

THE AERO AERIAL



The newsletter of the Aero Amateur Radio Club
Middle River, Md
Volume 6 Issue 12
December 2009

Editor Frank Stone AC3P

Officers

| | | | |
|----------------|--------|-------------------------|----------------|
| Joe Miko | WB3FMT | President | Repeater |
| Bob Venanzi | ND3D | Vice-President | VE Testing |
| Frank Stone | AC3P | Recording Secretary | Public Service |
| Pat Stone | AC3F | Corresponding Secretary | ECOMMS |
| Warren Hartman | W3JDF | Treasurer | Contests |
| Ken Lea | KB3JVP | Property Mgr | Trustee |

Committees

| |
|-------------------|
| Phil Hock W3VRD |
| Pat Stone AC3F |
| Bob Landis WA3SWA |
| Joe Miko WB3FMT |
| Bob Venanzi ND3D |
| 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: No Net

10 Meters: AC3P(NCS) W3VRD KA3SNY

LOCAL AREA NETS

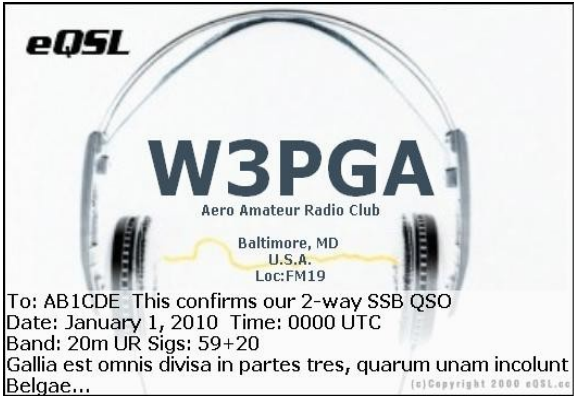
| Day | Time | Frequency (MHz) | NET NAME |
|----------------------|----------------|-----------------|-----------------------------------|
| Daily | 9 – 10 am | 147.03 | ORIOLE Net |
| Daily | 6 – 6:30 pm | 3.820 | Maryland Emergency Phone Net |
| Daily | 6:30 – 7 pm | 146.670 | Baltimore Traffic Net |
| 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

Congratulations to **WB3FMT** and XYL, Mary, on their 40th. **AI3G** has a new email address. Check the roster. Congrats to **KB3FII**, **Amy**, harmonic of AC3F and AC3P on passing the driving test. Everybody clear the road! **AC3P** is playing Elmer. **ND3D** is much sought after during contest season. **W3VRD** is downsizing his station.

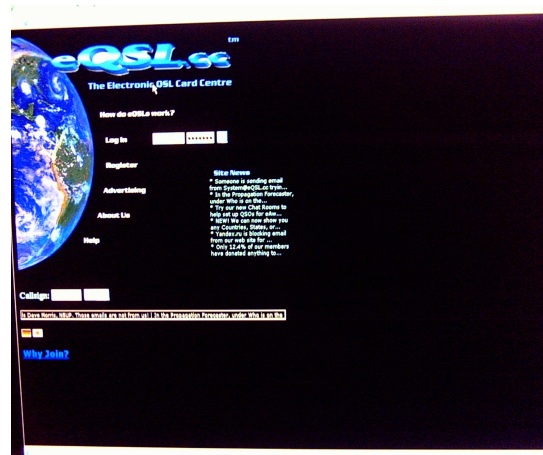
QST QST QST....Dues are due the first meeting in January.....AR

What's E-QSL ? Part III

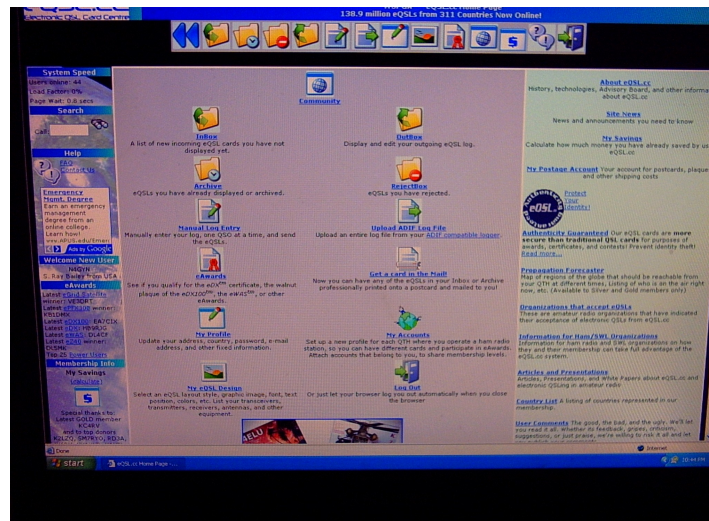


In last month's issue of *The Aero Aerial* we discussed choosing a QSL design. In this installment we will study, retrieving and responding to an E-QSL.

