



## Secretary Dave Glass, W8UKQ Resigns

Dave, W8UKQ, who has been our club secretary for nearly 10 years, has found it necessary to resign, due to health problems. In Dave's own words:

"With a bleak medical forecast, I, hereby, submit my resignation as secretary of the Alliance Amateur Radio Club, effective immediately.

As I can get to the job, I will gather together the past minutes and other items to be delivered to the club and the future secretary.

The past 9-1/2 years have been interesting and fun. It has been an extension of parts of my career doing the same duties.

I do hope I may be able to attend many more meetings."

Dave has done a great job over the years and it will be difficult to replace him. Here is an example of just one of the many things he does on a regular basis:

"After the February meeting I sent obituaries to ARRL, SK Administrator, for both Ray K8DEN and Bill W8ZZS. The QST column states it takes several months for the names to appear.

I sent, also, an obituary to 10-10 International for Ray.

73 Dave"

Dave always has the minutes ready for the Zero Beat long before your editor has the Newsletter done. He also files necessary paperwork and sends sympathy cards, and so on.

I know I speak for all AARC members when I say that I sincerely hope Dave feels well enough to attend many more meetings for a long time to come.

## Dues Are Due Special Election Needed

If, like your Zero Beat editor, you haven't paid your dues yet, bring them to the April meeting or send them to Mary Ann right away. They were due April 1<sup>st</sup>. There will be a special election to elect a secretary and you must have a Full or Sustaining membership in order to vote. A Family membership is the same as a Full membership except it does not entitle you to the Newsletter and someone else in the household must be a Full member. According to Article II, section C.:

C. Vacancies occurring between elections must be filled by special elections at the first regular meeting following withdrawal or resignation.

There is also a program planned for the April meeting. Hope to see you there.

### De Olde Meeting Announcement

The next meeting of the Alliance ARC will be on Wednesday, April 6th, in the cafeteria of the Alliance Community Hospital. Our meetings begin at 7:30 PM, and are an excellent opportunity for eyeball QSO's. Directions can be found on the K8LTG Repeater (145.370)  
See you there!

## Officers

### President

Bob Steele, K8RLS  
3755 South Union Ave.  
Alliance, OH 44601  
rsteele@alliancelink.com  
330-821-5011

### Vice-President

Joe Young, KC8TAC  
154 W. Grant St.  
Alliance, OH 44601  
ljyoung@cannet.com

### Secretary

Dave Glass, W8UKQ  
217 West Simpson St.  
Alliance, OH 44601  
w8ukq@juno.com  
330-823-4855

### Treasurer

Mary Ann Royer, KB8IVS  
6255 Sandalwood NE  
Canton, OH 44721  
kb8ivs@aol.com  
330-492-0703

### Trustees

Frank Sanor, WA8WHP  
24462 St. Rt. 172  
Minerva, OH 44657  
wa8whp@juno.com  
330-894-2186

George Proudfoot, K3GP  
P.O. Box 343  
Louisville, OH 44641  
k3gp@arrl.net  
330-829-3859

James Lilley, N8XTJ  
67 E. Columbia St.  
Alliance, OH 44601  
330-821-1308

### Editor

Larry Ashburn, KE8VE  
1080 W. Beech St.  
Alliance, OH 44601  
ke8ve@alliancelink.com  
330-821-9808

## A Visit To Copley Middle School

By Jack Bennett, W8WEN

Jeff and I visited the Copley Middle School Friday afternoon. We kept looking for the tribander antenna as we sat through the exiting of all those middle schoolers. Finally as we went around the school Jeff spotted my son's van and we knew we were at the right school. It turns out there is more than one kind of triband antenna. I never knew there was anything but 10-15-20 meter tribanders. I learned that there is a 6-2-70 cm tribander. I was disappointed after telling you they had a tribander, Plus some long wire antenna. I was lead into a room off of the school's library.. Wow! now I was impressed. It was a small room but had several chairs and tables. The main operating table had a large screen computer, an FMP?1000 transceiver. Plus the mobile rig that they got from Marlinton. There were a couple of hams (calls I can't remember) plus three or four students and KD8BBS Brad my son in the room. My son introduced me to several other school staff members. The station was on two meters using echo link and talking with VE3AMH. One of the students used the mike. Then they stood by and a VK4 came back to them and the students talked with him. I never saw a computer that used the space bar as the on off switch. The modulation showed up as a blue bar at the bottom of the screen.

The school meetings are on Monday and Friday. I mistakenly asked where the telegraph key

*(Continued on page 4)*

## Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month, in the cafeteria of the Alliance Community Hospital. 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

If you'd like to check us out on the web, our E-mail address is:

[w8lky@qsl.net](mailto:w8lky@qsl.net)

Our club home page is:

<http://www.w8lky.org>

## Newsletter Information

The Zero Beat is a publication of the Alliance Amateur Radio Club, P.O. Box 3344, Alliance, OH 44601

Unless otherwise noted, permission is freely granted to reprint portions of the Zero Beat, as long as credit is given to the author & source.

