



# FEEDBACK



**VOLUME 53 ISSUE 10**

**OCTOBER 2008**

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**---- SHORT SKIP ----**

I've just learned that a couple of 3-D movies, made for T.V., are in the works. One of them by Steven Spielberg no less. Remember 3-D comics? Will 3-D Amateur T.V. be next? Stay tuned. Wow Bunkey, Watt exciting times we live in !

**73 de WB80WM**

**WEST STARK INFO NET**  
Thursdays 8:00 PM 147.18 MHz.  
**MRN NET Tue, Thur & Sun**  
8:30 PM 3.600 MHz

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### OCTOBER MEETING

The meeting for the month of October will be held at the Massillon Senior Center on October 3rd, 2008 at 8:00 PM.

This month will be a very busy month for members. First we have the Safety Break during the 3rd, 4th, and 5th of October. As of this writing all shifts are filled. THANKS goes out to the volunteers filling these shifts. And of course on October 26th is the 2008 MARC Hamfest.

Members are asked to show up at the Boys & Girls Club on Saturday the 25th at 9:00 AM to help set up the Hamfest. Tables and chairs, plus electric cords are to be set up as well as table numbering. It was learned at last month's meeting that Perry (W8AU; our auctioneer) and Anne, (N8GAF; ticket sales chairperson) will not be attending the Hamfest as they will be out of town. Therefore we must replace them. Scott N3JJT said that the Auction may not take place this year because of Perry's absence.

Most committee chairmen are in place and will seek help at the meeting. Another time saving feature this year is we will not have to pull the E-Comm Trailer to the hamfest we will simply set up a two meter check-in station inside the building.

### OCTOBER PROGRAM

There will not be anymore programs for this year at the MARC meetings, due to October's meeting being "Hamfest planning" and scheduling of assignments.

November will be "Selection of Officers" and December will be our "Election of Officer's night."

I know the programs I had for this year were somewhat different from the past, but I hope most of you found them somewhat entertaining and I also hope you found them knowledgeable.

This will be all from the VP until next year

**>(ô¿ô)< 73's de  
Rodger KA8FTS**

**Be sure to look at and read a  
VERY "Special Announcement"  
on page 5 of this issue of FEED-  
BACK !!!**

## **MARC MINUTES**

### **September 5th, 2008**

The Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 42 members and guests present. The Pledge of Allegiance was given and a round of introductions was made.

AEP Employees Bill Oles, WB8UAE and Carl Mani, K7CE gave a great presentation on high voltage power line safety. What to do and not to do when a power line is down in various situations.

Byron KF8UN made the motion to suspend reading the minutes and accept them as printed in the Feedback and seconded by Steve KD8ACF. Motion Passed.

Ann gave the treasures report.

Roger gave the V.P. report.

#### **Committees**

VE – We have a new Tech, General, and an Extra that passed.

2M Net - We are always looking for control operators.

Hamfest - Prizes and tables were ordered. Setup Saturday Oct 25<sup>th</sup> at 9:00 am.

#### **Old Business**

Maps Special Event – The MAPS Special event took place in the Club's radio shack. There were 255 contacts made.

The beam at the senior center was looked at and a bad connector was found and replaced. The wire antenna was also repaired

CC Pizza - No report on how we did.

#### **New Business**

Mike WA8MKH is working on a list of club activities.

The 50/50 was won by Carl AB8CC for \$21.00.

**Minutes by your Secretary Dan N8DZM**

## ... MARCRADIO.ORG Update ...

Depending on your level of virus protection you may have been the victim of an unprovoked attack by a computer virus that was present on the club website during mid-August. I was first made aware of it by a few club members and unfortunately while checking it myself, I also was attacked. Before I could drop the connection, my computer operating system was completely disabled by this virus as well as my data files.

With assistance from our website host, the virus was removed from the site within 5 days. It took this long to contact our host and have them check the site. Too long in my opinion but understand that our website host is in England and emails took a while to complete. During this time regrettably several club members' computers were infected. Despite using virus protection, anytime you have a full time internet connection you are vulnerable to computer attack. We certainly regret any problems the site may have caused and additional steps have been taken to minimize this from happening again.

My own system required a trip to the computer repair shop and a full restoration of the operating system and other data files. As much as I preach about having a backup of your computer data, I myself was remiss in doing so. Much of my data was corrupted and could not be restored. Fortunately, a lot of that old data was still on my old floppy disk drives that I had kept and after about a months work of restoration my system is nearly back to it's old self.

