

THE AERO AERIAL

Our Tenth Year of Publication



It must be June

The newsletter of the Aero Amateur Radio Club
Middle River, Md
Volume 10 Issue 6
June 2013

Editor Frank Stone AC3P

Officers

Joe Miko	WB3FMT	President
Bob Landis	WA3SWA	Vice-President
Lou Kordek	AB3QK	Recording Secretary
Frank Stone	AC3P	Corresponding Secretary
Warren Hartman	W3JDF	Treasurer
Ron Distler	W3JEH	Resource Coordinator

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
Contests	Bob Venanzi ND3D
FAR Representative	Charles Ester III KC3ANJ

ABOUT THE AERO AMATEUR 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 -)
W3JEH (223.84 MHz -)

LOCAL AREA NETS

Day	Time	Frequency (MHz)	NET NAME
Daily	9 – 10 am	147.33	ORIOLE Net
Daily	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
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

AERO NET REPORT

28.445 MHz: WB3FMT (NCS) AC3P W3JEH KB3JVP KA3SNY KB3PGN

147.24 MHz: WB3FMT (NCS) KA3SNY W3VRD AC3P

Station Activities

WB3FMT, ND3D, W3JDE, WA3SWA, AC3F, AC3P, KB3QAX, KA3SNY, KB3PGN were sighted having an “eyeball roundtable” at the Skypark Pancake Breakfast. Congrats to **KC3ANJ**, Charles, on his new license and better half **KC3APF**, Kelly on her new ticket.

VE Corner *by AC3F*

After a spike in examinees in March, attendance returned to normal. There was one applicant for May. Congratulations to new Tech, Greg Leister **KC3APU**.

Thank you to the VE Team, AC3P, WB3FMT, AK3QK, and KB3KRV

The next session will be September 28, location to be announced later..

Election 2013



The Annual Elections for Club Officers was held during May 15 meeting. After the reading of the minutes and treasurer's report, President Joe, turned the meeting over to Conductor Frank AC3P who opened the floor for nominations. Only one member was nominated for each position making ballots unnecessary.

The new officers for 2013 – 2014 are:

President: Joe Miko WB3FMT
Vice-President Bob Landis WA3SWA
Treasurer: Warren Hartman W3JEH
Recording Secretary: Lou Kordek AB3QK
Correspondence Secretary: Frank Stone AC3P
Resource Manager: Ron Distler W3JEH

The Officers joined Conductor Frank on the train and it left Coffman's Depot.

The term begins with the Inauguration and Ball at the June 5 meeting.

FAR Representative

After the elections, outgoing V.P. Bob ND3D, asked for a volunteer to represent the Aero ARC on the Foundation for Amateur Radio Scholarship Board.

Charles Ester III, KC3ANJ, volunteered to take on this duty.

Thanks to Charles for volunteering.

Your Article Here

The *Aerial* staff is always on the lookout for articles, especially those regarding members activities.

If you have been active on the air or built a project or bought a new piece of gear or took part in a public service event we would appreciate a short piece describing your activity. Just a paragraph or two would be enough; a page or two even better.

Please submit any articles or letters to the editor via email to Frank AC3P email: ac3p21220@yahoo.com

Field Day 2013

The following information is being sent various local news outlets:

Press Release

June 3, 2012

The Aero Amateur Radio Club of Middle River, Md. will be setting up a field transmitting site to participate in the American Radio Relay League's annual emergency communications exercise known as Field Day.

Field Day is a 24 hour event during which amateur radio operators demonstrate their readiness to provide communications in an emergency or disaster by setting up transmitters, receivers, antennas and generators in the field and communicating with other amateur radio stations throughout the U.S. and around the world.

This year Field Day takes place on June 22 through June 23.

Club members will activate radio station W3PGA at Essex Skypark in Essex, Md. Operations will begin at 2 p.m. Saturday and continue until 2 p.m. Sunday. There will be demonstrations of Morse code, voice and digital communications.

Members of the press and public are invited to visit.

Essex Skypark is located at 1401 Diffendal Rd. off of Back River Neck Rd. Directions to the site can be found below.

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

The Aero Amateur Radio Club began as an employee activity sponsored by the Glenn L. Martin Co. in 1946. Although the club is no longer sponsored by Martins it has been continuously active in the Essex-Middle River area.

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For information about the Aero Amateur Radio Club, visit www.aeroarc.us.

Directions to Essex Skypark W48.



The Skypark is located at 1401 Diffendall Road, in Essex Maryland. It is approximately 4.6 miles south of intersection of Eastern Boulevard MD 150 and Stemmers Run Road.

From Eastern Blvd. and Stemmers Run road go South on Stemmers Run Road it turns into Back River Neck Road. Stay on Back River Neck Road for approximately 4.1 miles you will see an Airport sign Essex Skypark. Make the right turn go about ½ mile the Field Day site is on the right just before the parking lot.

You can also reach the Airport by taking Baltimore Beltway I695 past exit 35 or JFK I95 (exit 33SB or 64NB) and going toward Essex. After passing Pulaski Highway RT 40 (exit 35) stay in the left lane and take RT 702. Stay on RT 702 till the end it runs into Back River Neck Road. Go about 1.6 miles and you will see the Airport sign on the right. Make a right turn and go about ½ mile. The site is on the right.

If you plan a fly-in the Airport's FAA designation is W48, located on the Washington Sectional and is 3 nm SE of Baltimore City. Use CTAF/UNICOM 122.7.

Field Day Help Needed

Field Day officially runs from 2 p.m. Saturday to 2 p.m. Sunday. But in addition there is work to be done prior to and after the event.

