



# FEEDBACK

**VOLUME 61 ISSUE 10**

**OCTOBER 2016**

**MASSILLON AMATEUR  
RADIO CLUB OFFICERS**

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**MRN NET Sundays 8:00 PM  
3599.5 KHz**

**WEST STARK INFO NET  
Fridays 8:00 PM 147.180 MHz  
( EXCEPT 1ST Fri of month)**

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## OCTOBER MEETING

The meeting for the month of October will be held on October 7, 2016 at Affinity Hospital Conference Room # 1 at 8:00 PM Doors open at 7:00 PM.

Not only will we “rehash” the Swiss Festival Event but we will present the final plans for the Hamfest. The Hamfest is October 23 this year. Preliminary plans are: Open the doors for dealers by 6:00 AM (or earlier) Have most of the security helpers in place by 6:00 AM, have coffee started by 6:00 AM and have the mobile check in station on the air by 7:00 AM (or earlier). Those members who performed these duties last year, if you could do them again this year , it will be MUCH appreciated !

All other tasks have been accomplished. Prizes have been ordered and should be here any day now, Tickets and fliers are at the printers, when finished the fliers will be mailed out. If you can think of anything else that needs to be done, please let us know . Be sure to attend this month’s meeting and volunteer for your favorite position! See you at the meeting !

## OCTOBER PROGRAM

The program for the month of October will be that there will be no program! Instead we will use this time to finish up with Hamfest plans and solicit volunteers for the various positions that are open. This is a total club participation event ! Everyone’s help is needed to make the Hamfest success!

Terry, N8ATZ lists the jobs openings in his column on page 4 of this issue of Feedback. Please look them over and decide which job is best suited for you and be sure to let him know by emailing him at [truss@sssnet.com](mailto:truss@sssnet.com) ASAP !

## 90th Anniversary

At last month’s meeting it was announced that the club will be turning 90 years old with the coming of the new year 2017. It was proposed we have a Special Event Station put on the air, but no formal plans were made. I propose a committee be formed with the task to set a date for the Special Event Station and also it was proposed we have a new logo drawn up to depict the anniversary for use on the newsletter. And I cannot think of anyone better to chair the job than our very able historian, Mr. Perry Ballinger, W8AU. Perry is a very busy man and he will need lots of help with this project. So be sure to raise your hand and volunteer to help whoever volunteers to chair this project !

WC8W MARC Editor.

## MARC Minutes September 2, 2016

President Ralph K8HSQ, opened the meeting at 8:00 PM, and after the Pledge of Allegiance, there was a role call, with 26 persons present.

### Acceptance of last month's minutes:

Ralph asked if there were any changes or additions to last month's meeting notes. None being heard, a motion to accept the report was made by Perry W8AU and seconded by Patty KD8UXL. Motion passed.

### Treasurer's Report:

Gary WC8W then gave a detailed report on club finances. The most significant payment this month was to Baker Towers for items relating to the new repeater antennas. No financial questions being asked, a motion to accept the report was made by Bud WA8KWD and seconded by Jim WA8GXM. Motion passed.

### VP Report:

Terry mentioned that there were club flyers at the table from the Dayton ARC and Lake Erie ARC for people to read. Hamfests this month are Findlay at the Hancock County Fairgrounds on Sunday Sept. 11th (<https://www.findlayradioclub.org/>) and Cleveland, at the Cuyahoga County Fairgrounds in Berea, OH ([www.hac.org/](http://www.hac.org/)) on Sunday Sep. 25th. Terry also mentioned that the Ohio ARES conference will be held Sept. 24<sup>th</sup> at Marion Ohio. Don W8DEA will be a presenter at this conference. Birthdays this month were Charlie KB8STV, Mike KD5IT, and Anne N8GAF.

### Committee Reports:

Repeater report by Jim WA8GXM. The new antenna at Affinity Hospital for the 442.85 repeater has been installed. Thanks guys, for your effort in getting the new antenna up and running. Also, Jim mentioned that we have received the DB224E antenna that will replace the antenna on the 147.18 repeater later this fall. Ralph also thanked Chris KD8TNF for his update of the QRZ site with hamfest information. There was some discussion about putting some sort of artwork to commemorate the 90<sup>th</sup> anniversary of the MARC on the site if a suitable one can be found. Anyone wanting to design and submit artwork to that end should submit it to Chris.

