

THE AERO AERIAL



The newsletter of the Aero Amateur Radio Club

Volume 6 Issue 11
November 2009

Editor Frank Stone AC3P

Officers

Joe Miko	WB3FMT	President
Bob Venanzi	ND3D	Vice-President
Frank Stone	AC3P	Recording Secretary
Pat Stone	AC3F	Corresponding Secretary
Warren Hartman	W3JDF	Treasurer
Ken Lea	KB3JVP	Property Mgr

Committees

Repeater	Phil Hock W3VRD
VE Testing	Pat Stone AC3F
Public Service	Bob Landis WA3SWA
ECOMMS	Joe Miko WB3FMT
Contests	Bob Venanzi ND3D
Trustee	Frank Stone AC3P

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

Net Reports

2 Meter Net: AC3P (NCS) W3JEH KB3JVP W3VRD KA3SNY KB3PGN
70 Cm Net: WB3FMT (NCS) W3JEH AK3RX AC3P W3VRD KA3SNY
10 Meters: WB3FMT (NCS) W3JEH W3VRD K3ROJ AC3P KA3SNY

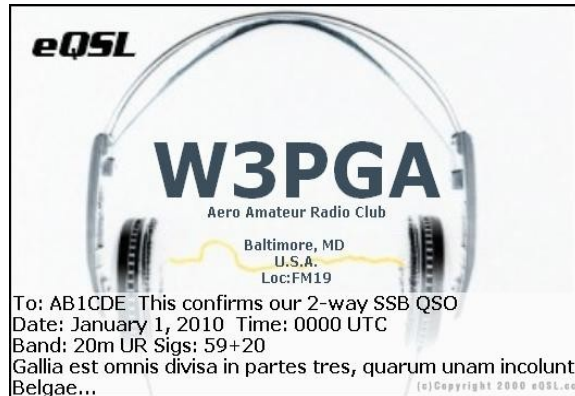
LOCAL AREA NETS

Day	Time	Frequency (MHz)	NET NAME
Daily	9 – 10 am	147.03	ORIOLE Net
Daily	6 – 6:30 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

Station Activities

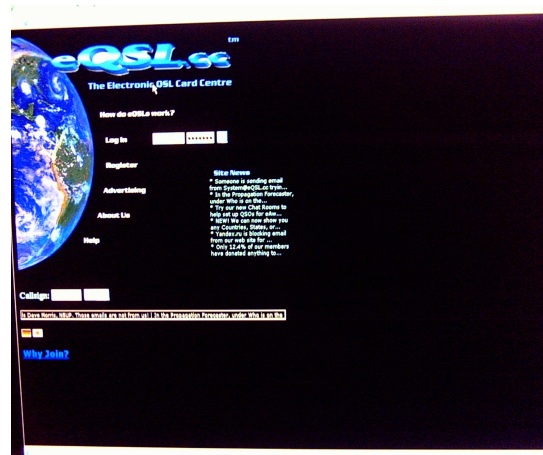
KA3OUT has been seen on the roof of his house installing a B&W folded dipole for 4 to 30 MHz. This will really tweak the nose of the neighborhood association. **KB3PGN** has been operating portable 7. **KB3JVP** is back on second shift. **N3CVA** made a surprise visit to Coffman's to thank Aero for its public service support.

What's E-QSL ? Part II

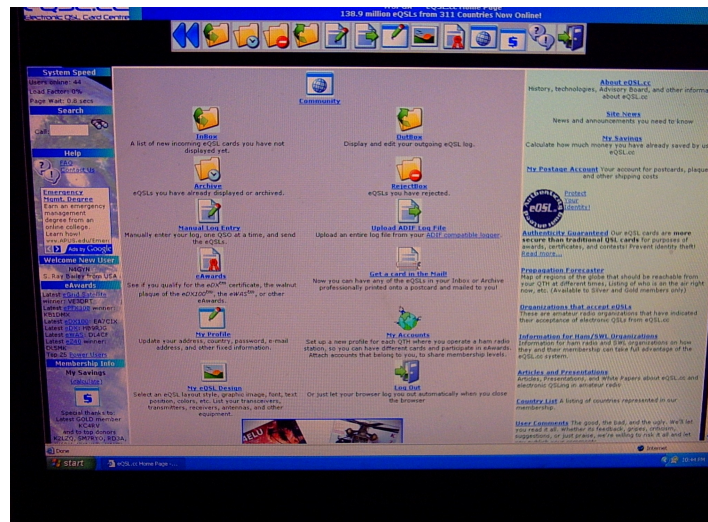


In last month's issue of *The Aero Aerial* we discussed how to register with E-QSL. This month we will look at choosing a QSL design.