You can submit material to the Zero Beat either electronically, to ke8ve@alliancelink.com, in person, or via snail mail. I can read most word processor formats, but prefer your files to be in straight text, E-mail, or Microsoft Word format.

## February Minutes

### ALLIANCE AMATEUR RADIO CLUB

February 2, 2005

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on February 2, 2005, at 7:30 P. M., with Robert Steele K8RLS, president, presiding. Secretary David Glass W8UKQ kept the minutes. There were 18 members and two guests present.

The Pledge of Allegiance was recited. Introductions were made.

The minutes of the regular meeting for January were published in the newsletter. The total of the treasury balance was reported for the month. The minutes were approved upon motion by Howard K 8 D X R , s e c o n d e d by Don K8OMO.

Mary Ann KB8IVS gave the report of the treasury balances. The report was approved upon motion by Smitty KC8TJQ, seconded by Ed N8FCL.

There will be a Skywarn meeting March 24 at 6:30 PM at Stark State College.

The Christmas Party will be December 17, 2005. Same place, same prices, same menu.

Don K8OMO reported that new wiring will be needed for the hospital station to the new hospi-

tal building. The station is operating well.

New Business: The secretary will send an SK report to QST about Ray K8DEN SK.

The Toledo Hamfest and Great Lakes Convention will be March 19. The Mansfield Hamfest is February 13. There is a radio auction in Breezewood April 2. The Breezeshooters Contests are: CW February 19, SSB March 19, 7 PM to 10 PM.

Darla Scoville sent a number of Ray's Amateur Radio postage stamps to be distributed to the members. They are 5 cent stamps from 1964.

It has been suggested if BPL should be announced for an amateur's area, a log should be kept

before it becomes effective of the S readings on certain frequencies and times to be compared to S readings after BPL is in use.

Thank you to Gladys for the cookies tonight.

The meeting adjourned at 7:54 PM upon motion by George K3GP, seconded by Frank WA8WHP.

Respectfully submitted, Dave Glass W8UKQ, Secretary



Larry, N8EWV recently sailed his boat, Kokopelli, up to Washington, NC, where he is living "on the hook", i.e., anchored off shore. He plans to stay there until June.

## March Minutes

### ALLIANCE AMATEUR RADIO CLUB

March 2, 2005

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on March 2, 2005, at 7:30 P. M., with Robert Steele K8RLS, President, presiding. There were 9 members present.

Bob stated that the secretary and treasurer were both absent and that we didn't have the minutes of the last meeting because the secretary was ill, but that he did have the treasurer's report, which he read. The Treasurer's report was approved on a motion by Howard, K8DXR and seconded by Jim, K8LTG.

It was mentioned that we had a new member, Tom Foos, AB8RZ. Also, dues are due.

Bob reported that Dave Glass, W8UKQ had been to see an oncologist who outlined a course of treatment, but did not give him any new information. Don AA8KV reported that David Hostetler, N8NLZ was improving after his surgery.

The ARRL announced some changes in the Field Day rules for this years Field Day which will be June 25<sup>th</sup> and 26<sup>th</sup>. Field Day should be primarily seen as a means to exercise and demonstrate Amateur Radio's emer-

gency operating capability. Eligibility for bonus points will be expanded. Your entry class must match the number of transmitters that you have on the air simultaneously. There will be a new youth bonus point category with 20 points for each operator age 18 or younger who completes a valid contact, 100 point maximum. GOTA station can now use the club call and exchange.

Butler Hamfest (BreezeShooters) will be June 5<sup>th</sup>. Madison Hamfest is April 3<sup>rd</sup>. Cuyahoga Falls Hamfest is April 17<sup>th</sup> at the Emidio & Sons Party center. W8WEN informed us that there will be a slot car show that day as well.

The ARRL's proposal to only have a code requirement for Extra Class was discussed.

It was suggested that implementation of BPL in Alliance might cost the city more than they could expect to gain from it and they are not in a good financial position.

Amateur Radio Military Appreciation Day (ARMAD) will be celebrated May 28<sup>th</sup>. Ham operators to operate in public places and express support over the air for troops on active duty.

A proposal was made by Steve from TLC Computers in Louisville for Alliance to have it's own Hamfest. Possible locations for consideration were the Armory and Mile Branch Grange.

The meeting was adjourned at 8:17 PM upon a motion by Howard, K8DXR, seconded by Don, K8OMO.

These minutes were compiled by Larry, KE8VE from notes taken by Joe, KC8TAC and a tape recording of the meeting.