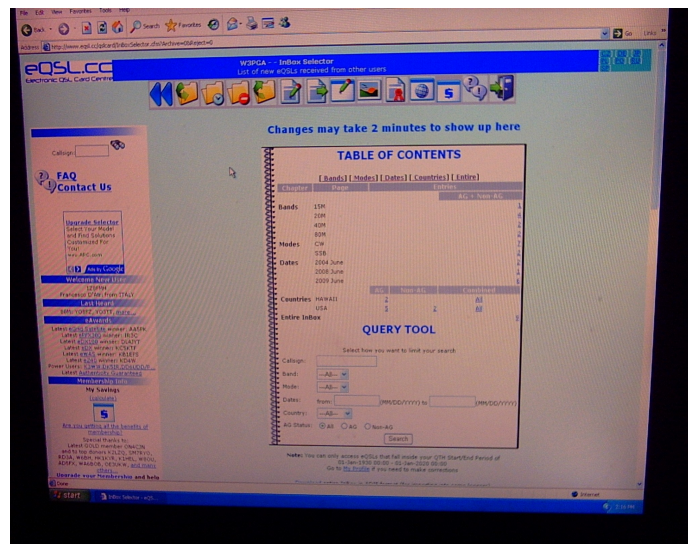
Again you start by logging onto the E-QSL Web-page with your callsign and password.



Once you are logged in you receive the following screen:

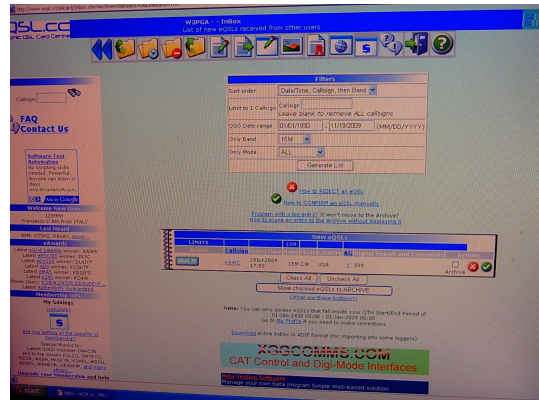


On this screen select *In Box*. Then you will go to the next screen.

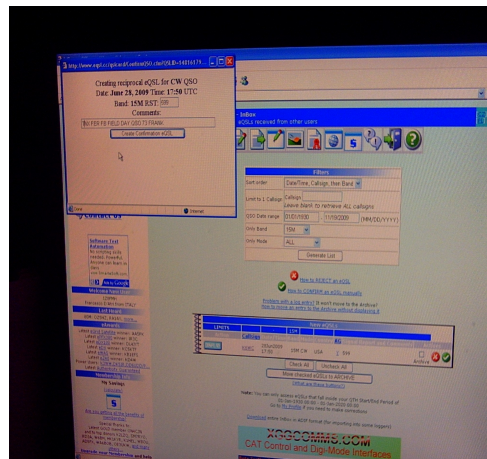


This screen displays any incoming EQSLs listed by year or band.

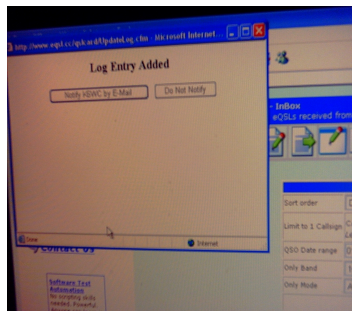
Select how you want to list the incoming EQSLs and you will get another screen which lists the call signs and dates for the contacts.



To see the incoming EQSL click on Display.
 To Confirm and send an EQSL click on the GREEN Check symbol.
 To Reject an EQSL click on the RED X symbol.
 If you click on the Green Check, you will get a pop-up box to include a message on the EQSL.



After entering your message and confirming the EQSL you will get a confirmation screen



For Sale

CLASSIC YAESU STATION:

FT-101ZD Transceiver 160 – 10 Meters (including WARC) 100 Watts
FV-101DM Digital Memory VFO
FTV-901R Transverter (with Modules for 50, 144, 432 MHz)
SP-901P Speaker/ Phone Patch
YO-901 Multiscope
FL-2100B Power Amplifier

Station is in working condition with connecting cables. Cosmetically 8 to 9 Will not
sell items separately. Total Price \$1200

YAESU STATION:

FT-707 Transceiver 80-10 Meters (WARC) solid state 100 Watts Price \$350
FV-707 Digital VFO Price \$150
FTV-707 Transverter with Modules for 50, 144, 432 MHZ Price \$300

Total package price: \$600

YAESU VHF/UHF TRANSCEIVER

FT-726R 144 and 432 Modules Satellite Board Price \$400

YAESU VHF TRANSCEIVERS

FT-690R 50 MHZ Transceiver 1.0 Watt SSB/CW/FM Price \$200
FT-290R 144 MHZ Transceiver 2.5 Watts SSB/CW/FM Price \$200
FT-790R 432 MHz Transceiver 2.5 Watts SSB/CW/FM Price \$200

Contact Phil Hock W3VRD at bphock@comcast.net

From the Skies over Mt. Essex

SKY Events for December 2009

December 2nd Full Moon aka “COLD Moon”

December 8th Last Quarter

December 14th Geminid Meteor shower, look SouthEast around 2 a.m. Look up about 82° above the horizon near the star Castor. Several dozen meteors per hour are expected.

