



FEEDBACK

VOLUME 55 ISSUE 3

MARCH 2010

**MASSILLON AMATEUR
RADIO CLUB OFFICERS**

PRESIDENT

Carl Cunnert
AB8CC
ccunert@yahoo.com

VICE PREISDENT

Wade Huthmacher
WD8MIU
wd8miu@gmail.com

SECRETARY

Dan Anastis
N8DZM
ddan@sbcglobal.net

TREASURER

Gary Kline
WC8W
wc8w@sssnet.com

**MRN NET Tue, Thur & Sun
7:30 PM 3.60 MHz**

**CLUB REPEATERS
147.18 & 442.850 MHz**

Contents

Secretary's Report -----2
N8ATZ Column -----3
TT vrs WG -----4
In Memoriam W8PUC -----5
W1AW News -----5
Program sched for 2010 ----6
New Ideas -----7
Calendar by K8INN -----9
Club Story by WA8MKH --11

---SHORT SKIP ---



Remember when the QST DX column used to list all the QSL buros of the world ? If so you're tell'n your age Bunkey. (HI) Anyway, the IARU QSL Buros of the World List is available via: <http://www.iaru.org/iaruqsl.html> Yes, our ARRL Outgoing QSL Service is an unbeatable value. Info is available on this via:

arrl.org/qsl/qslout.html . Good luck on your QSLing.

73 de WB80WM

MARCH MEETING

The meeting for the month of March will be held at the Massillon Senior Center in downtown Massillon on March 5th, 2010 at 8:00 PM and as usual the doors will be open at 7:00 PM.

At last months meeting, President Carl AB8CC, sure had a long list of items to be discussed. I don't know if we got through all of them so this months meeting will be a full item as well !

Up for discussion, one item will be the Akron University Concession stands fund raiser. Treasurer Gary, WC8W, will have the full report on the events. The Club must decide if we are to continue with this fund raiser or look for something else! Right now nothing looks better ! But that is a Club decision.

Vice President Wade, WD8MIU is putting together a list of programs he is tentatively scheduling for the Club this year (see page 6). Both Officers are trying very hard to make this year an eventful year ! So be sure to come to the meeting on the 5th and see what's going on ! See you there !

DUES ARE NOW DUE !

Well this is it, the last month you can pay your dues without loosing any membership benefits. This has been one of the best years for members renewing. About 95% of you have renewed ! That means only about 12 of you that haven't paid or made the "commitment" to pay. Meaning that you have informed me that you will make the payment. So Please while you're thinking about it send a check made out to MARC to:

MARC
PO BOX 73
MASSILLON, OHIO 44648

Or send directly to me: Gary Kline 6500 Highton SW Navarre, Ohio 44662. STILL ONLY \$ 10.00 for full membership. \$ 5.00 For the XYL and children still at home is \$ 2.50 ! What a bargain ! A lot of Club's in Ohio charge around \$ 25.00 for membership! Remember; We Do Not Want To Loose A Single Member !!!

**PROGRAM NOTICE FOR
MARCH ON PAGE 4**

MARC MINUTES

February 12th, 2010

The Massillon Amateur Radio Club monthly meeting was held Friday February 12th 2010 with 31 members and guest in attendance.

Mike WA8MKH gave a little program about the positives of the club and ham radio.

After a correction in December's minutes was made Mike made the motion to accept them with Bruce KC8RKS as a second. Motion passed.

Gary WC8W gave the treasurer's report.

Wade WD8MIU gave the V.P. report on upcoming programs, and newsletters. Anyone with program suggestions should contact Wade.

Committees:

Repeater - Jim WA8GXM gave a report on the condition of the repeater.

New Business:

Carl presented Mike KD8ENV with his Technical Merit award since he was not at the awards banquet.

Mike KD8ENV and Tom WD8MBE made a motion for the club to participate in the Stark county QSO party on April 10th. Motion passed.

Perry W8AU has code classes every Friday 7 -9 pm. Gary WC8W is conducting Tech classes starting March 15th for 8 weeks.

Hamfest committee was formed with Terry N8ATZ and Wade WD8MIU.

