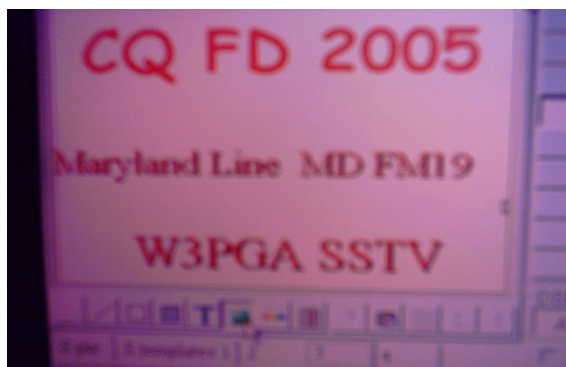


THE AERO AERIAL



Field Day Long-Delayed Echo

The newsletter of the Aero Amateur Radio Club
Middle River, Md
Volume 7 Issue 6
June 2010

Editor Frank Stone AC3P

Officers

Bob Landis	WA3SWA	President
Bob Venanzi	ND3D	Vice-President
Lou Kordek	KB3LJF	Recording Secretary
Pat Stone	AC3F	Corresponding Secretary
Warren Hartman	W3JDF	Treasurer
Ron Distler	W3JEH	Property Mgr

Committees

Repeater	Phil Hock W3VRD
VE Testing	Pat Stone AC3F
Public Service	Bob Landis WA3SWA
Webmaster	Al Alexander K3ROJ
Trustee	Frank Stone AC3P
Club Nets	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

2 Meter Net: WB3FMT(NCS) AC3P W3JEH KA3OUT K1BIX near Hershey, PA

10 Meters: WB3FMT(NCS) WA3TAD AC3P W3JEH KA3SNY K3ROJ

Station Activities

Congratulations to Tony formerly known as **KA3OUT** on his new call **K3AK**. Looks like we lose his bonus points in next years contest. Congratulations to **WB3FMT** on retiring from SSA after 42 years and 7 months. Now Joe will have more time to get on the air and play telescopes too. **AC3F** is getting out of school for the summer. **K3ROJ** is working the back 40 again.



All Aboard!

The Second Meeting of every May is Election Day as mandated by the Aero ARC Constitution. As is customary the members assembled with their railroad paraphernalia and choose the officers for the 2010 – 2011 year.

First on the agenda was President. Bob Landis was the only nominee and was voted in by acclamation.

Next was Vice President. Bob Venanzi and Lou Kordex. Bob was re-elected by a vote of 12 to 2.

Treasurer was next on the list. Warren Hartman was again re-elected without opposition.

The nail-biter of the meeting was the election for Recording Secretary. Lou Kordek and Joe Miko were both nominated. Suspense mounted as first Lou's name was counted and alternated with a vote for Joe. At the end Lou prevailed with a final tally of 8 voted to 6.

Next to board the train were Pat Stone who was unopposed for Correspondence Secretary and Ron Distler who was voted in absentia to another term as Property Manager.

So the Aero Officers for 2010-2011 are:

President Bob Landis WA3SWA

Vice President Bob Venanzi ND3D

Treasurer Warren Hartman W3JDF

Recording Secretary Lou Kordek KB3LJF

Correspondence Secretary Pat Stone AC3F

Property Manager Ron Distler W3JEH

Congratulations to our new and returning officers.

Also thanks departing President Joe Miko and Recording Secretary Frank Stone for their service to the club and congratulations on their engineering themselves off the train.

Martin Airport Special Event



This year marks the 80th Anniversary of Martin State Airport. In 1929 Glenn L. Martin purchased the land in Middle River to locate his aircraft company and with it an airfield to test the company's prototypes.

The original airfield in 1930 was a landing strip that ran parallel to Eastern Boulevard. With the expansion of the Martin Co. plant the alignment of the airstrip was changed and the present control tower was built. The airfield was the largest privately owned airport in the world.

