

THE AERO AERIAL



1946 - 2006 SIXTY YEARS OF PROMOTING AMATEUR RADIO



AL K3ROJ OPERATING AT THE CLUB STATION IN WILSON POINT DURING THE LATE SIXTIES W3PGA AERO RADIO CLUB



AL K3ROJ using a straight key on solar power QRP. Field Day 2005

The newsletter of the Aero Amateur Radio Club

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Editor Frank Stone AC3P

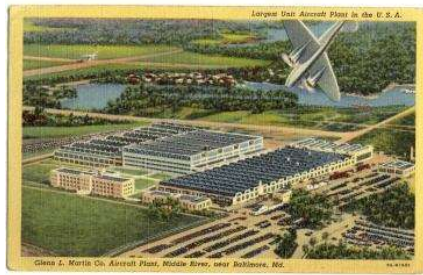
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Bob Landis	WA3SWA	President
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Repeater/Trustee	Phil Hock W3VRD
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Public Service	Frank Stone AC3P
RACES/ARES	Joe Miko WB3FMT
Contests	Bob Landis WA3SWA

60 Years and Counting



Back in the mists of time after shutting down December 8, 1941 Amateur Radio was again returning to the airwaves. World War II had ended and hams were putting there shacks back together.

Along with this welcome development was the formation of new local radio clubs.

In Middle River and Essex the Glenn L Martin Co. was still a major employer and had during the war years instituted many activities for its employees. There were thriving baseball, softball, basket ball and bowling teams. There was a marching band and a hunting and fishing club. With the return of amateur radio there was an opportunity to start a club for the technical minded. This formed the foundation a radio club.

The Aero Amateur Radio formed in 1946 with the approval of Mr. Glenn L Martin himself. The club shared facilities for a time with the MARCO hunting and fishing club. A club station was established on the Martin Company property and was very active. At one time the roster had grown into the hundreds. The members were involved in Civil Defense communications, Field Days and VHF Contests. There was a very active TVI committee to help local hams cure interference to those pesky Muntz TVs.

In the late 1950's Mr. Martin passed away and the new management disassociated itself from employee activities. The club then had to move off Martin property. With layoffs at the plant membership went on the decline but a core of fellows kept things going, establishing a VHF and UHF repeaters at Kenwood High School, continuing emergency communications support for the county, and taking part in Field Days and VHF Contests.

Today the club is still very active on the local scene. The numbers may be fewer than the roster in the mid-1950's but we burst the seams at Coffman's Diner for our meetings and still play a major role in local public service.

The original roster may have joined the ranks of Silent Keys, but one thinks that they would take a bit of pride in what they started back in the mists of time.

2005 – A Look Back

Another year enters the history book for the Aero Amateur Radio Club. As we get ready to celebrate the club's 60th Anniversary, it is good to take a look at what was accomplished in the past twelve months.

In January WA3SWA took first honors for the AERO Club Contest. Both He and K3ROJ managed to put W3PGA/8 in first place for the ARRL Division during the January VHF Contest.

February saw the club continued support of emergency communications handling ARES/RACES drills with the introduction of WINLINK 2000 on 2 meters. AC3F was near ground zero during the Dundalk Earthquake.

In March K3ROJ ascended the pinnacle to Extra at the Aero Test session.

For April our members helped BRATS with the MS walks.

May saw us provide ARES/RACES communications for the Hurricane Hunters' visit to Martin State Airport. We also gave BARC a hand with the March of Dimes Walk America. KB3KRW attained Extra at our testing event. The KB3KRV Squirrel Wars began while KB3KRW began.

In June we again teamed up with BRATS for Field Day at Camp Genyara and compiled one of our better scores for the event. Some of us trekked down to the Eastern Shore to help with the MS Bike Tour coordinated by BRATS

July saw us assisting BRATS at the Towson July 4th Parade providing digital communications for the event. Another Test Session was held at the end of the month.

In August KB3KRV introduced us to WX Satellite downloading with pictures of threatening hurricanes.

September brought a terrible hurricane parade through the southeast states. AC3P received health and welfare requests from phone and WINLINK which were relayed to the SATERN Net in the region. AC3F continued the Test Sessions at White March. W3PGA/8 was on the air again from West Virginia.

In October AERO Coordinated the Baltimore Walk for Diabetes in the Federal Hill area with help from BRATS and BARC. In cooperation we returned the favor by manning locations for the 2005 Baltimore Marathon.

November witnessed the last test session of 2005.

In December we took some time off for our individual interests working contests, trying new and old gear and looking for any RF goodies in our stockings from Santa.