### Copley Middle School

*(Continued from page 2)*

was? The operator said he uses a bug. He also told me he has about 2000 band countries on 9 Bands. He asked me if I worked the VU4 knowing full well that I probably didn't since the tsunami put them off the air. He got them on 20 and 17 meters.. I was only there about one half hour and the session was over. I asked them outside why they didn't have their homeland security working? Another mistake on my part. They apparently get the brush off from the public officials. Much like we often do. Anyway I just wanted to let you know about the school. My son Brad apparently had a lot to do with getting the room and recruiting students.

## THE WAYBACK MACHINE

ISSUE #16

by **Bill Continelli, W2XOY**

reprinted with permission

In our last installment, we saw how, when the FCC created the Technician class license back in 1951, their intention was to give it a separate and unique purpose. The Commission stated that the Technician class license was established expressly for serious minded experimenters who needed spectrum space in which to conduct their tests. It was not established as a communicators' service and was not to be a stepping stone between the Novice and General class licenses. The original Technician class operator only had privileges above 220 Mc. In 1955, they were given six meters and in 1959, the 145-147 Mc. segment of two meters. Getting additional frequencies for Technicians was difficult--the petitions could not mention "communications" as a reason, but rather had to show that there was a need for additional experimentation on the six and two meter bands. Because of the "experimental" nature of the license, Technicians were not allowed to become RACES stations. They also faced some discrimination by a few higher class amateurs--in fact, several proposals were made to the FCC to "punish" Technicians who used the airwaves to communicate, rather than to experiment.

In 1962, two events occurred. First, the FCC denied petitions to give Technicians the 29.5-29.7 Mc. segment of ten meters as well as full two meter privileges. In rejecting these petitions, the FCC said there was "considerable misunderstanding" about the role of the Technician class, and restated the "experimenter" policy they had issued in 1951. Also that year, a new amateur publication hit the market- "VHF Horizons." Concentrating on six meters and above, this magazine was full of technical articles, construction projects, contest information, and VHF news. But it was the editorial content of "VHF Horizons" that broke new ground. For the first time, an amateur magazine called for a rewrite of FCC policy. They wanted Technicians to be considered full-fledged amateurs and not just experimenters. Naturally, this caused controversy in the amateur community. Technicians who considered themselves communicators flocked to this new publication, while some higher class amateurs condemned it and restated their

position that "communicating" Technicians were violating FCC policy. Unfortunately, "VHF Horizons" was not able to turn a profit, and expired after only two years.

In 1967, the FCC instituted "incentive licensing". While the actual frequency loss by Technicians was minimal--just the first 100 kc. CW segment of six meters--the FCC still struck a blow to those wishing to remove the "experimenter" status from this license. The FCC once again turned aside requests to expand Technician privileges to the full two meter band. In addition, the FCC also removed two meter voice privileges for Novices and took away the right for an amateur to simultaneously hold a Novice and Technician license. According to the Commission, too many Novices were operating two meter voice, were not increasing their code speed, and were upgrading only to Technician instead of General when their Novice license expired. Once again, the 1951 policy was restated.

However, despite the FCC's position, thousands of Technicians were on the VHF bands as communicators. With the rise of two meter FM, new Technicians were taking to the airwaves every day, mostly with surplus wide-band commercial equipment. Recognizing that the role of this class of license had evolved, the ARRL Board of Directors met on November 1, 1969 and came to a decision. In an editorial in the December 1969 issue of "QST" entitled "Technicians as Communicators", the ARRL's new position was stated--Technicians were no longer just experimenters, but rather full fledged communicators. The ARRL proposed that they be given the full two meter band, the 29.5 to 29.7 Mc. segment of ten meters, and the ability to once again hold a Novice license simultaneously. The ARRL put these proposals before the FCC in a petition.

The FCC did not immediately respond to this petition, but rather, in 1971 issued an odd ruling in which they stated that a Technician class amateur could not use a repeater in which the input was in the Technician subband of 145-147 MHz, but the output was above 147. Nevertheless, since the repeater subband in the early 70's was 146-148 MHz and the Technician was not allowed above 147, the FCC was under pressure. On October 17, 1972, Technicians were given the 147-148 MHz segment of two meters. The FCC denied Techni-