Since then I am now practicing what I preach and have installed an external hard drive running backup software that performs a full backup of my system including emails and other documents every evening at 11:00 PM. As the old saying does, fool me once, shame on you – fool me twice, shame on me !.

The site is currently fully operational and is checked often with virus software often. Please let me know if you experience any problems with the site.

### .. Other Website Info ..

And speaking of the website, while all of the virus problems were going on I had received several emails from our host informing me that our website has exceeded both the bandwidth and size capacity that we originally received when the site first went on-line.

First let's talk about Bandwidth. Simply put, bandwidth is the amount of traffic that is allowed to occur between a website and the rest of the internet. Our website program allows 1 GB of bandwidth usage which is considered normal for a small organization like ours. Over the last several months, our site has seen bandwidth usage over 1.8 GB, nearly twice normal

traffic. This may simply be because more people are looking at our site which is great. Keep in mind that bandwidth increases when someone looks at a webpage that contains lots of pictures and graphics as ours does. After all, a website is a visual medium. It conveys both pictures and words and I have always tried to include a lot of pictures to our site. It lets visitors know what we are involved in and lets them see it as well. Over the last year or two, I have tried to reduce the size of the pictures posted to keep the size down and maintain their quality. This helps the page to load faster for those without a high speed connection.

We have also nearly used up the space we have allocated to us under our existing program. We pay for 500 MB of space and our site is currently 450 MB in size. Two aspects of the site take up most of the space, the club newsletters and all of the graphics posted on the site. I have posted every newsletter on the site since 2000. That's nine years worth of issues. In order to provide space for current information and future information, I must remove some old editions of the newsletters as well as some older graphics and pictures. Over the next month or so I will begin the slow process of removing this data. I am currently looking into some other options to store this information at another online site that we will use as backup storage. More on this later.

The site continues to be very active generating about 25 – 30 views every day. I'm glad that it is being visited, it shows that it still is drawing interest. It certainly has proven to be a useful tool to promote the club and our hobby to both members and I hope the public and community alike.

### .. New ARRL Member Benefit ..

With just a mouse click or two, ARRL members can now access the online QST magazine archive. This new benefit — a service of the ARRL Technical Information Service (TIS) — provides PDF copies of all QST articles from December 1915 through December 2004, enabling members to view and print their favorite article, project and more. For many years, the TIS has provided members with assistance researching ARRL periodicals and publications, as well as providing members and non-members with article reprints for a small fee. Access to the new online digital QST archive is free for ARRL members. I have already used this new online service and it works great, the search feature allows you to look for a particular story or product review with just a click of the mouse. Granted, I still like getting the magazine every month, there is still something about sitting down to a brand new QST magazine that I still look forward to each month. But if you're looking for something special, this is just the thing. Give it a try and let me know what you think.

**73's for now, Catch you later..  
De Terry – N8ATZ**

# Amateur Radio Can Be Puzzling

Unscramble the clue to find the correct word

The amateur radio operator/hunter was knowledgeable with multiband antennas because he understood the use of \_\_\_\_\_ (SPRTA)

The doctor could have increased his score in the DX contest if he had more \_\_\_\_\_ (NTEPCAIE)

The first step in the latest soldering techniques is \_\_\_\_\_ (ETG) the \_\_\_\_\_ (DLAE) \_\_\_\_\_ (UOT)

Using the right soldering tool can \_\_\_\_\_ (NORI UTO) cold solder joints

A good way to learn computers is a \_\_\_\_\_ (TEYB) at a \_\_\_\_\_ (MTIE)



Your Half-Way There



The antenna rotor did not point in the right direction because it needed \_\_\_\_\_ (SGNRIAEB)

To check the transmitter the amateur radio operator needed to know \_\_\_\_\_ (HTSAW) \_\_\_\_\_ (TWSTA)

When the amateur radio operator finished putting up a yagi, he \_\_\_\_\_ (MDEBEA) with \_\_\_\_\_ (YJO)

Items purchased at a flea market can have many \_\_\_\_\_ (GBSU)

The vertical antenna was never installed because the operator spent too much time \_\_\_\_\_ (TANZIORLOH)

**73, DE MIKE, WA8MKH**

## OHIO NEWSLETTER WINNERS ANNOUNCED

### GRANT RADIO CLUB WINS 17TH OHIO HAM RADIO NEWSLETTER CONTEST

It had scored second place in 2007, so the newsletter of the Grant ARC of Georgetown stepped up one place to win the newsletter contest in 2008, announced by Ohio Public Information Coordinator Emily Wells, KC8RAL.