We need help setting up the equipment and antennas prior to and after the event. Setup begins Friday afternoon at about 4 p.m. What doesn't get accomplished Friday must be completed on Saturday morning and afternoon so that W3PGA is on the air at 2 p.m.

If you can, please come to the skypark to lend a hand.

Also during operations we need operators to keep the transmitters going. Please try to help by setting at least an hour aside to get on the air.

After the operation is over, we will again need help taking down the antennas and packing up the gear. Once again, please lend a hand if you can. Breakdown begins at 2 p.m. Sunday.

From T-MARC

April 2013

Applications in Process:

DelMarVa Group -- Received application for CTCSS change and ERP increase for 448.8250- in Delaware City, Delaware. Waiting on adjacent channel in Pa. for test results.

Harford County RACES Possible frequency for VHF narrow-band found.
Request test before coordination.

Network Engineers Repeater Assoc. Waiting for clarification on several systems for modification of coordinations.

On Air Status Requests sent to:

443.0500	K3CRK	Smyrna, Delaware
145.2500	KK3L	Damascus, Md.

Coordinations Withdrawn / Cancelled:

146.8500-	Blossom Point ARC	Blossom Point, Md.
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Other:

Received 1 Notice of Proposed Coordination for UHF link from South East Repeater Association.

Received 1 Notice of Proposed Coordinations for 6 meter pair from Western Pa. Repeater Council.

Received 5 Notice of Proposed Coordinations for VHF pairs from Western Pa. Repeater Council.

Received 1 Notice of Proposed Coordinations for 220 MHz pair from Western Pa. Repeater Council.

Received 1 Notice of Proposed Coordinations for 440 MHz pair from Western Pa. Repeater Council.

T-MARC

The Mid-Atlantic Repeater Council

www.tmarc.org

From the Skies over Mt. Essex

rev 5-13-13

SKY Events for June 2013

June 1st – 18th- Mercury in West as Dust upper left from Venus closest on the 18th, 2° apart.

June 3rd- Moon is 4° N of Uranus at 04:00 EDT.

June 8th- New Moon.

June 10th- Moon is 6° S of Mercury at 19:00 EDT.

June 12th- Mercury is 24° E of the Sun.

June 14th- Earliest sunrise.

June 16th-- First Quarter Moon, Venus is 6° N of Aldebaran at 06:00 EDT.

June 20th- Longest day at 40°N latitude 15hr01min.

June 21st – Summer begins at 01:04 EDT.

June 22nd- 23rd- ARRL Field Day - “Good Weather and Good Luck!”

June 23rd- Full Moon “**Raspberry**” for the Shawnee American Indian tribe and the “**Strawberry**” Traditional Full Moon Names.

June 24th- Latest twilight.

June 27th- Latest sunset.

June 30th- Last Quarter Moon.

Planet Lookout at mid-Month

Sunrise 05:39 EDT and Sunset 20:35 EDT

Mercury - Dusk in the West, Mag -0.9, size 8.8 arc sec.

Venus - Dusk in Western Sky, Mag -3.9 Size 10.7 Arc sec.

Mars – Out of sight this month in the glare of the Sun.

Jupiter - Out of sight this month in the glare of the Sun

Saturn - East in evening sky Mag +0.4 size 18.2 arc sec.

Uranus - Dawn sky . Mag +5.9 size 3.4 arc seconds.

Neptune - Dawn sky. Mag +7.9 size 2.5 arc seconds.

Lunar Latin and other stuff!

Other than the Earth which other heavenly body has oceans, seas, bays and mountains. Hint..we get a full one every 28 days. The Moon, correct! Before the advent of the telescope in 1610, the Moon was thought to have oceans and seas just like the Earth. That was until Galileo discovered lumps on the Moon. The so called Seas weren't made of water. He also discovered that the Earth's nearest neighbor was full of creators. The wet Moon suddenly became dry and barren after 1610. But the names stayed, but in Latin! The Lunar (lunar – moon) *Maria*, Latin for "seas" we can see 16 on the near side of the Moon.

<u>Mare Anguis</u>	Serpent Sea
<u>Mare Cognitum</u>	Sea that has become known
<u>Mare Crisium</u>	Sea of Crisis
<u>Mare Fecunditatis</u>	Sea of Fecundity
<u>Mare Frigoris</u>	Sea of Cold
<u>Mare Humorum</u>	Sea of Moisture
<u>Mare Imbrium</u>	Sea of Showers
<u>Mare Ingenii</u>	Sea of Cleverness
<u>Mare Insularum</u>	Sea of Islands
<u>Mare Nectaris</u>	Sea of Nectar
<u>Mare Nubium</u>	Sea of Clouds
<u>Mare Orientale</u>	Eastern Sea
<u>Mare Serenitatis</u>	Sea of Serenity
<u>Mare Spumans</u>	Foaming Sea
<u>Mare Tranquillitatis</u>	Sea of Tranquility
<u>Mare Vaporum</u>	Sea of Vapors

There are also other bodies of water (dry areas) on the Lunar surface they are:

Oceanus, is Latin for “ocean” 1 ocean “Procellarum”

Sinus, Latin for” bay” = 11 bays

Lacus, Latin for” lake or hole” = 20 lakes

Paludis, Latin for “swamp or marsh” = 3 marshes



From Mt. Essex.



June 2013

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2	3	4	Meeting Coffman's 7:30 pm	5	6	7
Manassas Hamfest www.manassashamfest.org			28.445 Mhz 8 pm			ARRL VHF Contest also 6/9
9	10	11	12	13	14	15
16	17	18	Meeting Coffman's 7:30 pm		Field Day Essex Skypark	Field Day Essex Skypark
19	20	21	22	23	24	25
Field Day Essex Skypark			147.24 Mhz 8 pm			
26	27	28	29	30		