Perry W8AU brought up the subject of possible club participation in NPOTA activity at the National First Ladies Library at Museum/Saxton McKinley House 331 S. Market Ave. Canton, Ohio. This site is the 380<sup>th</sup> unit of the National Park Service, so qualifies for NPOTA. Several people thought this would be a good activity if a few members are interested in helping. We only have a couple of months left to do this, so if you are interested, contact Terry N8ATZ.

### Old Business:

Terry gave an update on the upcoming hamfest. The prizes from the ARRL have arrived, along with gift certificates. Table rental will be from the same vendor as previous hamfests. Terry will work out the details for the tables. The main prizes are on order, and will be the same as last year, namely a Yaesu 8900 quad-bander, an antenna tuner, and a Yaesu FT-60R handheld. In addition, an ARRL QSL card checker will be on hand. Joe Herrick most likely will be our contact with the Boys and Girls Center for access and security, after some details are worked out. VE sessions will gain be available at the hamfest.

Perry W8AU raised the idea of having a special event station to commemorate the 90<sup>th</sup> anniversary of the club. The suggestion was made to assemble what would amount to a typical 1927 era ham station to use. Perry brought a 1927 vintage transmitter for the "Show and Tell" program to show to members. It was built by SK George Eberly, W8FNU. This might be a great fun activity for the club. We would need to construct a 1927 vintage regenerative receiver for this to happen. Are you interested? Talk to Perry.

### New Business:

This Swiss Festival is coming up fast, and discussion followed about whether we have enough volunteers to man two lots, or just one. A lot of discussion followed about whether we can get enough people to man both lots. After a show of hands it was decided to go for both lots. It will be critical to get volunteers that we can depend on to be there and help. Last year there were many last minute cancellations that really created problems. If you sign up to help, consider it a commitment that you must keep. This is a key fundraiser for the club, and if we perform poorly, can be lost. A sign up sheet was passed around at the break, and the names given to Terry who can work with other members to put a schedule together. Being prepared for inclement weather and all unforeseen problems is key. Mike Sciarini mentioned that he put together a detailed instruction pamphlet last year. Ralph mentioned that he has a copy of the pamphlet, and will make it

available to volunteers. Wade WD8MIU will be canvassing members that don't attend meetings often to try to get as many volunteers as possible.

Rex NX8G announced that the Alliance ARC will be doing an activation at Cuyahoga Valley NP on Saturday Sept. 17th, and all members of the Massillon club are invited to attend and help. There will be 2-3 stations on the air, using phone, cw and digital modes. The activation will be held at **The Ledges Shelter**, 701 Truxell Road, 1 mile west of Akron Cleveland Road, Peninsula 44264. Come and enjoy the fun. Rex also announced that from November 5-12 he will be part of a dxpedition on the island of St. Lucia, operating as J6/NX8G

With business concluded, a motion to adjourn was made by Charlie KB8STV and seconded by Jim WA8GXM. Motion passed

50:50 Raffle: The raffle was won by Tony KD8UXK who generously donated the winnings back to the club. Thanks you Tony! There was also a raffle held for 6 books related to ham radio and electronics donated by Charlie KB8STV. Thank you Charles!

After the meeting Ralph gave a nice demonstration of his SDR (Software Defined Radio) and displayed a lot of nice pictures taken mostly when he was stationed in the far north while in the Air Force. Thank you Ralph for the nice presentation.

Thank you Steve and Shirley and any others who helped for providing refreshments!

**Submitted by Fred KD8SMO**

## PROJECT COMPLETED

In the picture below you can see a bright new paint job on the club's tower base. This job has needed finishing for the past two years. We finally got some nice weather; time to do it and we finished it! Thanks to Fred, KD8SMO and Bud WA8KWD, and myself WC8W (one guy working at a time is about all that can fit into that small space!). All rust, flaking paint and debris was scraped off and a new coat of paint applied. This should last another 3 or 4 years. What looks like rust on the tower cross braces is actually undercoat. Which means the tower itself could use a coat of paint. But that is another project!