WA3DZZ SK



View from WA3DZZ Funeral Procession photo by K3ANG

On November 29th Terry Turchin WA3DZZ age 57 suddenly passed away. Terry was a member of BRATS and a member of the Pikesville VFD. He had several repeaters on the air in the Baltimore area.

Terry was first licensed in the late 1960's and became a regular fixture on both the 146.67 and 147.03 MHz repeaters from their beginnings.

Terry could probably be credited with inventing the concept of Metro Traffic Control heard on a lot of broadcast radio stations. During the heyday of repeaters he would bring up impromptu nets during inclement weather, talking emergency calls and traffic reports in the Baltimore area. He did this to help out local hams during drive time on snowy days. This concept was later developed by others into live traffic reports on various local radio stations using commercial radio.

Terry worked at the Maryland School for the Blind and was dedicated to helping the kids there in any way he could. He was responsible for initiating a fire safety program at the school and bringing fire equipment to the campus for the students to have a hands-on touch and sound experience for the students.

Terry was an avid model railroader who had quite an extensive layout. He also was the proud owner of Dalmatians which we brought to fire department events.

Terry was laid to rest with full fire department honors. His funeral was attended by large contingents from the Maryland School for the Blind, the Volunteer Fire Companies and the Amateur Radio Community.

73 Terry. May you Rest in Peace. Our sincere condolences to Barbara and family.

Net Reports

2 Meters: WB3FMT (NCS) W3VRD W3JEH AC3P K3ROJ KB3KRW KB3JDE

70 Centimeter: AC3P (NCS) KB3KRV KB3KRW WB3FMT; W3JEH and KB3JDE via 2 meters.
Net was simulcast on both repeaters.

10 Meters: WB3FMT (NCS), KB3KRW, WA3TAD, AC3P, W3JEH, K3ROJ

LOCAL AREA NETS

Day	Time	Frequency (MHz)	NET NAME
Daily	9 – 10 am	147.03	ORIOLE Net
Daily	6 – 6:30 pm	3.920	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

W3VRD has completed winterizing the fleet and hopes to get more airtime in. AC3P was heard on the top band during the 160 meter contest. Frank is also playing with a Drake R2B receiver that son KB3KRW found at the bottom of a trash pile. W3JEH and KB3BRW were conducting EMP experiments during the 10 meter contest. WA3TAD is restoring hollow state receiver.

ARES/RACES

Baltimore County Reconstituting RACES Program

Last month we printed letters from Richard Muth of the BACO EOP and Al Nollmeyer regarding the apparent abandonment of ARES/ RACES in Baltimore County.

On December 20th a meeting was held at the EOP building in Towson where Lt. Jim Artis outlined plans to reorganize the county RACES program.

The new program allows for dual registration in both ARES and RACES, however the RACES component will operate independently and in line with the Maryland Emergency Management Agency plan.

ARES will continue to operate with the NGO's.

There are still a lot of details to be worked out, among them recruitment of more volunteer operators. With a commitment to staff 5 hospitals, 2 college campuses, the BACO Health Department and the ECOMM Center as well as shelters and liaisons to CERT groups, there is a great need for more amateur radio operators to get involved.

Anyone interested in volunteering as a RACES operator should contact Lt. Jim Artis

VE Report

By AC3F

The final test session for 2005 was held November 19th at White Marsh. The VE's outnumbered the examinees by 2. One new ham was created. Congratulation to Matthew Holmes KB3MXY on passing the Tech.

Thanks to AC3P, KB3KRV, KB3RMX, WA3WRT, and W3FQE for their help.

For the last few sessions there have been fewer applicants for exams. Some of the VE's who help out with the BARC sessions are reporting the same thing. We hope this is a temporary lull.

2006 Amateur Radio Test Schedule

Date	Location
January 28	White Marsh Library 8133 Sandpiper Circle White Marsh, Md. 21236
March 18	White Marsh Library 8133 Sandpiper Circle White Marsh, Md. 21236
May 20	White Marsh Library 8133 Sandpiper Circle White Marsh, Md. 21236
September 30	White Marsh Library 8133 Sandpiper Circle White Marsh, Md. 21236
November 18	White Marsh Library 8133 Sandpiper Circle White Marsh, Md. 21236

**Registration at 1:00 p.m.
Fee: \$14**

**Testing Begins at 1:30 p.m. ARRL VEC
Contact: Pat Stone AC3F email:ac3f@juno.com
Phone: 410-687-7209**

AERO AMATEUR RADIO CLUB 20 DAYS AND 20 NIGHTS OF FUN

When: 0000 UTC Sunday 01 January 2006 (1900 EST Saturday 12/31)
Until
2359 UTC Friday, 20 January 2006 (1859 EST Friday 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 and IRLP contacts. (Satellite OK).