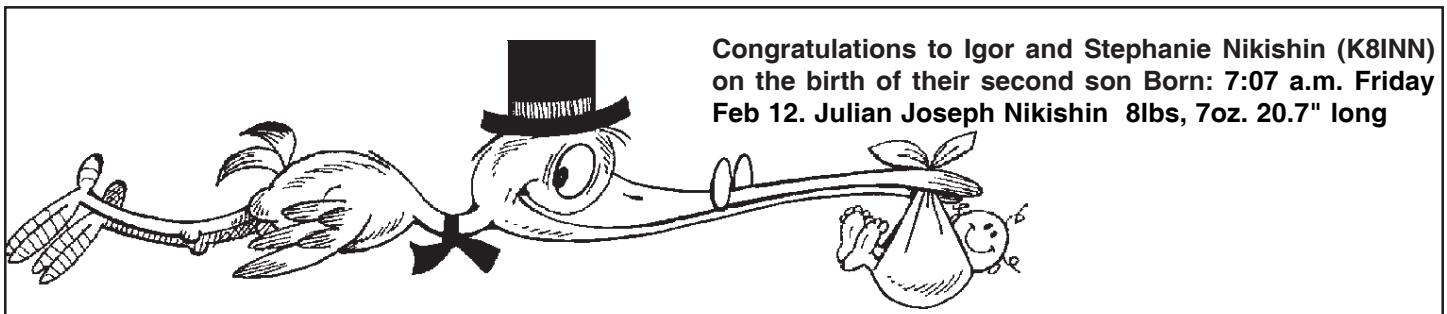
Mike made a motion to increase hamfest admission fee to \$6 with a second from Byron. Motion failed by 1 vote.

Mike KD8ENV has volunteered to be the Club's PIO or Public Information Officer.

The North Bass Island expedition will use W8NP as the callsign.

President Carl AB8CC won the 50/50 drawing for \$ 18.00.

Minutes by Dan N8DZM



... FACEBOOK ? ...

By the time you read this, I hope to have established a Facebook page for the Massillon Amateur Radio Club. So now you're asking just what is Facebook and isn't it just something for teenagers and not us mature older folks ? No Way !

Facebook is a social networking site that encourages people to connect with one another and share their experiences. It sounds like a natural extension of the MARC and yet another way to increase community awareness about us and what we do. But it's a lot more than that.

Facebook won't replace the club's website and wasn't meant to. Our website is a great tool to distribute information about the club and our activities to the outside world but it's only one way traffic. We post information for the interest and benefit of our members and the community but it's not interactive. There's no way for you to comment on anything there. Facebook allows us to have an interactive way to express your comments to other club members. In fact you can comment on any topic you choose, our latest club activity, how you liked the latest club program, etc.

I've had a Facebook page for about a month now at the coaxing of a few friends and co-workers. I haven't fully mastered how to best utilize Facebook, even after purchasing the famous "Facebook For Dummies" book but I am learning. So far I'm enjoying posting personal experiences and I plan on adding pictures of past vacations for other friends and family to see.

With just a little searching I've also discovered that many other club members are also on Facebook and I've become Facebook Friends with many of them to make it easy to exchange information. We are already off to a good start.

Starting a Facebook account is easy and painless. All you need is a valid email address and you are good to go. Posting information is easy also. I have a few ideas on how we can use Facebook to stay in touch with each other and to comment on club events.

I'm hoping we can have some fun with this and use it to share information about the one thing we all have in common – our great amateur radio hobby !

Once finished, I will post a link on the club website to our Facebook page. Let me know what you think about our idea, better yet, start your own Facebook page and post a comment !

... SKYWARN UPDATE ...

Last month I covered some details on our Annual Skywarn

Spotter Training that will be held on Wednesday, March 17th at Stark State College of Technology. Registration opens at 6:00 PM with the meeting to begin at 6:30 PM.

The annual training is usually well attended, with nearly all seats filled up. The training is free and open to the public and I hope to see many of our fellow radio operators in attendance. I will be there assisting with registration and if you are planning on being there, I could use some help with registration before the training starts.

Complete details are currently posted on both the MARC website and the Stark County ARES website at www.wd8aye.net

... ARES MEETINGS ...