PIC Wells made the announcement and awarded certificates to all three winners during the Ohio Section Conference at the State Fire Academy in Reynoldsburg. During the presentation ceremony, John Harrell, KD8DFV, the winning editor, described putting the Grant ARC newsletter together. Mrs. Wells also announced the 18th Newsletter contest began immediately.

The winners announced were:

First Place - News Unwired, Grant Amateur Radio Club from Georgetown, OH: John Harrell, KD8DFV, editor - 79 points.

**Second Place - Feedback, Massillon Amateur Radio Club from Massillon, OH: Gary Kline, WC8W, editor - 78 points.**

Third Place - Cleveland Chapter One Newsletter, Cleveland Chapter One QCWA (Quarter Century Wireless Assoc., Inc.) in Lakewood, OH, D. E. (Dee) Logan, W1HEO, editor - 76 points.

PIC Wells also announced three newsletters tied for honorable mention with 75 points each - these were: RF Carrier, Dayton Amateur Radio Assoc., Jerry Miler, WD8QAI, editor; Radiogram of Portage County Amateur Radio Service, Tom Parkinson, KB8UUZ, editor; and Watts Happenin,' Wayne Amateur Radio Club, Russell McQuate, K8RMC, editor.

The Ohio Ham Radio Newsletter contest, originated in 1992, is administered by the Public Information Coordinator, is not only conducted to reward excellence in our newsletters but to reward growth and improvement among all participants. Both printed and electronic based newsletters participate. This is the only such regular section newsletter contest among the 71 sections nationally in the ARRL.

Any newsletters received by either the PIC or SM Joe Phillips, K8QOE

(snail mail or electronically) are automatically entered. Newsletters must be published regularly - monthly, semi-monthly or quarterly - and must be distributed to members of the club the newsletter serves. All entries must be in the hands of the PIC by July 15, 2009 and the results will be made during the 2009 Ohio Section Conference, September 12, 2009 in the Columbus area.

Points are awarded in categories with the intent to reward service and value to readers over attractiveness of display and editing.

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ARRL Ohio Section  
Section Manager: Joseph J. Phillips, K8QOE  
[k8qoe@arrl.org](mailto:k8qoe@arrl.org)

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### NEWSLETTER CONTEST COMMENT FROM EDITOR WC8W

Well this certainly was a big surprise, taking second place in the Ohio Section Newsletter Contest ! This was by no means an individual effort. I had some very good help from all the contributors to Feedback and my Thanks goes out to Mike WA8MKH, Terry N8ATZ, Rodger KA8FTS, Scott N3JJT & Dan N8DZM for regular contributions; Gene W8KXR for his great short stories; Perry W8AU for commentaries, and Igor K8INN, for his monthly calendar. And most of all thanks to the membership of the Massillon Amateur Radio Club for support and the great pictures from the events we all worked this past year. Without all of you this could not have happened. This award will certainly motivate myself and contributors to do the very best we can to continue to bring you this "award winning" newsletter !

Congratulations to the Grant Amateur Radio club for taking first place in the contest. They surely deserve it. Yes I had to look up where Georgetown is located. It is located in southwest Ohio, right near the Ohio River and not too far from Cincinnati. They are located in Brown County. Try looking them up on the web at : [www.garcOhio.net](http://www.garcOhio.net) . Also congratulations to all of the other winners and of course thanks to Ohio Public Information Coordinator Emily Wells, KC8RAL and her staff for the fine work they do in choosing the winners in the contest of which I'm sure is no easy task!



## Prez Sez

**G**ee Whiz....Here we are in October already! Fall is upon us, and the leaves will soon be changing, and the smell of Fall will be in our heads! Two big things coming up in October for MARC: First the Safety Break. Oct 3rd, 4th and 5th on the North Bound Rest Area, Interstate 77, in the Dover/New Philly area. Thank you to everyone for volunteering to be at the Safety Break. This is our only money maker for the year. For those who are not going to participate,(physically), donations are accepted in the forms of baked goods,(individually wrapped), store purchased crackers and the like. These items can be dropped off anytime at the rest area during the weekend! Again, for those of you willing to donate, thank you!