## CLEAN UP AFTERWARDS !



In the picture above Bud Harvey WA8KWD and myself, Gary WC8W finish cleaning up after the paint job is completed. Fred KD8SMO is behind the camera taking the pictures. The tower base is attached to the buildings steel framework (for the elevator and the building itself) which made a perfect place to tie into. The tower has taken all Mother Nature has thrown at us here in NE Ohio and it still looks like the day we installed it! !

### ... HAMFEST DETAILS ...

**H**amfest details are in full swing. At this month's meeting we need to fill all the normal hamfest positions - table reservations; ticket sales; prizes; security; club table; auction; mobile checkins; etc. These are important jobs that are needed for a successful hamfest. This is a total club participation event, we need everyone's help, not just a few volunteers. If not, it's time to get out of the hamfest business !

Our main mailing will be similar this year as we will be mailing post cards out and not full size flyers as in the past. This will cut costs for us. The October issue of QST has the club hamfest notification and I expect table reservations to begin filling up soon.. Also the League has once again donated four very nice gift certificates to use as main / door prizes. Main prizes should be on order and maybe we will get a few donated door prizes as well thanks to Universal Radio !

As always, we need volunteers to help with table setup on Saturday, October 22nd around 9:00 - 9:30 AM.

Final details will be worked out at the October club meeting. No formal program is planned for the meeting as we need time to complete all the necessary arrangements for our hamfest. Please join us for both the meeting and of course we hope to see you all on Hamfest Sunday !

### ... FALL IS HERE ! ...

As I work on my column for this month, I realize that it's almost Autumn. The days are shorter and the nights longer. The weather is cooler and the trees are changing already.

So what does all this mean to radio operators? For me, it means more time to devote to our hobby. It also means more time for my other favorite activity, project building. And let's not forget

about antennas. No matter what they say, I prefer to work on my antennas in nice weather. I had some tree trimming done around the house that was way overdue. That's the good news. My G5RV is broken again and now I don't have any low hanging branches to hold it back up again, that's the bad news!. I hope to try a different type of wire antenna more conducive to my new tree configuration. Maybe an end fed type ? I'm also planning on repairing my HF vertical for the winter operating.

Regarding projects, I have a few ideas on some digital interfaces that I hope to start on once things settle down, this is still my favorite mode of operating and works well for my low profile station. I want to try one that doesn't require an expensive hardware interface and will work using just your computer soundcard.

I'm also about a year behind in the various ham magazines that I would like to catch up on. So while I'm not looking forward to a long snowy winter, I am looking forward to some fun radio time.

That's it for this month.  
See you at the meeting and especially our Hamfest !

73's  
Terry - N8ATZ

Just a reminder of what's coming , the picture is my front yard a few years ago UGH 2 feet of snow on the ground ! Editor



## HELP NEEDED

Greetings fellow Great Lakes Division members,

Hopefully you have all seen the following message from ARRL President Rick Roderick K5UR. It is now time for everyone to take action.

Click on the link Rick provides and send your letter to each of your Senators. It literally takes about 2 minutes to do, and you can take pride in helping pass this important legislation.

Here is Rick's letter to us all, and from your Director, Dale WA8EFK, thanks for your help:

Dear ARRL member,

I am writing to you today because we are at a crossroad in our efforts to obtain passage of The Amateur Radio Parity Act.

Our legislative efforts scored a major victory in our campaign when The Amateur Radio Parity Act, H.R. 1301, passed in the House of Representatives yesterday, September 12th. The legislation now moves to the Senate, where we need every Senator to approve the bill.

You are one of over 730,000 licensed Amateur Radio Operators living in the United States. Many of you already live in deed-restricted communities, and that number grows daily.