Another final reminder, the first quarter meeting of the Stark County ARES is tentatively scheduled for Thursday, March 4th at the Stark County Emergency Operations Center from 7:00 – 8:30 PM. A meeting agenda nearly complete and if time and schedules permit, we hope to have Ohio's Section Emergency Coordinator Jack Sovik, KB8WPZ. Additional details are also posted on the Stark Co ARES website.

I also hope to attend the Ohio Section Emergency Conference on Saturday, March 27th weather and schedule permitting. I will post the results of the meeting on the club website for your review.

That's it for this month.

**73's
Terry – N8ATZ**



David vs. Goliath, or, Ten-Tec vs. Watkins-Johnson



You might be interested in a bit of history we learned from a Ten-Tec executive. We were talking about the Ten-Tec RX-340 receiver, and I observed how similar the panel layout was to the Watkins-Johnson WJ-8711A and HF-1000. Turns out there's quite a story behind that similarity.

In 1991 the NSA, which buys many high-end HF receivers for surveillance purposes, decided that the cost per receiver was too high. The NSA put together a study group to try and bring the cost down to the \$7K-\$10K range. At that time, the high end HF receiver market was dominated by Watkins-Johnson, Racal, and Cubic, and Ten-Tec wanted to join the group.

Ten-Tec and Watkins-Johnson engineers worked together for a year to define specifications for the NSA's "radio of the future," which would meet the NSA's target price guidelines. The team finally agreed on a common set of specifications and was ready to submit it to the government. In the interim, both T-T and W-J engineers, anticipating sizeable NSA orders, were working to develop the technology for this new breed of radios.

At the last moment, which my source called the "23 hour and 59th minute moment" Watkins-Johnson, to Ten-Tec's complete surprise and dismay, introduced one additional specification: the "radio of the future" must have a 20,000 hour "mean time between failure" specification- a ridiculously stringent requirement which is roughly the same required for space electronics. This was a cagey move on W-J's part, because W-J, having supplied mil-spec radios for decades could meet the MTBF requirement, but poor Ten-Tec, with its background in the consumer electronics market, could not. So, in the end, Ten-Tec dropped out of the competition and W-J got the NSA orders. Ironically, lacking a competitor, W-J was then able to charge the NSA nearly twice the NSA's target price for HF-8711A

But Ten-Tec then decided to fight back. Since they had already developed the technology during the year of collaboration with W-J, Ten-Tec quickly came out with RX-330, which has no front panel, but which is otherwise the "radio of the future" design, without the MTBF specification. They offered this radio to the government at 1/3 the price of an HF-8711A, and to their delight the NSA and agencies from other

countries snapped up this new breed of "black box" receivers in droves. Evidently, users had become comfortable with computer-controlled receivers, and under procurement rules, it was permissible for agencies to purchase "COTS" (Consumer-Off-The-Shelf) radios.

With the success of the RX-330, Ten-Tec subsequently decided to bring the RX-340 to market. And so, the similarity in the front panels is no accident, but a result of a collaboration between the two companies, that ended with some corporate dirty tricks. The government-military market is still an important part of T-T's business.

Jim Garland W8ZR (retired president of Ohio University)

(note Picture is a Ten Tec Omni IV)

MARCH PROGRAM NOTICE

Deja Vu...Ham Radio on the High Seas(all over again)



Amateur Radio owes its beginnings to early Wireless experiments and Marconi's practical adaptation of these to commercial marine shipping, which the Navy also adopted. The Navy Department, being the most important early user, originally controlled Radio communications in the USA.

There's no doubt that some early Merchant Marine radio ops became licensed Amateurs besides chatting among themselves using ship's spark equipment.

Learn the origins of "wireless shack," later called "radio shack" and how one local ham operated Maritime Mobile around the world while aboard Navy ships decades ago and has recently experienced it again...

Join us Friday, March 5, for a look into one of the lesser known facets of our beloved hobby...

IN MEMORIAM

MR EDWARD J. ZUPAN W8PUC

It is with great sadness I report the passing of Mr. Ed Zupan, W8PUC, age 93 years, on Wednesday, February 10, 2010. Ed was a Lifetime Member of MARC. Club records show him joining the Club in August, 1978. Ed was born on Nov 26, 1916 in Monessen PA to the late John & Tresa Zupan. Ed moved to Massillon in 1946.

