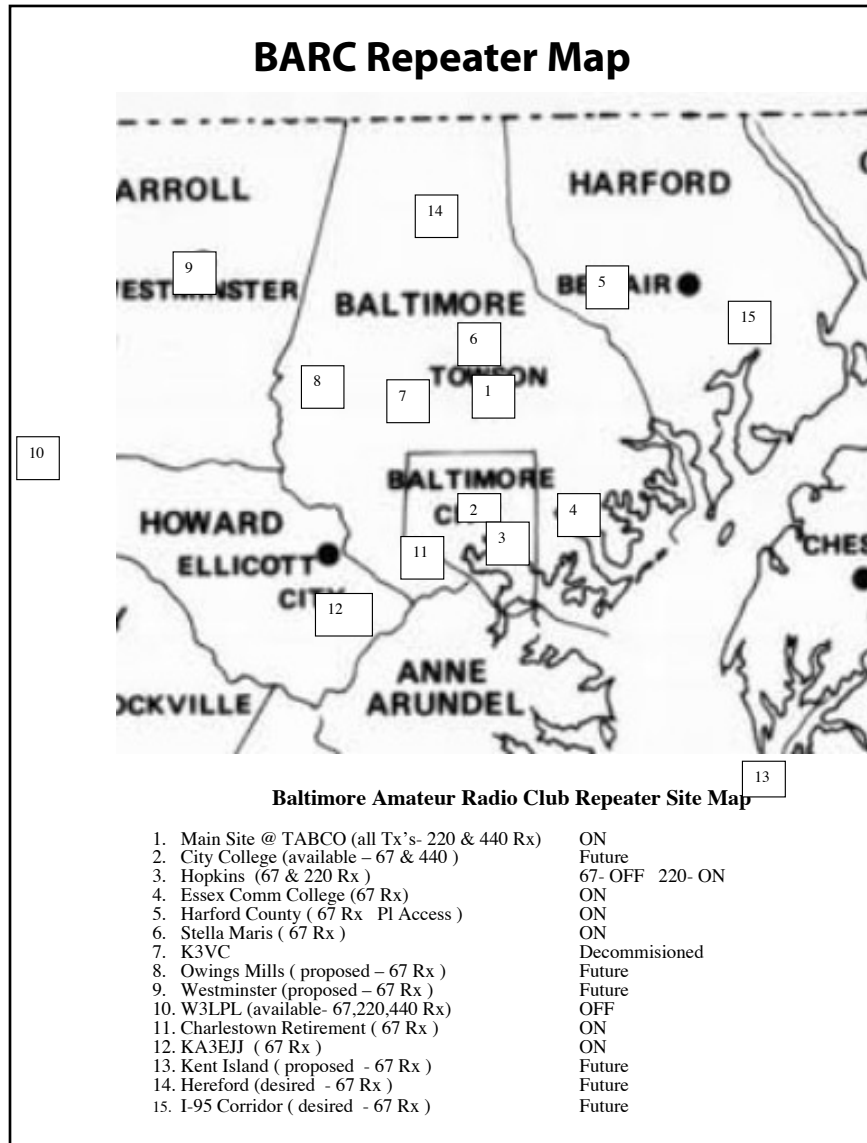
Upcoming Program Schedule

Tom Coates, N3IJ

August 17: BARC Repeater. **Phil Hebert, N3CDY** will describe the features of the W3FT repeater system.

tive Affairs Team believes that the problem is simply getting our bill high enough on the agenda that the staff member can get to it before time runs out in their meeting with the representative or senator. Persistence, patience and politeness are essential.

Tom Coates, N3IJ



cannot attend, be sure to contact **Ed, K3CAV** to obtain an absentee ballot. Your task as members of Baltimore Amateur Radio Club is to decide who you want to lead our club in the next year. We have multiple candidates for the positions of Vice-President, Treasurer, Secretary, and Members at Large. Mark your calendar now; this is your opportunity to help shape the future of the Baltimore Amateur Radio Club.

Amateur radio support of Skywarn went dormant last year when **Hank, N3VMF** the county's long term Skywarn NCO had to give up the position when his equipment failed. Now, thanks to our Public Information Officer, **Doug, N3VEJ** Skywarn is alive and well in the Baltimore Metro Area, including Carroll and Harford Counties. Contact Doug on the 146.67 repeater or via e-mail, *n3vej@arrl.net* for additional information on Skywarn.

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

That's all for now, and I hope to see you at the August 3rd business meeting, the August 7th program meeting, or at this month's lunch with the President on Thursday, August 11th at Pizza Hut, in the shopping center behind The Corner Stable, York and Cranbrook Roads.

