

THE AERO AERIAL



Testing Resumes Sept. 25th

The newsletter of the Aero Amateur Radio Club
Middle River, Md
Volume 7 Issue 9
September 2010

Editor Frank Stone AC3P

Officers

Bob Landis	WA3SWA	President	Repeater
Bob Venanzi	ND3D	Vice-President	VE Testing
Lou Kordek	KB3LJF	Recording Secretary	Public Service
Pat Stone	AC3F	Corresponding Secretary	Webmaster
Warren Hartman	W3JDF	Treasurer	Trustee
Ron Distler	W3JEH	Property Mgr	Club Nets

Committees

Phil Hock W3VRD
Pat Stone AC3F
Bob Landis WA3SWA
Al Alexander K3ROJ
Frank Stone AC3P
Joe Miko WB3FMT

ABOUT THE AERO AMATUER RADIO CLUB

Meetings: First and Third Wednesdays at 7:30 pm at Coffman's Diner
(Middle River and Orem's Rd.)

Nets: See Local Area Net Schedule

Repeaters: W3PGA (147.24 MHz - / 449.575 MHz -)

WEBSITE: www.aeroarc.us

LOCAL AREA NETS

Day	Time	Frequency (MHz)	NET NAME
Daily	9 – 10 am	147.03	ORIOLE Net
Daily	5:30– 6 pm	3.820	Maryland Emergency Phone Net
Daily	6:30 – 7 pm	146.670	Baltimore Traffic Net
Daily	7 pm and 10 pm	3.643	Maryland/DC/Delaware Traffic Net
1 st Tues	7:30 pm	145.330	Baltimore ARES Net
2 nd Tues	7:30 pm	146.670	Baltimore County <u>RACES</u> Net
2 nd Wed.	8 pm	28.445	AERO ARC Net
4 th Wed.	8 pm	147.240	AERO ARC Net
5 th Wed.	8 pm	449.575	AERO ARC Net

The Aero Quantum Mechanics Net: Anytime any Frequency contact WB3FMT. The last one was , on 449.575 MHz on Tuesday 8 pm on March 30th. Who knows where or when the next one may be?

Net Reports

July

10 Meters: WB3FMT(NCS) W3JEH AC3P K3ROJ KA3SNY

2 Meters: WB3FMT(NCS) AC3P W3JEH KA3SNY AA3BC KB3JDE

Station Activities

AC3F & AC3P have returned from tours of New England and Ohio. Welcome to visitor **AA3BC** and New Member **KB3VAE**. The infirmary is filling up fast. Speedy recovery to **K3CXC**, **WB3FMT** and **KB3LJF**.

Public Service Opportunity

AERO AMATEUR RADIO CLUB,

It is not too late for your Amateur Radio Club members to volunteer for the Marine Corps Marathon, the fifth largest marathon in the world which will be run on October 31 this year. If not directly involved please suggest to your fellow Hams to participate in this important public service.

Operators and loggers are needed at the Armed Forces Retirement Home, the location of the Net Control Station. Your willingness to participate, albeit short or long can make a big improvement in the services Amateur Radio plays for this important event - especially in support of your troops, their families and friends.

Please take a moment before the end of next week and <CLICK> on the link to sign up and indicate your willingness to provide some very needed help.

Time is getting short to sign up as the cut off is the end of August.

Please click: <<http://www.ncacdc.com>> to begin the sign up process.

73 - Marty Pittinger
KB3M XM
MDC Club Coordinator

FCC AMENDS ECOMM RULES

On September 3rd Part 97 rules changes will take effect that will clarify the role of amateurs who are employed as first responders and hospital staff during emergencies and emergency practice drills. While it has always been the case that an employee of a served agency could operate an amateur station for their employer, the amateur was not premitted to operate during practice drills. The new rules will change that situation. Employees of a hospital or first responders unit will now be permitted to take part in practice drills as well as actual incidents. Here is the pertinent rule change:

APPENDIX B

Final Rules

Part 97 of Chapter 1 of Title 47 of the Code of Federal Regulations is amended as follows:

The authority citation for part 97 continues to read as follows:

AUTHORITY: 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303. Interpret or apply 48 Stat. 1064-1068, 1081-1105, as amended; 47 U.S.C. 151-155, 301-609, unless otherwise noted.

1. Section 97.113 is amended by revising paragraph (a)(3), adding new paragraphs (a)(3)(i) and (a)(3)(ii), redesignating paragraphs (c) and (d) as new paragraphs (a)(3)(iii) and (a)(3)(iv) respectively, and redesignating paragraphs (e) and (f) as (c) and (d) respectively, to read as follows:

§ 97.113 Prohibited transmissions.

(a) * * *

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer, with the following exceptions:

(i) A station licensee or control station operator may participate on behalf of an employer in an emergency preparedness or disaster readiness test or drill, limited to the duration and scope of such test or drill, and operational testing immediately prior to such test or drill. Tests or drills that are not government-sponsored are limited to a total time of one hour per week; except that no more than twice in any calendar year, they may be conducted for a period not to exceed 72 hours.

(ii) An amateur operator may notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis.