During World War II Ed was a radioman in the Army Air Core in the Pacific Theater. Ed retired from Goodrich Tire in Akron, Ohio. He was a member of the St. Joseph Catholic Church, the K of C # 554 and the Massillon Amateur Radio Club. Ed was preceded in death by his wife Ljuba (Ferrich) and a sister Helen Motz.

Ed is survived by a sister Dorothy DeMatteo of Manorville, NY, friend Alice Haney of Massillon and a number of nieces and nephews.

A Mass of Christian Burial was held on Saturday February 13th at the St. Joseph Catholic Church. Internment was beside his late wife in the St. Joseph Cemetery. Messages of support can still be sent to the family at www.paquelet.com.



W1AW News: March W1AW/West Coast Qualifying Run Schedule



The March schedules for the W1AW and West Coast Qualifying Runs were inadvertently left out of the March issue of QST. The March schedules for W1AW are as follows: Friday, March 5 at 10 PM EST (Saturday, March 6 at 0300 UTC) for 10-25 WPM and Tuesday, March 16 at 7 PM EDT (2300 UTC) for 10-40 WPM. The West Coast Quali-

fying run will be transmitted by station K6KPH on Saturday, March 13 at 2 PM PDT (2200 UTC) for 10-35 WPM. The run will be transmitted simultaneously on 3581.5, 7047.5, 14047.5, 18097.5 and 21067.5 kHz.

MARCH A "BUSY" MONTH INDEED !

MARCH 14 DAYLIGHT SAVINGS TIME Don't forget to set you're clocks !

MARCH 17 ST. PATRICKS DAY



MARCH 20 SPRING BEGINS

MARCH 28 PALM SUNDAY



The Massillon Amateur Radio Club Upcoming Meeting Programs

<u>Jan. 9th 2010</u>	<u>Massillon Amateur Radio Club Annual Awards Dinner</u>
<u>Feb. 2010</u>	<u>Mike Sclarini WA8MKH "Bringing New Ideas to Amateur Radio Clubs"</u>
<u>March 5th 2010</u>	<u>Perry Ballinger W8AU * Ham Radio on the High Seas'</u>
<u>April 2nd 2010</u>	<u>Jason Stroll KC8LIN Tour of WHBC Studio Canton, Ohio- Business Meeting @ WHBC After Tour</u>
<u>May 7th 2010</u>	<u>Jim Farriss WA8GXM/ Terry Russ N8ATZ / Don Finley WBDEF "ATV Amateur TV Presentation and How to get into it"</u>
<u>June 4th 2010</u>	<u>Bruce Brown and a Friend ' Powerpoint Presentation on an Antenna Farm down in Maryland'</u>
<u>July 2nd 2010</u>	
<u>Aug 6th 2010</u>	
<u>Sept 3rd 2010</u>	<u>Byron Berger KF8UN " DVD Presentation on a Major Dxpedition" (Bryon needs a Laptop & Computer Projection System)</u>
<u>Oct. 1st 2010</u>	<u>Gary Kline WC8W "How to work DX and All Countries"</u>
<u>Nov 5th 2010</u>	
<u>Dec 3rd 2010</u>	
<u>Jan?? 2011</u>	<u>Massillon Amateur Radio Club Annual Awards Dinner</u>
<u>Feb. 4th 2011</u>	
<u>March 4th 2011</u>	
<u>April 1st 2011</u>	
<u>May 6th 2011</u>	
<u>June 3rd 2011</u>	
<u>July 1st 2011</u>	
<u>Aug. 5th 2011</u>	
<u>Sept 2nd 2011</u>	
<u>Oct 7th 2011</u>	
<u>Nov. 4th 2011</u>	
<u>Dec 2nd 2011</u>	

Our VP Wade, WD8MIU has tentatively put together this schedule for the year. He wishes everyone to know what is coming up so you can be an informed member. You will notice there are a few openings yet. Do you know of anyone who would give the club a really nice program or anything you would like to see? This year, next year? As time progresses, Wade will keep us informed of any changes or additions to this schedule.

On the next two pages (pages 7 & 8) is the actual draft Mike, WA8MKH, used for his presentation of last months program. The Officers felt it was worthy to have it printed in this months Feedback. For those of you who may have missed the presentation.

