

# **THE AERO AERIAL**



The newsletter of the Aero Amateur Radio Club

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April 2007

Editor Frank Stone AC3P

## Officers

Frank Stone	AC3P	President	VE Testing
Bob Landis	WA3SWA	Vice-President	Repeater
Joe Miko	WB3FMT	Recording Secretary	Public Service
Pat Stone	AC3F	Corresponding Secretary	ECOMMS
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Ron Distler	W3JEH	Property Mgr	Trustee
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## Committees

Pat Stone AC3F
Phil Hock W3VRD
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>

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## LOCAL AREA NETS

<b>Day</b>	<b>Time</b>	<b>Frequency (MHz)</b>	<b>NET NAME</b>
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 <sup>nd</sup> Tues	7:30 pm	146.670	Baltimore County <u>RACES</u> Net
2 <sup>nd</sup> Wed.	8 pm	28.445	AERO ARC Net
4 <sup>th</sup> Wed	8 pm	147.240	AERO ARC Net
5 <sup>th</sup> Wed.	8 pm	449.575	AERO ARC Net

## Net Reports

2 Meter Net: WB3FMT(NCS) K3ROJ KB3KRW W3JEH

10 Meter Net: WB3FMT (NCS) AC3P W3VRD KB3RMX AC3F KB3KRW

## Emergency Communications



Jim Cundiff, KB3GFC has stepped down as Baltimore County ARES® Emergency Coordinator. Joe WB3FMT has also resigned as Assistant Emergency Coordinator.

Over the past year the role of ARES® in County ECOMM plans has been reduced to the point that there has been no significant role for the organization to play. Most of the functions formerly played by ARES® are now being done by RACES.

RACES conducted a COMEX on the second Tuesday in March. Aero was well represented with AC3P at Franklin Square Hospital, KB3KRW at St. Joseph's Hospital and WB3FMT at Shepard-Pratt Hospital.

## Station Activities

The recent ice storm damaged the 6 meter squalo at AC3P/AC3F QTH. KB3JDE is working on get his 10 meter radio on the air. W3VRD restored a Hallicrafters S-88. W3JEH is busy with studies.

## VE Corner

*By AC3F*



On February 23 at 12:01 a.m. the Morse Code (Element 1) requirement was laid to rest. The following day a special Paper Upgrade Session was held in expectation of an onslaught of Techs holding CSCE for General.

Only 6 applicants showed up.

Thanks to AC3P KB3KRW K3ROJ K3YGC KB3RMX and KB3KRV for helping with the effort.

## Public Service

April opens the Public Service Season for 2007. On Sunday April 29<sup>th</sup> the annual March of Dimes Walk will take place starting and ending at Phillip's Seafood on Fort Ave. To help with this event contact the Baltimore Amateur Radio Club by email, [w3ft@arrl.net](mailto:w3ft@arrl.net).

## RESULTS for the 2007 Running of The CLUB's Operating Contest:

### 20 DAYS AND 20 NIGHTS OF FUN

The club's 2007 operating contest took place during the first 20 days and nights of January and the winner's results were truly amazing!

Leading all participants by a significant margin, Doug, KB3KRW won hands down with a score of 911 points! Doug logged a total of 127 QSO's, dividing his attention evenly between CW and phone work on nearly every HF band and 2 meters! Participation in both the CW and phone weekends of the North American QSO Party (NAQP) added significantly to Doug's score in our club contest. With so many Q's, Doug was able to coral bonus points for working stations in each US time zone, each US call district and those stations having suffix letters beginning with every letter of the alphabet! Congratulations to Doug! As part of his 'prize', Doug will run next year's contest.

Other scoring included...

- Bob, ND3D with 554 points and 72 Q's using 20 meter CW QRP,
- Phil, W3VRD with 129 points and 33 Q's using 2, 6, 15 and 17 meter phone as well as 30 and 40 meter CW,
- Frank, AC3P with 57 points and 11 Q's using 40 and 80 meter CW, and
- Bob, WA3SWA with 56 points and 9 Q's using 20 meter PSK and 15 meter phone.

Congratulations to all the participants and good luck next year!

Bob, ND3D

## The ACME All-Bander Antenna

By Joe Coyote, W1LEY

Every amateur has sought the “holy grail” of the perfect antenna. Such an antenna would keep an impedance of 50 ohms across the band and allow maximum transmitter output. Another plus would be that the antenna could be mounted just about anywhere, for mobile or fixed operation.

Enter the a perfect antenna, the ACME All-BANDER. It's compact, even stealthy. It is resonant across all hambands and produces an S.W.R. of 1:1 from 160 meters to 70 centimeters and beyond. It's guaranteed to keep the finals of any ham rig happy even without a trans-match.

The ACME ALL-BANDER uses a patented circuit housed in an enclosure to protect it from the elements. It can be mounted vertically or horizontally. As a mobile it's very low profile and can easily maneuver low clearance parking garages.



*The All-Bander Vertically Mounted*



*The All-Bander Mobile*

This antenna is exceptionally good at filtering out noise even in areas of BPL and spark plug RFI.

Transmit comparisons between the ACME ALL-BANDER and a Butternut H6V vertical showed that at the receiver the ALL-BANDER gave an S reading of S9 +10 db while the Butternut showed and S reading of S9 +40. While the ALL-BANDER may prove a bit down from the vertical, the noise level on receive for the ALL-BANDER was nil compared to an S9+ for the vertical.

Based on the noise rejection and the uniform S.W.R performance across all the amateur bands, the ACME ALL-BANDER is worth consideration as an option for those wanting portability of operation and stealthy installation.

# April

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
<b>1</b> BARC Hamfest	<b>2</b>	<b>3</b>	<b>4</b> Meeting Coffmans 7:30 pm	<b>5</b>	<b>6</b> Good Friday	<b>7</b>
<b>8</b> EASTER	<b>9</b>	<b>10</b>	<b>11</b> 10 Meter Net 28.445 MHz 8 pm	<b>12</b>	<b>13</b>	<b>14</b>
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b> Meeting Coffmans 7:30 pm	<b>19</b>	<b>20</b>	<b>21</b>
<b>22</b> York Pa Hamfest <a href="http://www.yorkhamfest.org">http://www.yorkhamfest.org</a>	<b>23</b>	<b>24</b>	<b>25</b> 2 meter Net 147.24 MHz 8 pm	<b>26</b>	<b>27</b>	<b>28</b>
<b>29</b>	<b>30</b>					

**2007**

# For Sale

## Estate Sale

<b>SWAN 350B 80, 40, 20, 15, 10 meter 125 watt transceiver</b>	<b>\$ 150</b>
<b>SWAN SWR 1A Power Meter</b>	<b>\$ 10</b>
<b>Ringo 10 meter vertical (Must be removed from roof)</b>	<b>\$50</b>

**All prices negotiable.**

**Contact Frank Stone AC3P**  
**410-687-7209 [ac3p@juno.com](mailto:ac3p@juno.com)**