



# Alliance Amateur Radio Club

# Zero Beat

Volume XXII, no 2

<http://www.w8lky.org>

February 2008

Serving the Tri-County area since 1986

## Howard, K8DXR is Ham of the Year!



And the votes are in! Due to another commitment, Howard was unable to attend the club Christmas party. So, Frank, WA8WHP surprised him with the award at the January club meeting. And a surprise it must have been, since very few of us knew which name on that plaque. Of course we weren't talking. HI HI. Congratulations Howard!



2007 Ham of The Year Howard Miller, K8DXR, accepts the plaque from the 2006 Ham of The Year, Frank Sanor, WA8WHP.

## Hiram Percy Maxim II Passes Away at 72

The grandson of ARRL co-founder Hiram Percy Maxim, W1AW, died at

home in Lyme, Connecticut on Saturday, January 12 after a lengthy battle with prostate cancer. Hiram Percy Maxim II -- called HPM just like his grandfather -- was 72.

Not a ham, Maxim told the Newington Amateur Radio League at an October 2002 meeting that he doesn't feel he shares the inventive talents of his grandfather and great-grandfather, who held many patents between them; Maxim's great-grandfather invented the machine gun.

He told the club audience that his grandfather took on radio and filmmaking as diversions from inventing -- an endeavor he considered extremely hard work. He also thought of Amateur Radio as a means to "bring together" individuals from distant locations and believed that communication was a key to better understanding other people and cultures.

The elder Maxim -- often referred to as "The Old Man," or "TOM" -- was an amateur film buff, and a highlight of his grandson's 2002 presentation was a short 16 mm film that showed the elder Maxim and some of his friends working, relaxing and frolicking on the grounds of the family's summer home in Lyme, Connecticut, where HPM II lived until his death.

His son, Merritt Maxim, told the ARRL, "Even though he didn't have an Amateur Radio license, he was aware of the importance of his family's role in founding the League. Through his father, my grandfather -- an active engineer -- he continued to maintain an interest in all things mechanical."

A memorial service will be held at the Lyme Public Hall at 11 AM on Monday, January 21. Burial will be private. Memorial contributions may be made to the Lyme Public Hall Association, 249 Hamburg Rd, Lyme, CT 06371. (TNX ARRL for this story)

## Meeting Announcement

Our next meeting will be on Wednesday, February 6<sup>th</sup> at the Alliance Community Hospital. We meet at 7:30 PM, in the first floor conference room, which is just off the west end of the cafeteria.

This months program is a short video. Subject unknown at press time.

We hope to see you there!

## Officers

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### Editor

John Myers, KD8MQ  
(See above)

## Editorial

*By John, KD8MQ*

Hello again, As I'm starting to write this, the presents have been opened, and the pigs & sauerkraut are just fond leftovers, but we are, technically, still in the "Holiday season". Hope everyone's holiday was joyous.

Congratulations to Howard, K8DXR for being voted 2007 Ham of the Year. Turn back to page one for a picture, and story.

I wasn't real pleased with the last issue of the Zero Beat. I usually always feel I can do better, but, in my view, the January issue was mediocre. Far too many errors slipped through. I can blame some of it on my recent upgrade to Office 2007. More info on that can be found on page three.

On March 9th, we'll be holding the first of what I hope will be three fox hunts this year. The others being in the summer, and fall.

It's been several years since I've been to a fox hunt, and with that in mind, I'll be preparing a short presentation on Fox Hunting for the March meeting. I'm sure I'm not the only one who can benefit from a "refresher course". We'll have a short PowerPoint presentation, with plenty of time for questions & Answers, and some show & Tell.

As of this writing, we haven't settled on the program for the February meeting. I'm sure we'll find something, though. OMO sent a link to one that looks interesting. Also, I found a link to a video on the National Radio Free Zone in west Virginia. So, we'll have something.

So, that's it for this month. See you at the club meeting.

73 all,

John, KD8MQ

## Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month. Check the meeting announcement on page 1, for the location.

Talk-in is on 145.37 @.

Meetings begin at 7:30 PM.

Visitors are always welcome.

## Nets

Thursday is our "net night," with the following nets on tap:

### Ten meters

CW @ 8PM on 28.400 MHz

SSB @ 8:30PM on 28.400 MHz

### 2 meters

9 PM on 145.37 MHz

## Internet

**Web:** [www.w8lky.org](http://www.w8lky.org)

**E-mail:** [W8lky@w8lky.org](mailto:W8lky@w8lky.org)

## Newsletter Information

The Zero Beat is a publication of the

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You can submit material to the Zero Beat via e-mail to [tvguy07@gmail.com](mailto:tvguy07@gmail.com)

## January Minutes

January 2, 2008

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on January 2, 2008 at 7:30 PM with club president Jim Ferguson, K8LTG presiding. The Pledge of Allegiance was recited, followed by introductions. There were 14 members present, along with Miriam Sanor and guests Ron McKinney, KD8FMV and Rex Simmons, KD8ELX.