BRINGING NEW IDEAS TO AMATEUR RADIO CLUBS by Mike WA8MKH

Amateur radio clubs are changed in several ways. Examples

1. When new members join
2. Community requests our services
3. Maintenance needs
4. New ideas presented by current membership

The membership determines the social, technical, and operating environment You all make a difference.

THINK POSITIVE

1. The club can progress **by** using positive input and support **by** the members within and outside of the club.
2. Positive comments **by** club members can encourage new members.
3. What is said on the club repeater has a major impact on how our Radio Club is viewed.
4. Any negative comment on the repeater is multiplied many times to all listeners, amateur and general public, and therefore lowers the respect for our Radio Club.

AMATEUR RADIO AND PROPER ORDER

The following CODE from the ARRL Handbook can be used as a positive guideline.

The Radio Amateur is (or should be):

1. **CONSIDERATE:** never knowingly operates in such a way as to lessen the pleasure of others.
2. **LOYAL:** offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
3. **PROGRESSIVE:** with knowledge abreast of science, a well-built and efficient station and operation above reproach.
4. **FRIENDLY.** slow and patient operating when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
5. **BALANCED :** radio is an avocation, never interfering with duties owed to family, job, school, or community.
6. **PATRIOTIC:** station and skill always ready for service to country and community.

(continued on next page)

Reflecting on the above Amateur's Code, a new idea of enhanced existing idea has a greater chance of success if item 1: Considerate and item 5: Balanced is followed. More families are time and physically stressed with being a care taker.

This Amateur Code was written by Paul M. Segal W9EEA in 1928.

Working together as a group such as a committee and seeking input from the general membership, will improve the survival of the idea.

Source of ideas are presented at many meetings in the form of issues, requested presentations, club newsletter, opinions, and general comments.

SUMMARY

Keep in mind the skill of each member of the club. New or enhanced existing ideas can only survive if there is a skill in particular club to make it happen and keep it going. Also respect the family, health, and other variable commitments by allowing extra help, that is, over-plan.

Some clubs have unique activities due to the location a supporting infrastructure such as several technical employers that have a high population of skilled technical amateur radio operators. The local industrial base does have an effect on clubs.

Realistically, most amateur radio clubs have a general mix of talents with rarely more than 2 or 3 in any area.

The club environment is moving from a technical mostly male club of the 1960's to a family based club. Encouraging family environment can increase club membership of all ages.

Ideas can be simple in the beginning, but if not enough details are considered, failure is almost certain.

Suggestions:

1. Present the idea
2. Don't be in a hurry, give it time to cook by gathering information.
3. Talk it over to gain majority approval
4. Ask for volunteers plus extras, and, if the number is reasonable, then move forward.

March 2010

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																			
<p>Upcoming Events:</p> <p>4/18 - Sunday - Cuyahoga Falls ARC Hamfest</p> <p>4/24 - Saturday - MS Walk, Massillon and North Canton</p>	<i>1</i>	<i>2</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM VE Test Session, Cuyahoga Falls ARC, 1900, Bruce, 330-929-2766, Stow-Monroe Falls Public Library	<i>3</i> BD KC8RPE	<i>4</i> Massillon Radio Net - 3599.5, 1930	<i>5</i> Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000	<i>6</i>																																																																																			
<i>7</i> Massillon Radio Net - 3599.5, 1930	<i>8</i>	<i>9</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>10</i> BD N8FEB	<i>11</i> BD WB8OWM Massillon Radio Net - 3599.5, 1930	<i>12</i>	<i>13</i>																																																																																			
<i>14</i> Daylight Savings Time Begins Foothills ARC Hamfest, Greensburg, PA www.w3lww.org Massillon Radio Net - 3599.5, 1930	<i>15</i> BD WA8GXM	<i>16</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>17</i> Skywarn Spotter Training, Stark State College of Technology, 1830 St. Patrick's Day	<i>18</i> Massillon Radio Net - 3599.5, 1930	<i>19</i> BD W8DEA	<i>20</i> Charleston (WV) Area Hamfest & Computer Show www.w8gk.org																																																																																			
<i>21</i> Massillon Radio Net - 3599.5, 1930 Toledo Mobile Radio Assoc. Hamfest, Ctc: Brian, WD8MXR, 419-385-5624	<i>22</i>	<i>23</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>24</i> BD K8KIP Statewide Tornado Test, 0950	<i>25</i> Massillon Radio Net - 3599.5, 1930	<i>26</i> BD KA8KJW	<i>27</i> BD KC8ZWG																																																																																			
<i>28</i> Massillon Radio Net - 3599.5, 1930	<i>29</i>	<i>30</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>31</i>	<table border="1" style="margin: auto; border-collapse: collapse;"> <caption style="text-align: center;">Feb 2010</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></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	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							<table border="1" style="margin: auto; border-collapse: collapse;"> <caption style="text-align: center;">Apr 2010</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></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td></tr> </table>	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	
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																																																																																									
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																																																																																				