(iii) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

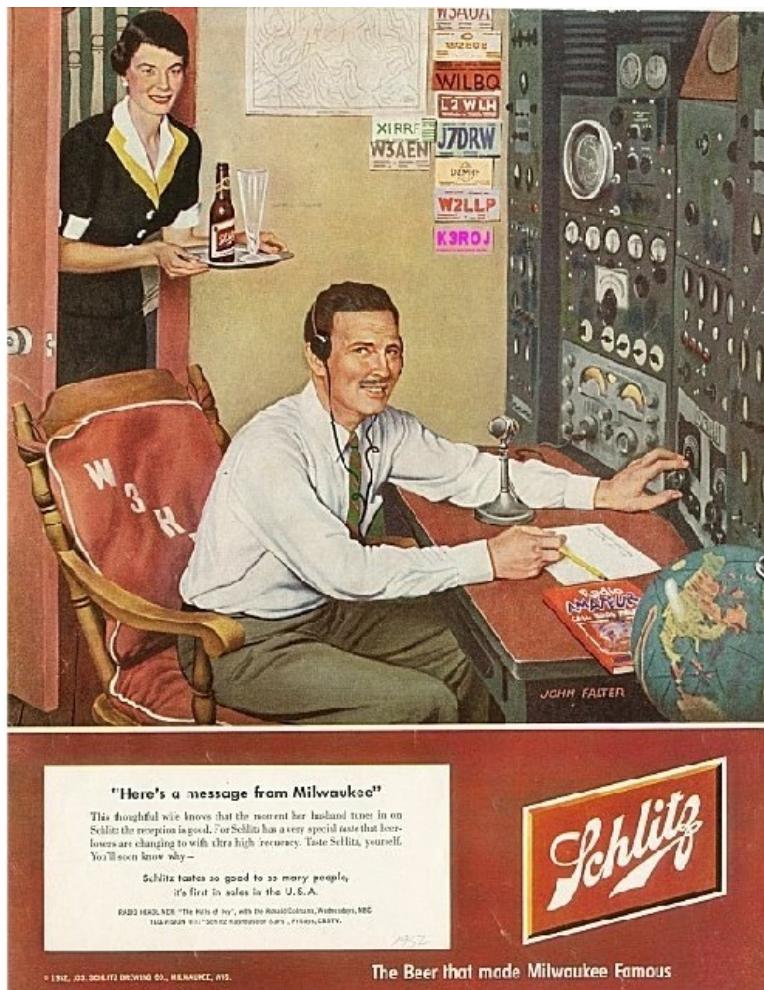
(iv) The control operator of a club station may accept compensation for the periods of time when the station is transmitting telephony practice or information bulletins, provided that the station transmits such telephony practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct or indirect compensation for any other service as a control operator.

A Note of Thanks

I wish to thank all the members who expressed their support and sympathy on the occasion of the passing of my mother, Shirley Stone on August 5. Whether you sent flowers, visited the funeral home, attended the service or just sent a note or card, your efforts were greatly appreciated. Again, Thanks to everyone.

73

Frank AC3P



September 2010

			Meeting Coffmans 7:30 pm	1	2	3	4
5	6	7	10 Meter Net 28.445 Mhz 8 pm	8	9	10	Va Beach Hamfest ARRL VHF Contest 11
12	13	14	Meeting Coffmans 7:30 pm	15	16	17	18
19	20	21	2 Meter Net 147.24 Mhz 8 pm	22	23	24	VE Testing White Marsh Library 1 pm 25
26	27	28	70 Cm Net 449.575 Mhz 8 pm	29	30		

From the Skies over Mt. Essex

SKY Events for September 2010

September 1st Last Quarter Moon

September 9th New Moon

September 14th First Quarter Moon

September 19th Planet Mercury at greatest Western elongation. (18°)

September 21th Jupiter and Uranus at opposition.

September 22nd Jupiter and Uranus
9° apart (2 full moon wide)

September 23rd Full Moon
aka "Harvest Moon"
Fall Equinox at
11:09pm

September 30st Last Quarter Moon,
Saturn in conjunction with the Sun.

Planet Lookout

Mercury – Low in the East at Dawn, greatest western elongation on the 19th (18°).

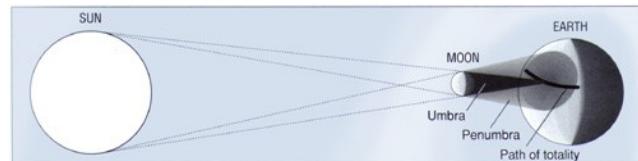
Venus - Bright Evening Star low in the West at sunset.

Mars – Low in the Western sky at sunset.

Jupiter- Rises in the East at during evening dusk. Visible all night.

Saturn- Lost in the glare of the setting Sun.

What is an eclipse? An eclipse occurs when one object gets in between you and another object and blocks your view. From Earth, we routinely experience two kinds of eclipses: an eclipse of the Sun (solar) and an eclipse of the Moon (lunar).



An eclipse of the Sun can only occur during a new Moon. The Moon blocks the light from the Sun. This is a total eclipse. The total eclipse is seen as a circular spot on the Earth, it is about 70 miles wide. Outside this cone you will see a partial eclipse (part of the Sun is covered). The partial phase can be seen for thousands of miles on either side of the totality line. The next total solar eclipse visible from the U.S. is August 21, 2017, from Salem, OR. to Charleston, SC. A total Solar eclipse can last up to 7 1/2 mins. The total percent covered will be 83% in Baltimore, MD and will occur at 2:43 pm EDT.



A **lunar eclipse** occurs when the moon passes behind the earth such that the earth blocks the sun's rays from striking the moon. This can only occur during a full moon. A lunar eclipse can be full or partial, partial is when the Moon does not go into the full Earth shadow. A lunar eclipse can be seen by 1/2 the Earth at a time (Night Side). A total Lunar eclipse can last up to 1 hr 40 mins. The next Total Lunar eclipse occurs on Dec. 21, 2010, totality begins at 2:40 am and ends at 3:53 am EST.