The 2nd item will be the hamfest. The weekend of Oct 25th and 26th. The Massillon Boys and Girls Club, 730 Duncan St SW, Massillon, Ohio. Tables will be dropped off at the Boys and Girls Club Friday evening, and we will be setting up for the hamfest Saturday morning at 9am. Bring your muscles, and you might want to bring some gloves too. This is a big task to set up and tear down. The tear down will take place right after the hamfest on Sunday. The amount of work that is involved takes as many people as we can have there, before ,during and after. This is not a job for just a few folks! It takes a group effort to make all of this come together. At the next meeting I we will be seeking volunteers for manning the security,helping at the front desk, and maybe even helping with mobile check-ins! Some areas are covered, but the more the merrier! I hope to see a great turnout! If anyone has any questions concerning the hamfest, contact me, at [scottmccamish@hotmail.com](mailto:scottmccamish@hotmail.com) and use MARC HAMFEST as the subject line. If anyone needs info on tables, contact Terry Russ, N8ATZ, 330-837-3091.

**That is all from this desk...See ya at the meeting...de N3JJT..ur Prez**



## ARRL NEWS

### NVIS For Your club

Near Vertical Incidence Skywave (NVIS) is a propagation mode which uses high angle radiation to send signals almost straight up to be reflected back to Earth for very effective short to medium haul communications. NVIS uses a no skip zone making reliable communications effective for a range out to 500 miles. No special equipment is required to create high angle radiation. The NVIS propagation mode works on frequencies below 10 MHz because these high angle radio waves are reflected back to Earth rather than absorbed by the atmosphere as with higher frequencies. Often a low dipole is all that is needed to accomplish reliable communications within the no skip zone. Because of the reliability of communicating within this range and no need for infrastructure or third party support such as repeaters or satellites, NVIS is an excellent choice for emergency communications and for staying in contact with friends in nearby locations.

NVIS is an excellent topic for a club meeting and clubs can get extra mileage from the NVIS topic by incorporating an antenna project and on air activities among the members. The ARRL Multimedia Library has several Power Point programs that can be used by your club for meeting programs. These programs are free to download and use at < [www.arrl.org/multimedia](http://www.arrl.org/multimedia) >.

One of the programs in the library presents NVIS fundamentals, its advantages and techniques on how to deploy NVIS in the field. Use this program at your club meeting as a presentation and discussion of the high angle propagation technique.

After members are knowledgeable about NVIS future meetings can incorporate a hands on project where club members build antennas to use for NVIS operation. The multimedia library has an marvelous Power Point with a project for building a NVIS antenna for the 40, 60 and 80 meter amateur bands. This program is well illustrated, easy to follow and uses readily available materials.

Because the NVIS technique is effective for short to medium distances club members can gather on the air and compare signals and other aspects of NVIS.

With all of the recent tropical storms and hurricanes in the Southeastern United States radio amateurs employed NVIS techniques to get messages out of effected areas. The propagation mode works well with SSB and with digital modes including Winlink 2000. Because antennas for NVIS do not have to be mounted high, a complete antenna package including coax and support poles and antenna can be packed into a duffel bag ready to be deployed whenever and wherever needed.

If your club is looking for an informative and entertaining meeting program that can be expanded to other activities then try Near Vertical Incidence Skywave.

## ARRL Club Newsletter

### AMERICAN RADIO RELAY LEAGUE

September 27, 2008 Norm Fusaro, W3IZ, Editor

#### ==> SIMULATED EMERGENCY TESTS SCHEDULED FOR OCTOBER 4-5

When emergency or natural disaster strikes, Amateur Radio is often called into the limelight of public service to establish a line of communication to and from the stricken areas. Amateur Radio networks, once established, sustain communication during the emergency efforts by helping the disaster relief workers and public with point-to-point communications or health and welfare messages. During weather related threats or during the actual occurrence of severe weather, Amateur Radio networks are commonly on standby to gather information and report this data to the National Weather Service or other pertinent authorities.

You've read about and/or have heard about these important stages of Amateur Radio public service in QST or on the Web or elsewhere. Make this the year that you take a role to learn more and become ready to serve in public service and emergency communications.