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

Joe Kryzstoforski, AJ3X
President BARC
aj3x@arrl.net

A purchasing tip:

If you are interested in getting a copy of the "ARRL Handbook For Radio Communications, 2005," the best price I've found is at Overstock.com. The ARRL price is \$39.95, Overstock's price is \$25.92. When I bought my copy, Overstock's shipping charge was \$2.00, but sometimes shipping is less if you catch a sale. This is the full book including the "The ARRL Handbook CD (version 9.0)." That's 35% off; Amazon only gives you 11% off, and even with Amazon's free shipping, Overstock is a way better deal.

Pleasant reading.

Myles Carpeneto, K3VTT



The entire Field Day site. From left, the primary parking area with the mobile tower trailer and VHF station behind the storage trailer. The CW tent, the GOTA and Satellite station with the red pickup truck that held the satellite antenna, two of the three portable towers, and the SSB station. Just to the right outside the photo was another parking lot.

Field Day

BARC Field Day was in Reisterstown this year, at the Hannah More Park. The venue was a bit smaller than the park we've used lately, and it was certainly a lot more public. The two HF stations had wire antennas at right angles to each other. The GOTA station was also on HF, and used a vertical antenna.

Al Shaffer KB3ETX, president of the Hanover Area Hamming Association, operated the VHF station for most of the weekend. He also got some time on the SSB station during the overnight period.

Bill Dobson, N3WD, BARC member and Field Day co-chair is also VP of the Hanover group. Bill was instrumental in bringing these two groups together. As a result of the multi-state operation, our towers were seen flying the Stars and Stripes, the Maryland flag and the Pennsylvania flag.

We had many visitors. Senator Katherine Klausmeier (D-8th district) visited and had a productive conversation with President **Joe, AJ3X** and **Tom Coates, N3IJ**. According to Tom, "The Senator's leadership is deeply appreciated because it will be essential to the success of our legislative program in 2006. The Senator's support for Amateur Radio's public service was the key to the Senate passing our resolution unanimously in the early days of the 2005 session. We hope to build on that in 2006." Lt. Richard Muth from the Baltimore County Fire Department and **Al Fitzsimons, W3YRS**, from the MEMA RACES organization also visited. **Major Lon Kinley, N3ZKP**, of the Salvation Army, an agency served by ARES also visited. Al and Lon are also both members of BARC.

Chairman **Ed Kriston, K3CAV** commented that many club members worked together to raise the towers and then pack them away. Total cleanup on Sunday afternoon was finished within two hours.



than 300 co-sponsors. A staff member in Sen. Crapo's (pronounced Kraypo's) office said something similar about the Senate bill. When a majority of the House and Senate have signed on as co-sponsors, the bill acquires credibility and gets on the schedule for hearings. ARRL did get the bill introduced, but no one can influence our representatives and senators as effectively as constituents—that's us.

- Q.** If the bill had any merit, wouldn't it have more support in Congress?
- A.** Every representative the BARC team approached signed on. This shows that the amount of support the bill has among members of congress is directly related to the willingness of constituents to ask their representatives and senators to support it. Only seven of Maryland's eight representatives are co-sponsors because our Legislative Affairs team hasn't had the time to set up an appointment with the eighth one.
- Q.** This is the 21st Century. Does anyone still care about Amateur Radio?
- A.** Our club's team found that the Amateur Radio story makes a strong positive impression. They gave equal emphasis to emergency/public service communications, international people-to-people diplomacy, and engineering and science training for young people.
- Q.** Won't lobbying make us look like just another special interest group?
- A.** The right to influence legislation is protected by the U.S. Constitution, Amendment 1. The special interest group that signed up more than 300 co-sponsors was a coalition of military veterans' organizations. We should be proud to be in the company of a special interest like that.
- Q.** How can I talk to my representative or senator, when I keep getting passed off to some staff member?
- A.** Our club's Legislative Affairs Team spoke with only two representatives directly out of the seven. And that was after the team thoroughly briefed the staff member. All the legislative staff people our team met with have graduate degrees and some specialize in telecommunications. Their support is essential. They must be treated with respect.
- Q.** How am I going to get to Washington to talk with my representative or senator?
- A.** Except for a few nearby states, all the representatives and senators have legislative specialists in their local offices.
- Q.** My senator's (or representative's) chief of staff promised to take care of this, but nothing happened. What should I do?
- A.** Follow up, politely. One of the Maryland congressmen signed on the day after being contacted, but others had to be reminded weekly. Our Legisla-

Legislative Affairs Update

Legislative Affairs Team



Tom, N3IJ, discusses state senate support with Senator Katherine Klausmeier (D-8th) who travelled all the way from Perry Hall to visit. Senator Klausmeier introduced SJ2, a joint resolution, which passed this last senate session on a vote of 46-0 within 10 days of introduction.