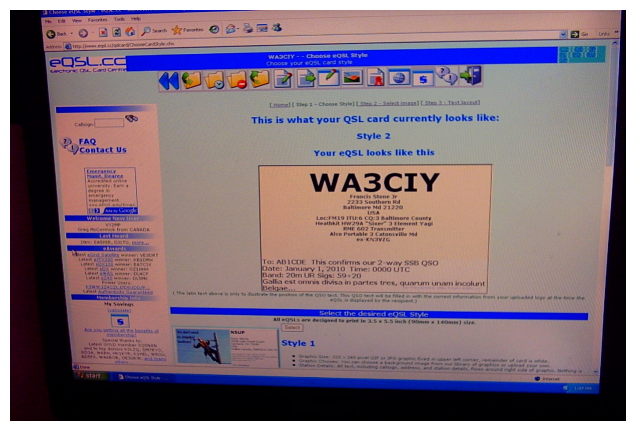
Again you start by logging onto the E-QSL Web-page with your callsign and password.



Once you are logged in you receive the following screen:

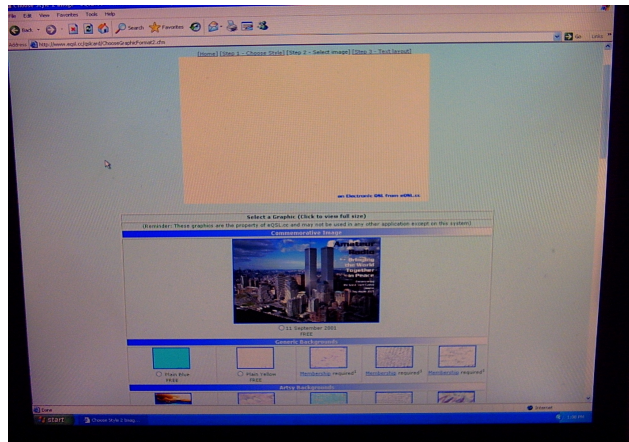


On this screen select *My QSL Design*. Then you will go to the next screen.



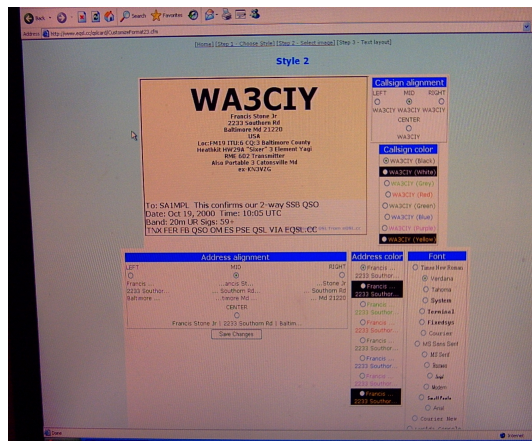
This screen allows you to select a QSL style. The first two selections are free. To choose any others requires a donation to upgrade your e-qsl membership.

After selecting a style. Go to step 2 in the process which is in the first text line on the screen. That selection will take you to the next screen.



Now you must select an image for your eqsl. Some images are free but most require a donation for higher level membership.

After selecting an image got to step 3 of the process. This will take you to the following screen:



On this screen you set up the text layout. This will complete the design of your e-qsl.

Next month we will discuss qsl retrieval, response and archiving.

VE Corner *by AC3F*

On September 19th there was a test session at the White Marsh Public Library. Three applicants appeared for examination. One upgraded to Extra. Another upgraded to General. The third passed element 2 for the Technician License. Congratulations to all our examinees. Thanks to WB3FMT, ND3D, AK3RX and AC3P for helping with the session.

Our next test session will be at White Marsh on Saturday November 28th at 1 pm.

Aero Public Service

Aero members busy providing public service for three events in October 2009.