For the secretary's report Don, AB8KV noted that the December minutes were in the newsletter. He reported that he had sent thank-you letters to Preston Wegman and Muriel Burkhart for their donation of equipment to the club. Also, the Burkhart call sign had been given as KB8IAB when it should have been WB8AIV. The secretary's report was then approved on a motion from Frank, WA8WHP and seconded by Howard, K8DXR.

Mary Ann, KB8IVS gave the treasurer's report. The report was approved on a motion from Joe, KC8TAC and seconded by Gladys, KB8GIA.

### Old business:

- Frank, WA8WHP presented the Ham of the Year Award to Howard, K8DXR.

### New business:

- Vice President John, KD8MQ reported that the club's ARRL special service club renewal had been completed.
- John then proposed a fox hunt for the afternoon of either March 8 or 9, with training for the event to be provided at the March club meeting. The consensus of the members favored the Sunday date, at 2:00 PM.

- John then raised the issue of whether the club should have a special event station for Carnation Days this year. After some brief discussion, it was decided to table the issue until the February meeting to allow members time to think about it.
- John also brought up the subject of a fundraiser proposal in the hope of improving the club's finances. He provided a handout showing the club's financial picture along with suggestions for structuring a raffle for an HT, with members selling tickets over a period of time. Member consensus supported the idea of a raffle, with several suggestions for other items that might be raffled instead of an HT. These included such ideas as giving the winner a choice between an HT or cash, providing a voucher that could be used at an Amateur store for any item(s) desired, and making the prize a laptop computer.

After extensive discussion, the subject was tabled until the February meeting to give the club members time to consider the various options.

- Frank, WA8WHP noted that he had an antenna that could be sold or auctioned.
- Don, K8OMO noted that with the passing of Jack, W8WEN someone was needed to take over the task of handling the FISTS QSL's and envelopes. President Jim volunteered to handle the task until a permanent replacement could be found to do the job.
- Don further noted various equipment that was still available for sale, including a Hustler mobile vertical antenna, an Eico signal generator, an HT, an audio/PA amplifier and a

Yaesu speaker. It was then mentioned that a final decision to sell the speaker had not yet been made.

Don then made a motion to sell the speaker, the motion being seconded by Joe, KC8TAC. Howard, K8DXR then made a motion to offer \$70 for the speaker, with VP John seconding Howard's motion. The motions and sale were then approved on a voice vote.

With no other new business, the meeting paused for a break. After the break, President Jim introduced the evening's guests, who then told a little about themselves. The club then viewed a video, provided by VP John, from the 1940's on "Radio Hams."

The meeting was adjourned at 8:40 PM on a motion from George, K3GP and seconded by Howard, K8DXR.

## Hydrogen Warning!

On a recent trip to Louisville, KY, I was admiring a fountain. Down at the riverfront. Actually, it's more an artificial river, than a fountain. It drains into the Ohio River. There were families taking a break from the heat, by taking a dip in the waters, despite a warning sign which read: "**WARNING! EXCESS HYDROGEN IN WATER NO SWIMMING!**". Basic chemistry tells us that water is 2 parts hydrogen, 1 part oxygen, right? So what the heck is going on here?

Once back in Alliance, I googled the phrase, and found that the signs were the brainchild of a public official, who wanted to discourage people from swimming in the fountain. He was simply taking advantage of peoples ignorance in chemistry. (KD8MQ)

# K3 TUP working on a cure for cancer.

If you're a league member, then feel free to skip this article. Chances are you've already read the article in the February, 2008 issue QST<sup>1</sup>.

John Kanzius, K3TUP has lived the American dream. Contester, DX'er, Broadcast Engineer, and finally a TV & Radio station owner. He sold them, and retired to Florida.

In 2002, he was diagnosed with leukemia. A year later, he got the idea of using RF to kill cancer cells. The QST article tells how he cannibalized his wife's pie pans while testing his theory.

Remember, John is not a doc; He doesn't even have a college

degree. He's just a regular guy, using a lifetime of experience working with RF, to help make the world a better place.

It wasn't long before he started attracting the attention of researchers, who were excited about his idea. The process uses nanotubes ; Carbon about 20 nm long, and more recently, gold ones about 3 to 5 nm long, and a 13.56 MHz RF signal of 400 to 1000W.

The nanotubes are injected into a tumor, and subjected to a short duration of burst RF. This heats the nanotubes, and kills the tumor.

Initial testing done on

rabbits. Rice University, looks very promising. Tests done on cancer cells in petri dishes were also promising. The process is on the fast track, though tests on humans may be 3 years away.