MASSILLON AMATEUR RADIO CLUB
P.O. BOX 73
MASSILLON, OHIO 44648

FIRST CLASS MAIL

TO:



75 Years in existence 1927-2002



VISIT US ON THE WEB AT; <http://www.marcradio.org>

<i>President</i>	<i>Carl Cunert</i>	<i>AB8CC</i>
<i>Vice President</i>	<i>Wade Huthmacher</i>	<i>WD8MIU</i>
<i>Secretary</i>	<i>Dan Anastis</i>	<i>N8DZM</i>
<i>Treasurer</i>	<i>Gary Kline</i>	<i>WC8W</i>
<i>Editor</i>	<i>Gary Kline</i>	<i>WC8W</i>
<i>Trustees</i>	<i>Rich Ross</i>	<i>KA8ZQH</i>
	<i>Don Finley</i>	<i>W8DEF</i>
	<i>Tom Phelps</i>	<i>WD8MBE</i>
<i>W8NP Trustee</i>	<i>Perry Ballinger</i>	<i>W8AU</i>
<i>W8NP Webmaster</i>	<i>Terry Russ</i>	<i>N8ATZ</i>

Published by the Massillon Amateur Radio Club, P.O. Box 73, Massillon, Ohio 44648. The Club meetings are the first Friday of every month (except January) at 8:00 PM at the Massillon Senior Citizens Building at 39 Lincoln Way West, Massillon, Ohio.

A Radio Club Story

I started in Amateur Radio when I was early teens by taking code and theory classes 2 or 3 times per week for about 2 months, then passed the 5 word per minute code class along with the Novice theory. The person giving the test was part of a ham radio club. At the time, a club was a very new concept to a newspaper carrier from the country. The club building had a ham radio station upstairs that one could only dream of, or so it seemed at the time.

I joined the club and attended most of the meetings, sometimes with the help of my trusty bicycle (10 mile round trip). There were a lot of high tech terms thrown around at the meetings and an occasional unusual sounding word (Sum-won.....) along with some general stuff, but all I could do at the time was the basics, like how much wire and where do I get it to make this stuff work.

About 8 months later, after a very long trip was made to Detroit, Michigan to take the General exam. Around 12 weeks later the license arrived in the mail. By this time I had experience with components like "fixed-resistors" (that were never broken in the first place), and miniature vacuum tubes that grew up to wear little silver hats and rode around as the 6146's. It was wise to keep your distance from this pair !!!

Sometimes attending the club meetings at another radio club, this (Sum-won.....) was mentioned. Now with my electronics career and a job, the demand for my time did not allow as much ham radio and club meetings.

Eventually time was found, and I designed and installed a 2 meter repeater system, and joined a different ham radio club. Most of the concentration was on maintaining a repeater, and did not give much thought to all of the club activities. At some of the meetings I heard this word again (Sum-won.....).

As time went on, a little more attention was given to club structure and found that there was more to this word. It was (Sum-won Ott-to). Strange word, but I guess this was some person in the club that did a lot of stuff to make it all happen. I never saw this person. They must have worked night shift but the several clubs seem to have many accomplishments over the years with this person's help.

I thought it would be good to help this person by doing some chores around the club, holding a few offices, and doing some repairs until this person arrived. After doing this work along with other club members and seeing the club progress, I was hoping to meet this (Sum-won Ott-to) and get approval of what was going on. Well, I guess this person was so busy helping with all the clubs that they would be hard to locate.

Years passed, and after more club activity, I found out there was a second person who was helping (Sum-won Ott-to). A big thank you to (Sum-won Did).

73 DE MIKE, WA8MKH