The ARRL sponsors a nationwide trial for Amateur Radio operators for a role in the Amateur Radio Emergency Service, the Radio Amateur Civil Emergency Service, the National Traffic System, the National Weather Service's SKYWARN, the Salvation Army Team Emergency Radio Network (SATERN) or other groups as well. It's the ARRL's annual Simulated Emergency Test (SET), and you're invited to join on October 4-5, 2008, or whenever it is held in your area.

To participate in this year's emergency test, contact your local ARRL Emergency Coordinator or Net Manager to find out the details. Although October 4-5 is the focal point weekend, ARRL Sections, ARES teams and nets may conduct their exercises anytime during September through December. If you don't know who to call, please touch base with your ARRL Section Manager for assistance (see page 16 in any QST for contact information or consult the ARRL Web page <<http://www.arrl.org/sections>>). Whether you're a new licensee or an experienced radio amateur, the SET is a golden opportunity to learn or practice useful skills in traffic handling, net operation and emergency communications protocols and management.

ARRL Section Leaders and local or District Emergency Coordinators are encouraged to work closely with served agencies in planning these exercises. This not only helps to heighten awareness of Amateur Radio in the community, but also helps ensure that effective communication networks will be in place if an actual emergency occurs. ARRL maintains National Memoranda of Understanding with several organizations and entities, and the SET is a prime chance to put these agreements into action. More details may be found here <<http://www.arrl.org/FandES/field/mou/>>

(Thanks ARRL Letter 09/26/2008) .

## Vote Early and Often

By Dan Romanchik, KB6NU

Three years ago, I ran for Vice Director of the ARRL's Great Lakes Division. I showed up at hamfests and club meetings, handing out flyers and pressing the flesh. I lost that election, but I'm running again this year. I have some ideas that I think will make ham radio better, and while I am currently working on many of these, I'm hoping that being on the ARRL's Board of Directors will help me be more effective in my work.

I'm not going to make this column a campaign piece, though. If you want to know where I stand on a particular issue, or more about my qualifications, go to my website, [www.kb6nu.com](http://www.kb6nu.com) or contact me directly, and I'll chew your ear off. Instead, I thought that I would talk about the ARRL's organizations and how we elect our ARRL representatives.

#### 71 Sections, 15 Divisions

The ARRL has split the country into 71 sections and 15 divisions. Each division contains a number of sections. The Great Lakes Division, the division in which I reside, consists of the Michigan Section, the Ohio Section, and the Kentucky Section. Each of those sections covers the entire state, but many states, such as New York and California, contain several sections.

Each section has a section anager, who is responsible for directing the section's field organization. The field organization includes the state's emergency communications organization, official observers, and traffic networks. The section manager is elected by the members in a section and is responsible only to the section's members.

On the other hand, each division elects a director and a vice director to serve on the ARRL's Board of Directors. These folks are responsible for setting the policy of the ARRL. The director is the one who actually gets to vote. The vice director is there to stand in for the director, should he or she be unable to make a board meeting, or to serve as director, should a director become incapacitated or resign for any reason. Directors and vice directors have no authority over section managers, although as you might

expect, they often work closely together on matters affecting the sections.

There are fifteen divisions. Each division holds an election every three years, and the elections are staggered so that every year there is an election in five divisions. This year, elections are being held in the Atlantic, Dakota, Delta, Great Lakes and Midwest Divisions.

If you are in one of those divisions, I hope that you will look for the ballot that will show up in your mailbox (if it hasn't already), read the candidate's statements, and vote for the one that you think will do the best job. Make your voice heard!

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When he's not running for the ARRL Board, Dan blogs about ham radio at [www.kb6nu.com](http://www.kb6nu.com) and is working on getting a ham radio station up and running at Ann Arbor's Hands-On Museum ([www.aahom.org/wa2hom](http://www.aahom.org/wa2hom)). You can e-mail him at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com) or look for him around 7030 kHz working CW.

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## HALLOWEEN OCT 31



## AN EDITORIAL

On Sunday afternoon September 14th Stark County came as close to a real disaster as we have seen in quite a long time. Remnants of Hurricane Ike roared through the county leaving most of the county without electricity and a whole lot of damage. Most prevalent was tree damage. Meaning trees cut power lines, fell onto homes and cars blocked streets and highways Winds were clocked at 80 M.P.H. (max) with sustained winds at or around 40 - 50 M.P.H.. Oddly enough I didn't hear of any structural damage (from the high winds); no mobile homes damaged or destroyed, like there was in the Gulf region.