Sadly, the article is not available online. But, here's a link to his August 27, 2007 appearance on CBS's "The Early Show": <http://www.cbsnews.com/stories/2007/08/27/earlyshow/health/main3206892.shtml>.

<sup>1</sup> "13.56 MHz as a Cancer Cure? It Just Might Be..." , by Allen Pitts, W1AGP , February, 2008 QST. Page 52

## From the Rate Sheet

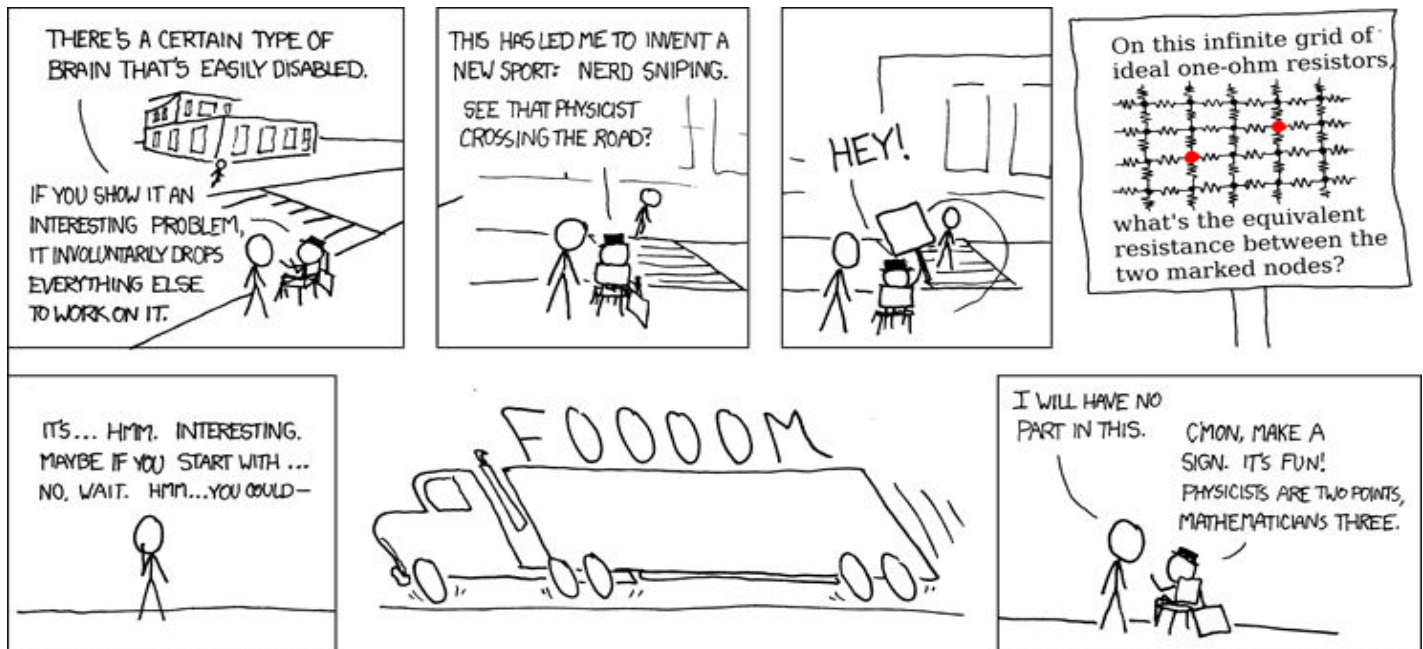
What will those Finns come up with next? As someone who has recently moved to a more northern latitude, Pat N9RV has a new appreciation or why someone might be motivated to create such unusual keying devices. Have a look for yourself at <http://oh6dc.cw.googlepages.com/strangeckey>

## Quote o' the Month

"If you aim at nothing, you will hit it every time."  
Zig Ziglar

## Nerd Sniping

(from <http://xkcd.com/356/>)