**NOW IS THE TIME FOR ALL HAMS TO GET INVOLVED IN THE PROCESS!**

If you want to have effective outdoor antennas but are not currently allowed to do so by your Home Owner's Association, **SEND THESE EMAILS TODAY!!**

If you already have outdoor antennas, but want to support your fellow hams, **SEND THESE EMAILS TODAY!!**

If you want to preserve your ability to install effective

outdoor antennas on property that you own, **SEND THESE EMAILS TODAY!!**

We need you to reach out to your Senators **TODAY!** Right away.

Help us in the effort. Please go to this linked website and follow the prompts:

<https://arrl.rallycongress.net/ctas/urge-senate-to-support-amateur-radio-parity-act>

( From Editor: you must cut & paste this link to your browser, Feedback does not have hyper-link)

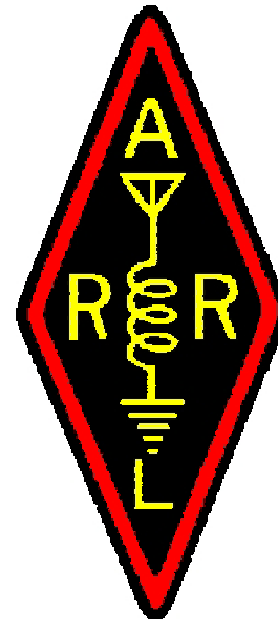
Thank you.

73,  
Rick

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Rick Roderick, K5UR  
President

ARRL, the national association for Amateur  
Radio

-----  
ARRL Great Lakes Division  
Director: Dale R Williams, WA8EFK  
[wa8efk@arrl.org](mailto:wa8efk@arrl.org)



## ARRL NEWS

### Amateur Radio Volunteers Needed to Support Marine Corps Marathon

09/14/2016

Amateur Radio volunteers in the Greater Washington, DC, region are invited to support the 41st running of the [US Marine Corps Marathon](#). The annual event takes place on Sunday, October 30. Volunteers will support communication for the Marathon, which covers a scenic route starting near Arlington National Cemetery, into Washington, DC, and past many monuments — hence the nickname “Marathon of the Monuments” — and back into Virginia, concluding after 26.2 miles at the Marine Corps War Memorial in Arlington.



Amateur Radio volunteers provide emergency medical and logistical communication support throughout the course, working in concert with various law enforcement agencies as well as with local fire and emergency medical services to aid the more than 25,000 participants.

“Additional ham radio operators are still needed to staff some points along the course, including mile markers, water points, food stops, and aid stations, as well as some post-finish locations,” said Marathon Amateur Radio Communications Director Howard Cunningham, WD5DBC.

Visit the Marine Corps Marathon website to [register](#). [Contact](#) Cunningham for more information.

(Editor Here’s your chance to “make it big” ! Oooow Raw! )

### “Cows Over the World” DXpedition Tour on Hiatus

09/15/2016

Tom, Callas, KC0W, and his all-CW Cows Over the World DXpeditions are on hold for the moment. “My proposed ‘Top 25 Most Wanted’ DXpeditions is not going to happen,” he said on his [QRZ.com page](#). Sorry for getting anyone’s hopes up.”

Callas said he will remain in Fiji until he starts his T30COW operation from Western Kiribati, September 24-October 24. He has been issued 3D2KOW for a Fiji DXpedition in 2017.

He’s still awaiting permission to operate from Tokelau and Nauru. Callas runs 500 W into vertical antennas over salt water, and is active in all major CW contests. He updates his activities on QRZ.com. QSL direct via KC0W only. A log search will be available on [ClubLog](#). — Thanks to Southgate Amateur Radio News via OPDX



## LIFE IS SIMPLE



## AT&T's New "AirGig" Not Your Father's BPL

09/21/2016

Recalling the earlier efforts of the FCC and telecommunications and utility interests to roll out "Broadband over Powerline" (BPL), the Amateur Radio community has been buzzing with questions about AT&T's just-announced "AirGig" BPL plan to make broadband available via apparently similar technology. ARRL's earlier anti-BPL campaign, and market forces, eventually led to the demise of the prior BPL initiative. ARRL Laboratory Manager Ed Hare, W1RFI, who spearheaded the earlier effort to quantify BPL's threat to Amateur Radio's HF spectrum and remains the resident expert on the subject, said this newest BPL incarnation should *not* pose an interference issue for radio amateurs.