At this writing, H.R. 691, the Amateur Radio Spectrum Protection Act of 2005, has 21 co-sponsors. Seven of them are from Maryland, the only state with a majority of its representatives co-sponsoring the bill. S 1236, the identical Senate bill, has four co-sponsors. If you're looking for a new topic to discuss with amateurs in other states, consider H.R. 691 and S 1236. Following are some talking points in FAQ format:

Q. What is this bill about?

A. It says that the FCC shall “(1) make no reallocation of primary allocations of bands of frequencies of the amateur radio and amateur satellite services; (2) not diminish the secondary allocations of bands of frequencies to the amateur radio or amateur satellite service; and (3) make no additional allocations within such bands of frequencies that would substantially reduce the utility thereof to the amateur radio or amateur satellite service; unless the Commission, at the same time, provides equivalent replacement spectrum to amateur radio and amateur satellite service.”

Q. Why is this so important?

A. Over the past 20 years, Amateur Radio has lost more than 400MHz, all above 225 MHz, where we have no exclusive allocations.

Q. Who decides what's “equivalent?”

A. This is something lawyers can successfully argue about. The bill gives us a strong position.

Q. Why are co-sponsors important—isn't ARRL taking care of this?

A. The number of co-sponsors is important, according to a senior staff member in the office of Rep. Bilirakis, who introduced the bill. She told our club's Legislative Affairs Team that a large group, such as the Amateur Radio Service, should be able to recruit plenty of co-sponsors, at least a majority of the House. As an example, she cited another bill that had more

Stats:

Phone QSOs 549
CW QSOs 319
Digital QSOs 1
Power Multiplier x2
57 GOTA QSOs
82 out of 88 sections
Total QSO points 2435
920 bonus points:
100 Media publicity
100 Public location
100 Public info table
100 Message to SM
20 Additional NTS messages
100 Satellite QSO
100 W1AW Bulletin
100 Visiting Govt Official
100 Visit from Served Agency
100 Youth Participation
3355 Total Field Day Points



Lynn Reed, N3YE, Sean Reed, KB3KKU, Ed Kriston K3CAV and Doug Wittich N3VEJ after loading the truck at the club facility on Field Day Friday.



Hanover Area Hamming Association and BARC members work together to raise a tower to support the VHF station. HAHA President Al Shaffer KB3ETX made most of the VHF contacts, with the help of his family.



Joe Tracey, KB3LNM and Norm Lorenzen KB3KZG prepare to raise a tower. The cage holds all the tubes, and fits in the base section for storage. Photo by W3YRS.



Ed, K3CAV, Field Day chairman, with Bill, N3WD, co-chair, give the Field Day report.



Upcoming Public Service & Events

Aug 13-14 - MD QSO Party (info at www.n3cwc.org/funcontest.html)
 Sept 7 - Club Elections
 Sept 10-11 - FARFEST at Gaithersburg

Upcoming Contests

Sep 10-12 - Sept VHF QSO Party
 Sep 17-18 - 10 GHz and Up Contest
 Nov 5-7 - November Sweepstakes (CW)
 Nov 17-18 - November Sweepstakes (Phone)

August 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Phases of the Moon 08/05 New Moon 08/13 First Quarter 08/19 Full Moon 08/26 Last Quarter	1	2	3 Club Meeting 7:30 p.m.	4	5	6 VE Testing— Registration: 1 p.m. Testing begins: 2 p.m.  UHF Contest 1800 Sat - 1800 Sun UTC
7	8	9	10	11	12	13 MD QSO Party (Contact Ed K3CAV at comcast.net for info or to operate)
14	15 Deadline— September Issue of <i>The Modulator</i>	16	17 Club Meeting: BARC Repeater 7:30 p.m.	18	19	 10GHz and Up Contest 6 am local Sat - 12 Midnight local Sun
MD QSO Party (Contact Ed K3CAV at comcast.net for info or to operate)	21	22	23	24	25	26
27	28	29 Deadline— Feature Articles for Oct Issue of <i>The Modulator</i>	30	31	Sept 10-11 - FARFEST at Gaithersburg fairgrounds Help NEEDED, BARC will staff a gate overnight. Ticket sellers needed.	
						Be sure to get your absentee ballots back to the PO Box by August 31st!