# February 2008

*Happy Birthday to: KA8LKQ, AB8KV, N8FCL*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																											
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;"><b>January</b></p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;"><b>March</b></p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr> </table> </div> </div>					S	M	T	W	T	F	S			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						1	2
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<p>10-10 Int. Winter Contest, SSB AGCW Straight Key Party Delaware QSO Party FYBO Winter QRP Sprint Minnesota QSO Party <b>Northern Ohio Amateur Radio Society Hamfest, Lorain</b> Vermont QSO Party YLRL YL-OM Contest, CW</p>	<p>ARCI Fireside SSB Sprint Columbiana Cty. Train. Net 8pm North American Sprint, SSB</p>	<p>Canton ARES Net 7pm 147.12 N. Col. Cty Net 9pm 147.255 RSGB 80m Club Championship, SSB</p>	<p><b>AARC Meeting 7:30pm</b> ARS Spartan Sprint Carroll Cty. Net, 1:00 UCT, 147.075</p>	<p><b>AARC Nets 8:00, 8:30, 9:00</b></p>	<p>Massillon Net 147.18 8pm</p>																																																																																												
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<p>CQ WW RTTY WPX Contest EISTS Winter Sprint <b>KA8LKQ-Richard</b> KCJ Topband Contest Louisiana QSO Party <b>Mansfield Mid-Winter Hamfest, Mansfield</b> New Hampshire QSO Party OMISS QSO Party</p>	<p>Columbiana Cty. Train. Net 8pm North American Sprint, CW</p>	<p>ARRL School Club Roundup Canton ARES Net 7pm 147.12 N. Col. Cty Net 9pm 147.255</p>	<p>ARRL School Club Roundup Carroll Cty. Net, 1:00 UCT, 147.075</p>	<p><b>AARC Nets 8:00, 8:30, 9:00</b> AGCW Semi-Automatic Key Evening ARRL School Club Roundup NAQCC Straight Key/Bug Sprint SKCC Sprint</p>	<p>ARRL School Club Roundup Massillon Net 147.18 8pm</p>	<p>ARRL School Club Roundup</p>																																																																																											
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<p>ARRL Inter. DX Contest, CW Feld Hell FM-245BD Sprint YL-ISSB QSO Party</p>	<p>Columbiana Cty. Train. Net 8pm</p>	<p><b>AB8KV-Don</b> Canton ARES Net 7pm 147.12 N. Col. Cty Net 9pm 147.255 <b>N8FCL-Ed</b> Run for the Bacon QRP Contest</p>	<p>Carroll Cty. Net, 1:00 UCT, 147.075</p>	<p><b>AARC Nets 8:00, 8:30, 9:00</b></p>	<p>Massillon Net 147.18 8pm Road Kill Roundup QRP Contest RSGB 80m Club Championship, CW</p>	<p style="color: green; font-weight: bold;">CANTON ARC/ MASSILLON ARC VE, CANTON</p> <p>Russian PSK WW Contest</p>																																																																																											
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<p>CQ 160-Meter Contest, SSB Mississippi QSO Party North American QSO Party, RTTY REF Contest, SSB UBA DX Contest, CW</p>	<p>Columbiana Cty. Train. Net 8pm High Speed Club CW Contest North Carolina QSO Party</p>	<p>Canton ARES Net 7pm 147.12 <b>Homeland Security Net 7:30pm 147.51 SIMPLEX</b> N. Col. Cty Net 9pm 147.255</p>	<p>Carroll Cty. Net, 1:00 UCT, 147.075</p>	<p><b>AARC Nets 8:00, 8:30, 9:00</b></p>	<p>Massillon Net 147.18 8pm</p>																																																																																												

*Amateur Radio... When all else fails.*

Alliance Amateur Radio Club  
 P.O. Box 3344  
 Alliance, OH 44601

## The AARC Wayback Machine

Here again are some of the highlights from the last 20 years of the Zero Beat. you can read them at <http://www.w8lky.org/newsltrs/>.

### February, 1988, (editor N8IAK)

- Our Ham of the Month was Dave Buckwalter, KC3CL.
- The Zero Beat was officially one year old with the February, 1988 edition.
- The winner of our HT raffle was Dick Bontrager, KA8LKK. Dick won a new Yaesu HT.
- The next Mall Show was scheduled for March 11-13, 1988.
- Tech/General classes, taught by Jim, N8DZA(now K8LTG), had just begun.
- We printed the net format for the Eastern Stark County ARES Net, which was the precursor to the current Tri-County News, training, and swap net.
- Dave, KC3CL was dubbed keeper of the club callbooks.
- Allen, KA8CIY (Now WI8T) penned a guest editorial, reminding us that in order to round out our emergency training, First aid, and CPR training should be on

every Ham's to-do list. Even 20 years later, it's still good advice.

### February, 1993, (editor N8LVO)

- January 16th was the date for the first Fox hunt of the new year. The team of Bill Bennett, W8ZZS (SK), John Bray, N8SFN(SK), and Dan Mutigli, N8LVO earned first place honors, by braving the elements

### February, 1998, (editor K8LTG)

- He club had lost one of it greatest friends, with the passing of Jim Wilson, KB8GHZ.
- The club was talking about doing a coffee break, as a fund raiser.
- Licensing classes were beginning again. However, the newsletter doesn't specify which class license is being taught. W8WEN was involved, so we know CW was being taught.

### February, 2003, (editor KE8VE)

- The club lost another supporter, as Jim Miller, N8MAA became a silent key.
- A fox hunt was scheduled for February 16, 2003.