"This technology uses millimeter-wave RF signals (30 GHz to 300 GHz) coupled onto the surface of power lines to transmit the signal along the line with relatively low losses," Hare explained. "After looking at this technology, it looks nothing like the type of HF and VHF BPL that caused us so many problems years ago. The sky is not falling."

Hare added that it is not likely that the AT&T technology will even use Amateur Radio bands, so there is little reason for concern even among those amateurs who use spectrum above 24 GHz.

According to AT&T's September 20 announcement, the company is "deep in the experimentation phase" of the developing technology, which it says would be "easier to deploy than fiber, can run over license-free spectrum, and can deliver ultra-fast wireless connectivity to any home or handheld wireless device." AT&T said its initial — and continuing — testing at AT&T outdoor facilities "has been positive," and initial field trials are set to begin in 2017.

Hare said the technique of putting RF signals onto the surface of conductors is not new. An [article](#) by Glenn Elmore, N6GN, and John Watrous, K6PZB, appeared in the May/June issue of *QEX*, describing the technique. In January 1953, the *Proceedings of the IRE*

featured an article by C. E. Sharp and G. Goubau, "A UHF Surface-Wave Transmission Line," and the *Radio Amateurs VHF Manual 11th edition* introduced the technique to amateurs in 1968.

Hare said the League will keep an eye and ear out for interference problems, but he believes that the frequencies involved and the fact that these signals should not propagate far from the lines will pose little risk the Amateur Radio Service.

"So far, industry has not found a way to reliably put broadband signals on wires intended to carry power frequencies," he said. "The technical difficulties of trying to use wiring not designed to carry RF signals [and] connected to all sorts of noisy loads, other conductors and even splices that are major discontinuities at these frequencies will probably prove to be quite the technical challenge. ARRL is interested in seeing all technology succeed, but its vested interest is in the interference potential of new technologies. Fortunately, in this case, there is little likelihood of interference."

(Thanks to ARRL News 9/21/2016)

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## Should U.S. ham tests be given abroad?

By Dan Romanchik, KB6NU

A couple of weeks ago, I received an e-mail from a reader who wanted my opinion about a thread on the HamRadioHelpGroup mailing list. The e-mail that started the discussion was a message from an American living in Italy who wanted to take the Technician Class exam. In her e-mail, she told of her troubles finding a test session, and then when she did find one, what she perceived as irregularities in the testing process. Reading the thread was a little disconcerting, and I blogged about this issue (<http://www.kb6nu.com/u-s-amateur-radio-license-exams-given-outside-u-s/>).

I understand why foreign national go to the trouble of taking the U.S. license exam. Some of them even buy my study guides. About a year ago, for example, I swapped some e-mail with a guy from Malaysia about why he purchased my study guide and why he wanted a U.S. license. He said that it was because a neighboring country offered reciprocal operating privileges to U.S. licensees, but not Malaysian licensees! He mentioned that he tested for the license in Thailand.

Basically, my Malaysian friend was using the U.S. licensing process to circumvent the Malaysian licensing process. Australians seem to do this, too. Apparently, according to one of the VKs who commented on the thread, getting a U.S. Tech license is easier than testing for an Australian Foundation license. So, some Australians get a U.S. Tech license first, then get the Australian government to issue them a VK Foundation license based on the reciprocal operating agreement between the U.S. and Australia.

Another reason that some outside the U.S. obtain U.S. amateur radio licenses is the challenge. That's the reason Martin Butler, M0MRB/W9ICQ, of ICQPodcast fame, gave when I spoke to him about this recently.

Are these reasons "good enough" to continue this program of licensing non-U.S. citizens? My first reaction was that no, it's not good enough, and I questioned whether or not the ARRL VEC should sanction non-U.S. VEs and whether or not the FCC should even allow testing outside of the United States.

I didn't see the need for conducting these test sessions or the desirability (to the U.S.) of licensing foreign nationals. I reasoned that not only was there a greater possibility of test fraud, this program could lead to foreign authorities claiming that the U.S. was meddling in their affairs.