This first event was the American Diabetes Association Step Out '09 at the Inner Harbor on October 4th. This event was downsized from previous years so that help from other clubs was not needed. With Pat, AC3F providing Net Control and Frank AC3P as backup NCS, Joe WB3FMT monitored the start/finish position while Eric KB3JDE played shadow with the organizer and Ken KB3JVP monitored the situation at the REST Stop.



AC3F operating W3PGA Net Control



ADA Walkers

The entire operation ran for 2 hours. Due to the proximity of all stations, all operations were conducted on 2 meter simplex.

On October 10th Aero members, Bob WA3SWA, Joe WB3FMT and Frank AC3P joined with members of other area clubs to provide communications for the Annual Baltimore Marathon. This year Joe provided coverage at the mile 13 marker, Bob covered the mile 16 marker and Frank was stationed at mile 19. The marathon is a huge event and several calls were made by amateurs regarding medical attention for some of the runners.



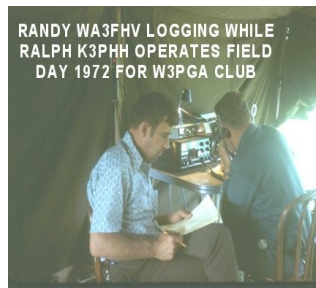
View from Mile 13



By mile 19 the crowd had stretched out

Aero members don't limit their Public Service solely to the Baltimore Area. While the Diabetes Walk was being covered on October 4, Georgianne KB3PGN was in Arizona helping support communications for a Desert Road Rally. We hope to hear from Georgianne with reports and pictures of her adventure in the Great Southwest.

Randy Schools N8HBN SK



It is with sadness that we report the passing of Randy Schools, N8HBN, ex-WA3FHV. Randy was the brother of Ralph Schools K3PHH(SK), longtime member and past officer of the Aero ARC. Randy was also a former Aero member and participated in many Field Days and VHF contests back in the 1960's and 1970's. Our condolences go out to the Schools family at this sad time.

From the Skies over Mt. Essex

SKY Events for November 2009 *by WB3FMT*

November 1st Daylight Savings Time Ends
November 2nd Full Moon aka “Beaver Moon”
November 9th Last Quarter
November 15th Planet Venus is East of the Moon before Sunrise
November 16th New Moon

November 17th Leonids Meteor shower, look East around 3 am. Estimated 100
meteors per hour.

November 23rd Planet Jupiter is below the Moon

November 24th First Quarter Moon

Planet Lookout

Mercury – Too close to the Sun Venus - Before dawn in the low in the East (very bright)

Mars – Rises before midnight Jupiter- Due South before midnight (very bright)

Saturn- Mid-month raises 4 hrs before Sunrise

FAQ's

How far can you see with that thing?

This is like asking a ham radio operator how far can you talk? It becomes a matter of semantics. In radio it depends on the frequency, power of the transmitter, and type and size of the antenna. And “Yes” size does matter.


Your unaided eye (1/4 inch in diameter) can see the Andromeda Galaxy M31, which is 2 million light years from Earth. A light year is 5.8 trillion miles.

The Sun the nearest star is 93 million miles from Earth at the speed of light 186,282 miles per second; the Sun is 500 seconds from Earth.

A telescope utilizes lenses or mirrors to collect light. A 60mm lens collects 73x the light gathering power of an eye, an 203 mm (8 inch lens) collects 820 times the normal eye. The bigger the lens the more light gathering ability the telescope has. Objects of the same size appear dimmer the further they are from the Earth. This is Inverse-square law of light which is an object twice as far is 4 times fainter. So bigger telescopes will allows us to see fainter and further away from the Earth. An 8 inch amateur telescope should be able to see 3C273 a quasar which is estimated to be 2-3 billion light years from Earth.



November 2009

			Meeting Coffman's 7:30 pm			ARRL Sweepstakes CW
1	2	3	4	5	6	7
ARRL Sweepstakes CW			10 Meter Net 28.445 Mhz 8 pm			
8	9	10	11	12	13	14
			Meeting Coffman's 7:30 pm			ARRL Sweepstakes Phone
15	16	17	18	19	20	21
ARRL Sweepstakes Phone			2 meter Net 147.24 Mhz 8 pm	Thanksgiving Day 		Radio License Test White Marsh Library 1 pm
22	23	24	25	26	27	28
29	30					