December 16th New Moon

December 18th Planet Mercury reaches greatest elongation 20° East of the Sun.

December 21st Solstice 12:47 pm. Winter begins in Northern Hemisphere

December 24th First Quarter Moon

December 31st Full Moon A real “BLUE Moon”

Planet Lookout

Mercury - In the West at Sunset. Venus – Before dawn very low in the East.

Mars – Rises around 9:30 pm local Jupiter- Due South before midnight.

Saturn- Rises just after midnight.

BLUE Moon Event

This December we will have a BLUE Moon that is a second full Moon in one month. From Wikipedia:

The [Farmer's Almanac](#) defined *blue moon* as an extra full moon that occurred in a season; one season was normally three full moons. If a season had four full moons, then the third full moon was named a *blue moon*.

Recent popular usage defined a blue moon as the second full moon in a month, stemming from an interpretation error made in 1946 published by astronomy magazine “SKY and Telescope” that was discovered in 1999.

FIRE from the SKY

The recent meteor showers the past months (Oct., Nov, and Dec.) can be heard on radio as well as seen in the sky. Radio signals will bounce off the meteor trails. To hear them all you need is an FM radio and tune to a station that is “over the horizon” about 100 miles away. This works on frequencies between 30 to 300 MHz. When listening to the over the horizon radio station you will hear “pings” and “flutter” from that station. This is caused by the ionized trail that the meteor makes when it burns up in the atmosphere. Most of the meteors that we see are the size of a grain of sand hitting the Earth upper atmosphere about 50 miles high and traveling between 26 to 44 miles per second.

AERO AMATEUR RADIO CLUB 20 DAYS AND 20 NIGHTS OF FUN

When: 0000 UTC Monday 01 January 2010 (1900 EST Sunday 12/31)
Until
2359 UTC Saturday, 20 January 2010 (1859 EST Saturday 1/20)

Who's Eligible: All current AERO members.

Location: No contacts beyond 250 miles of your home QTH.

Bands & Modes: Work any legal mode and band allowed by your license class. However, no repeater, Echo Link nor IRLP contacts are permitted.

Exchange: Call, Name, and State

Scoring: Each contact will be worth the sum of all numerals in the main portion of the call sign worked. Do not add the portable designator to the sum.

| | | |
|-----------|-----------|-------------------------------------|
| Examples: | 9Q1D | 1 pt !!! |
| | WA3SWA | 3 pts |
| | TI7/K4XXX | 4 pts |
| | K6XXX/3 | 6 pts |
| | 4N7ZZ | 7 pts |
| | V26R | 8 pts |
| | L73X | 10 pts |
| | S58D | 13 pts |
| | J7ØJ | 17 pts (each digit Ø counts 10 pts) |
| | 4N5ØØZZ | 25 pts !!! |

Bonus: Worked all numbers 0 thru 9 50 pts
Worked all US time Zones 25 pts (4 continental time zones)
Word in suffix of call (example ka3OUT) 5 pts
Worked all letters of the alphabet as
the first letter of the suffix of the call 100 pts
Examples: K3AAC, VE6BQW, LU7CHY, G3DDE count for the letters
A, B, C, and D respectively.

Other Info: The same station may be worked only once regardless of band or mode.
Winner of this contest will run the contest next year.
Exercise good operating practices at all times.

Submissions: For your use, an excel worksheet shell for your log sheet will be included with the December mailing of the Aero Club newsletter.

Results: E-mail log sheets to nd3d at arrl.net by January 27, 2010. Contest results will be reported at the February 3, 2010 meeting of the AERO Club!

GOOD LUCK & HAVE FUN!



December 2009

| | | | | | | |
|--|-----------|-----------|--|-----------|---------------------------|--|
| | | | Meeting Coffman's 7:30 pm | | ARRL 160 Meter Contest | ARRL 160 Meter Contest EME Contest |
| | | 1 | 2 | 3 | 4 | 5 |
| ARRL 160 Meter Contest EME Contest 6 | 7 | 8 | 10 Meter Net 28.445 Mhz 8 pm 9 | 10 | 11 | ARRL 10 Meter Contest 12 |
| ARRL 10 Meter Contest 13 | 14 | 15 | Meeting Coffman's 7:30 pm 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 2 Meter Net 147.24 Mhz 8 pm 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 70 cm Net 449.575 Mhz 8 pm 30 | 31 | | |
| | | | | | | |