During its time as a company testing strip, such aircraft as the B-26 Maurauder, B57D Canberra, and Martin 202 Airliner were seen on the tarmac. Departing also from this airfield was the “Pregnant Guppy” Air Force cargo plane with Gemini-Titan rockets bound for Cape Canaveral.

As time passed the airport was sold to the State of Maryland and now is used for General Aviation, Lockheed-Martin Corporate flights, Maryland State Police Medivac, Baltimore City and County Police choppers, local TV helicopters and is home to the Maryland National Air Guard.

In celebration of the airport's great history, the Aero Amateur Radio Club took the airwaves to activate special event station W2W. From 9 a.m. local time May 1 until 8 p.m. local May 2 club members operated on 20 and 40 meters using CW, PSK and Phone and also the club's 2 meter repeater. They made a total of 178 contacts in all.

Thanks to WB3FMT, KA3SNY, KB3PGN, KA3OUT, ND3D, AC3F and AC3P for their efforts.

Field Day 2010

The Aero Club will join with the BRATS again this year at Camp Genyara for Field Day 2010. This year Field Day takes place on June 26 through June 27. The FD crew will be arriving at the camp on Friday afternoon, June 25 to begin setup.

Everyone is invited to join in the fun even if you can't stay the whole weekend.

Camp Genyara is located at 1814 Bond Rd, just off of Old York Rd. See map.

For more information and directions to the site, call Frank Stone at 410-687-7209 or e-mail ac3p@juno.com

For information about the club, visit www.aeroarc.us.





June 2010

			Meeting Coffmans 7:30 pm			
		1	2	3	4	5
6	7	8	10 Meter Net 28.445 Mhz 8 pm	10	11	VHF Contest
VHF Contest Manassas Va Hamfest www.w4ovh.net 13	14	15	Meeting Coffmans 7:30 pm	17	18	19
20	21	22	2 Meter Net 147.24 Mhz 8 pm	24	25	Field Day Camp Genyara
Field Day Camp Genyara 27	28	29	70 cm Net 449.575 Mhz 8 pm	30		

From the Skies over Mt. Essex

Is the Moon that big?

SKY Events for June 2010

June 4 th	Last Quarter Moon
June 5&6	Planet Mars is 0.9 North of Regulus and Planet Jupiter is 0.5 South the Planet Uranus.
June 12 th	New Moon
June 19 th	First Quarter Moon
June 21 st	Summer Solstice 7:28 am EDT. Northern Hemisphere Summer, Southern – Winter.
June 23 rd	Longest Day/light 16hrs 1 min of sunlight.
June 25 th	Former Planet Pluto is at Opposition
June 26 th	Full Moon aka “ Strawberry Moon ”

The **Moon illusion** is an optical illusion in which the Moon appears larger near the horizon than it does while higher up in the sky. This optical illusion also occurs with the sun and star constellations. It has been known since ancient times, and recorded by numerous different cultures.



The Moon looks very large!



A series of photos, note the moon does not change size.

Planet Lookout

- Mercury – Low in the sky at Sunrise.
- Venus - Bright Evening Star in the West-Northwest at Sunset.
- Mars – Yellow/Orange in Leo the Lion, High in the West after dark.
- Jupiter- A bright point of light in the Southeast during the morning dawn.
- Saturn- High in the Southwest at Dusk, look to the upper left of Mars.

A popular belief holds that the Moon appears larger near the horizon due to a magnification effect caused by the Earth's atmosphere. This is not true: although the atmosphere does change the perceived color of the Moon, (Orange to White) it does not magnify it. In fact, the Moon is actually smaller when it is near the horizon than when it is high in the sky. The Moon's apparent size is about ½ degree the same as the noon day Sun. The Moon's angular diameter can vary at perigee (close to Earth) to apogee (far) by about 11%. Info from Wikipedia

To test this take a drinking straw. Look at the Full Moon rising, wait an hour or more check it again. The Moon inside the straw does not change size.