Exchange: Call, Name, and State

Scoring: The sum of the numeric portion of the callsign. Do not use portable designators.

Examples: WA3SWA = 3 pts
K6XXX/3 = 6 pts
S58D = 8 pts (S5 is the prefix for Slovenia)
TI7/K4XXX = 4 pts
L73X = 3 pts (L7 is the prefix for Argentina)
The number 0 or 00 = 10 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 (i.e. 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 letters A, B, C, and D.

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

Submissions: Log sheets in the following format: MS Excel preferred (I will design a spreadsheet for this purpose)

Date	Time UTC	Band	Mode	Call	Name	QTH	Points	Bonus Notes
4-Jan	1646	15	PSK	EC8AUZ	Pedro	Santa Brigida, Grand Canary Is.	8	"A"
4-Jan	1656	15	PSK	KC0MDK	Ben	Mankato, MN.	10	CST+"M" EST
4-Jan	1720	15	PSK	KA3OUT	Tony	Rosedale, MD.	3	5+Word+"O"
4-Jan	1745	15	PSK	W5AJX	Don	Houston, TX	5	
4-Jan	1800	15	PSK	W7MHC	Allan	Tucson, AZ	7	MTN
4-Jan	1823	15	PSK	KI4MI/6	Bob	Lompoc, CA.	4	25 PAC
4-Jan	2107	20	PSK	KF4ONH	Paul	Gainesville, FL.	4	
4-Jan	2216	20	PSK	KX5S	Jim	Dallas, TX	5	"S"
5-Jan	2111	20	PSK	VE7KWK	Keith	Surrey, BC.	7	"K"
5-Jan	2307	20	PSK	N0KFC	Mike	St. Cloud, MN.	10	"0"
5-Jan	2321	20	PSK	PY2NJ	Rafael	Lencois Paulista, Brazil	2	"N"
5-Jan	2347	20	PSK	HK1KYR	Jorge	Barranquilla, Colombia	1	"1"
6-Jan	0023	20	SSB	WB7WNF	Raleigh	Sumner, WA	7	"7"+"W"
10-Jan	2354	20	SSB	K3ROJ	Al	Essex, MD	3	"3"+"R"
11-Jan	1810	20	PSK	VE2UC	Jean	Quebec City, QU.	2	"2"+"U"
11-Jan	1815	20	PSK	KC5BYE	Paul	New Orleans, LA.	5	5"5" +word+"B"
11-Jan	1828	20	PSK	WB9APO	Terry	Chicago, IL.	9	"9"
11-Jan	1849	20	PSK	AB4ND	Tony	AL.	4	"4"
11-Jan	2055	20	PSK	N8IZY	Mike	Longwood, FL.	8	"8"+"I"
11-Jan	2119	20	PSK	W6PNW	Ray	Pipestone, MN.	6	50"6"+"P"
11-Jan	2136	20	PSK	CO8FD	Freddy	Baracoa, Cuba	8	"F"
15-Jan	0115	10	SSB	AC3P	Frank	Mobile - Dundalk	3	
15-Jan	2332	20	PSK	KA0KAF	Jeff	Post St. Lucie, FL.	10	
15-Jan	2347	20	PSK	KB0IWN	Terry	Minneapolis, MN.	10	
15-Jan	2359	20	PSK	WA4PAM	Frank	Clewiston, FL.	4	5 Word

Total the points at the bottom of each log page.
Enter the grand total at the end of the last log page.

Due Date: Aero Club meeting on 01 February 2006. (Or E-mail to WA3SWA @ wa3swa@cavtel.net) by 1600 EST 01 February 2006.

COMING EVENTS

Dec 28: 2 meter Net 147.24 Mhz. 8 pm.
Dec 31- Jan 1: ARRL Straight Key Night

Jan 4: Meeting Coffman's 7:30 pm
Jan 7-8: ARRL RTTY Contest
Jan 11: 10 Meter Net 28.445 Mhz 8 pm
Jan 18: Meeting Coffman's 7:30 pm
Jan 21-23: ARRL VHF Sweepstakes
Jan 25: 2 Meter Net 147.24 Mhz 8 pm

Jan 29: Odenton Hamfest, Md. Mobileers <http://www.qth.com/mobileers/>

Feb 1: BARC MINIFEST Timonium Fairgrounds <http://www.baltarc.org>

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://mywebpages.comcast.net/w3pga/>

Articles Wanted

The Aerial staff is continually searching for contributions. If you would like to place an article in this publication, e-mail Frank at ac3p@juno.com.