Even more odd was the fact that we didn't have any warning that the winds were that bad. We knew that it was coming. Weather reports were saying that Ike was working it's way north. No word from anyone that the winds were damaging, not from the Weather Bureau, not from any Government entity. After the fact the governments only declared "A state of Emergency existed" in this area. Other counties (mostly southern counties) declared Disaster Areas.

What most concerns me and the Amateur Community is the ARES in the County. I was keeping an eye out that afternoon, listening to the 147.12MHz Repeater on my handheld with no net in session. Winds were really strong and the sky looked very threatening. Then all "hell" broke loose. Winds started blowing 30 M.P.H.; 40 M.P.H.+ . Still no net. Then I lost a huge tree in my yard (thank God it missed the house) , a tree with a 3 to 4 foot base, a real healthy tree. A few minutes later I heard Mike KB8MIB , start the ARES net with help from KC8ZEJ. Michelle and Mike are both net managers for local ARES. Yet I know neither one has gone through the ARRL Emergency Communications Course. I cannot say if either has the FEMA Emergency courses. Both are very fine people. I like them alot, but popularity is not what I look for in a leader. What is really needed is a good critique of the local ARES group. They told us at the Skywarn meeting in March that they are looking for reports of downed trees & branches in excess of 3 inches etc.. I reported that I had trees down and many branches down in excess of 3 inches of which when Mike asked for damage reports, my report was not included. Where do they get the information to start the ARES Net? Do they look out the window and say we need to start the net? Do they get info from any Government agency? TV? Although the net came on late, it quickly became apparent how dangerous a storm was passing through. Both NCS's were overwhelmed. Yet I heard nothing from the County EOC. They needed help. I personally listened to the net until I lost power in my handheld. I don't know if the County EOC came on after wards or just what happened. Terry (Stark County Assistant EC) N8ATZ has started a really good thing, holding ARES meetings quarterly. We need to do a whole lot of "catching up" ! Both NCS's did a remarkable job all things considered. I firmly believe that with a little training, they will be better equipped to handle the requirements of a formal net operations --- but that's just my opinion ! **73's de Gary WC8W; Editor Feedback .**



# October 2008

## W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																										
<div style="display: flex; justify-content: space-around;"> <table border="1" style="font-size: small; text-align: center;"> <caption>Sep 2008</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></td><td></td><td></td><td></td></tr> </table> <table border="1" style="font-size: small; text-align: center;"> <caption>Nov 2008</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></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></td><td></td><td></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					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							1	<p style="text-align: center; color: #800080; font-size: 24pt;">2</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">3</p> <p>BD K8MOO</p> <p>Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">4</p> <p>BD N8ATZ</p> <p>VE Test Sessions, Portage County ARS, 1000, Ctc.: James 330-297-7979, Center of Hope, Ravenna</p>
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<p style="text-align: center; color: #800080; font-size: 24pt;">5</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">6</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">7</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">8</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">9</p> <p>BD WD8ROR</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">10</p> <p>BD N8GPC</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">11</p> <p>VE Test Session, Sunnit Co. American Red Cross, 1200, Ctc.: Bruce Ferry, 330-929-2766, American Red Cross, Akron</p>																																																																																										
<p style="text-align: center; color: #800080; font-size: 24pt;">12</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">13</p> <p style="color: red;">Columbus Day (Observed)</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">14</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">15</p> <p>BD WD8MIF</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">16</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">17</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">18</p>																																																																																										
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<p style="text-align: center; color: #800080; font-size: 24pt;">26</p> <p><b>MARC HAMFEST!</b> Also, VE Test Session, Massillon Hamfest, 0900, Ctc.: Gary Kline, 330-837-2927, Massillon Boys &amp; Girls Club</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">27</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">28</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">29</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">30</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="text-align: center; color: #800080; font-size: 24pt;">31</p> <p style="color: red;">Halloween</p>	<p><b>Upcoming Events:</b></p> <p><b>Nov. 15 - 16 Indiana State Convention (Fort Wayne Hamfest - Computer Expo)</b></p> <p><b>Nov. 22 54th Annual Massillon Holiday Parade</b></p>																																																																																										

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

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**75 Years in existence 1927-2002**



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