

THE AERO AERIAL



Sputnik 1 October 4, 1957
50 years of Space Flight

The newsletter of the Aero Amateur Radio Club

October 2007 Volume 4 Issue 10

Editor Frank Stone AC3P

Officers

Frank Stone	AC3P	President
Bob Landis	WA3SWA	Vice-President
Joe Miko	WB3FMT	Recording Secretary
Pat Stone	AC3F	Corresponding Secretary
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Frank Stone AC3P
Joe Miko WB3FMT
Bob Landis WA3SWA
Frank Stone AC3P
Al Alexander K3ROJ

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: <http://www.aeroarc.us>

Net Reports

2 Meter Net : WB3FMT(NCS) AC3P AC3F KB3KRW KB3PGN KA3SNY W3JEH
 70 Cm. Net: WB3FMT(NCS) AC3P KB3KRW KA3SNY KB3PGN W3JEH AC3F
 10 Meter Net: WB3FMT(NCS) KA3SNY KB3PGN KB3KRW W3JEH

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
2 nd Tues	7:30 pm	146.670	Baltimore County <u>RACES</u> COMMEX
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

KB3KRW, AC3P and AC3F were heard on the ARRL VHF Contest. K3CXC was seen at Coffman's. KB3JVP got the ok to put up his tri-band vertical. N3ATZ burns the midnight oil on the 147.24 machine.

Emergency Communications

By WB3FMT



The September Commex was held on September 11th. Joe WB3FMT brought up Sheppard-Pratt. Doug KB3KRW activated St. Joseph's Hospital. Frank AC3P ran the station at Franklin Square Hospital.

There was no special scenario but the equipment was inventoried and tested.

Baltimore County Races has a new digitally encoded repeater on 2meters for use during drills and actual deployment. The new machine is on 145.145 Mhz.

50 Years in Space

October 4th marks the 50th anniversary of the launch of the first artificial satellite, Sputnik 1 by the then Soviet Union.

The launch of this pioneer of spaceflight caught everyone by surprise. It was planned that the United States would launch a satellite, Vanguard 1 as part of the 1958-59 International Geophysical Year, but the Russians beat the U.S. to the punch.

While Sputnik had little in the way of scientific instrumentation, it did have a radio beacon in the 20 Mc. band, allowing amateur radio operators around the globe to track its progress.

The launch of Sputnik created a surge of interest in the sciences and caused schools in the U.S. to beef up their science curricula.

On a personal note, this author was 11 years old at the time. Not allowed to go outside in the wee hours of the morning, I waited at the front door of my home in Middle River to try and catch a glimpse of the first artificial moon. While I did not see the actual satellite, the sky lit up and I heard an unusual noise. Many years later I learned that what I saw was the re-entry of the rocket booster.

Public Service

By AC3P

Diabetes Walk

The club will be coordinating communications for the ADA “America’s Walk” in downtown Baltimore again this year. As in previous years the walk will begin and end at M&T Bank Stadium parking lot. The walk is scheduled for Saturday, October 6 at 8 a.m. and end by 11:30 a.m. If you can help, contact Frank AC3P by email ac3p21220@yahoo.com.

Baltimore Marathon

Help is needed in providing support communications for the Baltimore Marathon. The race takes place on Saturday October 13th. To help, contact Ian, N3CVA by email to n3cva@hotmail.com.

Komen Walk for the Cure

The Susan B Komen Walk for the Cure is in need of support amateur radio operators. The walk is to be held in Hunt Valley on Sunday October 14. To volunteer, contact Ian, N3CVA by email to n3cva@hotmail.com.

New Membership Application

As many of us know, Aero is a rather informal group. Over the past few years all one had to do to join the club was show up at a meeting. Of course this practice makes it difficult for the club secretary to keep track of who the members are.

Due to popular demand the club has created a membership application form which is included as the last page of this issue. Beginning with the 2008 membership year we are asking that all current club members fill out the application and return it to Joe, WB3FMT for his records. This will help Joe keep the club roster up to date.

In future all new prospective members will fill out the membership application as part of the process of joining the club.

Here We Are!

Joe, WB3FMT, has updated the map showing the locations of the membership. He knows where we live. Should we worry?



AERO AMATEUR RADIO CLUB 20 DAYS AND 20 NIGHTS OF FUN

When: 0000 UTC Tuesday 01 January 2008 (1900 EST Monday 12/31)
UNTIL
2359 UTC Sunday, 20 January 2008 (1859 EST Sunday 1/20)

Who's Eligible: All current AERO members

Location: All contacts must be made within a radius of 25 miles of your home QTH.

Frequency/Mode: Any mode legal within your license class on any amateur band. This excludes repeater, EchoLink, internet, & IRLP contacts. (satellite OK).

Exchange: Call, Name, and State

Scoring: The sum of all numerals in the main portion of the callsign. Do not use portable designators.

Examples:

9Q1D	1 pt !!!	V26R	8 pts
WA3SWA	3 pts	L73X	10 pts
TI7/K4XXX	4 pts	S58D	13 pts
K6XXX/3	6 pts	J7ØJ	17 pts (each digit Ø counts 10 pts)
4N7ZZ	7 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 (ie 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, count for the letters A, B, and C.

Misc.: The same station may be worked only once regardless of mode or band.
 Winner of contest will receive an award in addition to running the contest next year.
 Exercise good operating practices at all times

Submissions: Log sheets in the MS Excel format: (A shell for your log sheet will be included with the December mailing of the Aero Club newsletter.)

Due Date: Turn in log at the Aero Club meeting on 6 February 2008 or e-mail your log to d_erner@msn.com by 4 February 2008.

GOOD LUCK & HAVE FUN!

October 2007

	1	2	3 Meeting Coffmans 7:30 p.m	4 Sputnik 1 Launch 1957	5	6 ADA Baltimore Walkathon
7 CARAfest Howard County Fair Grounds http://www.carafest.org/	8	9	10 10 meter Net 28.445 Mhz 8 p.m.	11	12	13 Baltimore Marathon
14 Komen Walkathon Hunt Valley	15	16	17 Meeting Coffmans 7:30 p.m.	18	19	20
21 Radiofallfest Davidsonville Md http://www.maarc.org/RadioFallFest.htm	22	23	24 2 meter Net 147.24 Mhz. rpt 8 p.m.	25	26	27 CQ DX Contest
28 Mason-Dixon Hamfest Westminster, Md http://www.qis.net/~k3pzn/mdhfest.htm CQ DX Contest	29	30	31 70 cm Net 449.575 Mhz rpt 8 p.m.			



Membership Application

Name _____ **Call** _____

Address _____

City _____ **State** _____

Zip _____ **Phone** _____

Email _____

ARRL Member ?(yes or no) _____

Type Aero Membership Regular (check one)

Regular _ **Family**_

Regular dues (\$12/year) Family dues (additional \$2 per year)

If Family, call-sign of Regular Member _____

I agree to abide by the FCC rules and Regulations and to abide by the goals and by-laws of th Aero Amateur Radio Club.

Signature _____ **Date** _____