This post garnered a lot of comments. Several of them took me to task for voicing this opinion and were in favor keeping the current licensing program in place. There were a variety of reasons.

One of the reasons in favor of using the U.S. licensing process is that in many countries, amateur radio license exam sessions are not very frequent. Another is that they often are quite expensive. This creates an artificial barrier to getting an amateur radio license. Using the U.S. licensing system breaks through this barrier and allows many more to enjoy amateur radio.

Of course, for everything to be on the up and up, the foreign authorities would have to condone the use of U.S. license tests. Apparently, this is the case in Thailand and Australia. I don't know about Italy, but I'm guessing that the authorities there don't really care about Italians obtaining U.S. licenses.

Perhaps the best comment came from Thida, HS1ASC/KH6ASC. He noted that the tests in Thailand were administered very strictly, and says, "The U.S. may lose some callsigns, but what the U.S. and U.S. hams get from us is goodwill, very positive feeling. Everyone who gets U.S. license is so proud, and others look at them respectfully." Since Part 97.1(e) lists as one of the purposes of amateur radio, "Continuation and extension of the amateur's unique ability to enhance international goodwill," I'm now all in favor of offering U.S. ham tests abroad.

=====  
Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides, and blogs about amateur radio at KB6NU.Com, and you can contact him by e-mailing [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com).



# October 2016

## W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																		
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<p style="color: #800080; font-size: 24pt; margin: 0;"><b>2</b></p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>3</b></p> <p>BD K8MOO</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>4</b></p> <p>BD N8ATZ  Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>5</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>6</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>7</b></p> <p>Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>8</b></p> <p>Parkersburg/Wood County Hamfest, Ctc Kenneth 304-679-3470, Mineral Wells, WV</p>																																																																																																		
<p style="color: #800080; font-size: 24pt; margin: 0;"><b>9</b></p> <p>BD WD8A  Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>10</b></p> <p>BD N8GPC  <span style="color: red;">Columbus Day (Observed)</span></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>11</b></p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>12</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>13</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>14</b></p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>15</b></p> <p>BD WD8MIF</p>																																																																																																		
<p style="color: #800080; font-size: 24pt; margin: 0;"><b>16</b></p> <p><small>2014 Conneaut ARC Hamfest, Ctc J. Michael, 814-440-6679, Conneaut, OH</small></p> <p><small>Kalamazoo Hamfest, CTC Jeff 269-205-3560, Kalamazoo, MI</small></p> <p><small>Massillon Radio Net - 3599.5 kHz, 2000</small></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>17</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>18</b></p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>19</b></p> <p>VE Test Session, Pioneer AR Fellowship, 1830, Ctc: Leonard, 330-608-2267, Akron Baptist Temple</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>20</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>21</b></p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>22</b></p> <p><b>MARC Hamfest Setup, 0900 at the Massillon Boys &amp; Girls Club</b></p>																																																																																																		
<p style="color: #800080; font-size: 24pt; margin: 0;"><b>23</b></p> <p><b>MARC HAMFEST! Doors Open 8:00 AM, VE Test Session, 0900, Ctc.: Terry, 330-837-3091, Massillon Boys &amp; Girls Club</b></p> <p><small>Massillon Radio Net - 3599.5 kHz, 2000</small></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>24</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>25</b></p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>26</b></p> <p>VE Test Session, Cuyahoga Falls ARC, 1900, Ctc: James, 330-928-8921, Northampton Town Hall, Cuyahoga Falls</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>27</b></p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>28</b></p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>29</b></p>																																																																																																		
<p style="color: #800080; font-size: 24pt; margin: 0;"><b>30</b></p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 24pt; margin: 0;"><b>31</b></p> <p style="color: red;">Halloween</p>	<p>Upcoming Events:</p> <p>11/6 WACOM Hamfest</p> <p>11/12 - 11/13 Fort Wayne Hamfest and Computer Exp</p>																																																																																																						

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

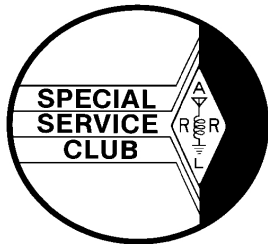
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