*(Continued on last page)*

# April 2005

Happy Birthday to: **K8LTG**, **KC8RYG**, **KC8TAC**, **W8UFF**.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																				
<div style="display: flex; justify-content: space-around;"> <table border="1" style="font-size: small;"> <caption>March</caption> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td></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> <table border="1" style="font-size: small;"> <caption>May</caption> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table> </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 <b>K8LTG</b>	2 EA RTTY Contest Kids Roundup Missouri QSO Party Montana QSO Party QCWA Spring QSO Party
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																																																																																							
3 144 MHz Spring Sprint <b>Lake County ARA HAMFEST, Madison, OH</b> RSGB 80m Club Championship, CW RSGB RoPoCo	4 COLUM. COUNTY TRAINING NET 8:00PM	5 ARS Spartan Sprint <b>Homeland Security Net 7PM at ACH</b> NORTHERN COLUMBIANA ARES NET 9PM 147.255	6 <b>AARC Meeting 7:30</b> CARROLL CTY NET - 8PM - 147.075 YLRL DX-YL to NA-YL Contest, CW	7 <b>AARC NETS 8:00, 8:30, 9:00</b> <b>QCWA Net 7:30</b> SARL 80m QSO Party	8 MASSILLON NET 8:00PM 147.18	9 ARCI Spring QSO Party CW Contest JIDX Georgia QSO Party <b>Jackson County Amateur Radio Club HAMFEST, Coalton, OH</b> SUMMIT CO AMERICAN RED CROSS VE, AKRON, OH																																																																																				
10 SARL Hamnet 40m Simulated Emerg Contest UBA Spring Contest, SSB	11 COLUM. COUNTY TRAINING NET 8:00PM	12 <b>Homeland Security Net 7PM at ACH</b> NORTHERN COLUMBIANA ARES NET 9PM 147.255	13 CARROLL CTY NET - 8PM - 147.075 RSGB 80m Club Championship, SSB YLRL DX-YL to NA-YL Contest, SSB	14 <b>AARC NETS 8:00, 8:30, 9:00</b> <b>QCWA Net 7:30</b>	15 MASSILLON NET 8:00PM 147.18	16 ES Open HF Championship EU Spring Sprint, CW Holyland DX Contest Michigan QSO Party Ontario QSO Party TARA Skirmish Digital Prefix Contest YU DX Contest																																																																																				
17 <b>Cuyahoga Falls ARC HAMFEST, Cuyahoga Falls, OH</b> <b>KC8RYG</b> YU DX Contest	18 COLUM. COUNTY TRAINING NET 8:00PM	19 <b>Homeland Security Net 7PM at ACH</b> NORTHERN COLUMBIANA ARES NET 9PM 147.255	20 CARROLL CTY NET - 8PM - 147.075 <b>KC8TAC</b> NAQCC Wee-knight 40/80-Meter Sprint	21 <b>AARC NETS 8:00, 8:30, 9:00</b> <b>QCWA Net 7:30</b> RSGB 80m Club Championship, Data	22 MASSILLON NET 8:00PM 147.18	23 DX Colombia International Contest Florida QSO Party Helvetia Contest <b>MAHONING VALLEY ARA VE, HUBBARD, OH</b> Nebraska QSO Party SP DX RTTY Contest																																																																																				
24 <b>Athens County Amateur Radio Association HAMFEST, Athens, OH</b> EUCW/FISTS QRS Party <b>W8UFF</b>	25 COLUM. COUNTY TRAINING NET 8:00PM	26 <b>Homeland Security Net 7PM at ACH</b> NORTHERN COLUMBIANA ARES NET 9PM 147.255	27 CARROLL CTY NET - 8PM - 147.075	28 <b>AARC NETS 8:00, 8:30, 9:00</b> <b>QCWA Net 7:30</b>	29 MASSILLON NET 8:00PM 147.18 <b>TWENTY OVER NINE ARC VE, BOARDMAN, OH</b>	30 SBMS 2 GHz and Up WW Club Contest <b>WRECS VE, BENTLEYVILLE, OH</b>																																																																																				

*When everything is coming your way, you're in the wrong lane.*



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

## Wayback Machine

*(Continued from page 5)*

cians ten meters, Novices privileges, and the 144-145 MHz portion of two meters, but the door was opened.

With thousands of Technicians on two meter FM, the FCC then moved slowly towards full VHF privileges for them, realizing that the "experimenter" designation was obsolete. In 1975, Technicians were given Novice frequency privileges. When the new repeater subband was opened at 144.5-145.5 MHz, Technician privileges were expanded to 144.5-148. The FCC also realized that Technicians could no longer be excluded from RACES operation. In 1976, the FCC eliminated the "mail order" status of the Technician exam and required applicants to show up at an FCC examination point.

Finally, in 1978, Technicians received full two meter privileges. In the eyes of the FCC, they were full-fledged amateurs. In 1987, the exam was made easier by splitting element 3--the General written exam--into 3A for Technician and 3B for General. This is why those Technicians licensed before March 1987 only have to take the 13 WPM

code test to upgrade to General. Also in 1987, Technicians received sideband privileges in the 28.3 to 28.5 MHz segment of ten meters. And, in a final act of "Technician Liberation" in 1991, 40 years after the license was established, the code-free Technician was created. So, if you meet a Technician who has been licensed since the 60's, treat him or her with dignity and respect, for they have suffered and endured years of being ostracized so that today's Technicians can enjoy full VHF/UHF privileges.

All material Copyright © William Continelli  
All Rights Reserved