



FEEDBACK

VOLUME 61 ISSUE 7

JULY 2016

MASSILLON AMATEUR RADIO CLUB OFFICERS

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TREASURER

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

**WEST STARK INFO NET
Fridays 8:00 PM 147.18 MHz
(except 1st Fri of month)**

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JULY MEETING

The meeting for the month of July will be held on July 1, 2016 at 8:00 PM at the Affinity Hospital Conference room # 1. For those who have not been there as yet, go to the East side of the building , use the parking lot directly across the building on 8th Street. Come up the stairs to the Main Entrance to the hospital, go through the double doors and almost immediately turn right , and another sharp right will get you to the room.

For the July meeting there will of course be a discussion about last months Field Day event. As of this writing Field Day hasn't happened as yet so I can't comment about it. I see by the long range Weather forecast we are supposed to have fair weather so that's a good thing ! 2015 was nearly a wash out because of a downpour of rain. A few clubs did cancel out. We just made set up in record time to begin Field Day on time.

Next up for discussion will be preparing for our annual Hamfest. At last months meeting trouble has surfaced with the Boys & Girls club so lets hope Terry, N8ATZ and company can resolve the problems and we can continue with Hamfest plans. Time will tell ! See you at the meeting !



JULY PROGRAM

The program for the month of July will be our annual Ice Cream Social! So bring your appetite and be ready for some delicious "entertainment" for this months meeting! All that is asked of you is to bring your favorite toppings to share with every one and the club will supply the rest. The ladies of the club will supply the ice cream, bowls, and plastic ware.

Sounds like a real delicious night Right?



Ice Cream Social

MARC Minutes June 3, 2016

Vice-President Terry N8ATZ, opened the meeting at 8:00 PM, and after the Pledge of Allegiance, there was a role call, with 30 persons present. Everyone was glad to see our president Ralph K8HSQ who is recovering from surgery present at the meeting. Welcome back Ralph!

Acceptance of last month's minutes:

Terry 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 Mike WA8MKH and seconded by Ralph K8HSQ. Motion passed.

Treasurer's Report:

Gary WC8W then gave a detailed report on club finances. Gary mentioned that we do not have an ATT bill this month due to control of the repeater now possible with a UHF link, so the telephone line has been disconnected. This will save the club about \$380 per year. Nice work to Jim, Ralph and Perry, who were instrumental in getting this done. No financial questions being asked, a motion to accept the report was made by JimWA8GXM and seconded by Ken K8WAY. Motion passed.

VP Report:

Terry mentioned that there were club flyers at the table from the Lake Erie ARC and the Dayton ARC for anyone to read. Birthdays this month were Leonard KC8RPB, Randy KD8JN, Don W8DEF and Steve WD8MIJ. Hamfests this month are Fulton County tomorrow June 4th, Breezeshooters on June 5, and Milford on June 18th. Two complimentary tickets to the Breezeshooters Hamfest were passed out to people who planned to attend.

Committee Reports:

Repeater report by Jim WA8GXM. No further changes to the repeater have been made since the installation of the UHF control link last month.

Old Business:

There were no old business items to discuss.

New Business:

Gary WC8W mentioned that as a result of the last VEC session, we have 5 new members of the club. There were 3 of them at the meeting that were introduced by Gary. They were Al and Linda Parry KE8EHE and KE8EHF respectively and Mike Daughenbauch KE8EHG. All 5 new members that took the VEC class and passed were given complimentary one year membership in the club. Congratulations to all!

Terry then mentioned that we have received confirmation from the ARRL for our hamfest, but there may be a problem with securing the Boys and Girls Club for a venue, where we have held our other hamfests. Apparently there has been a change of management at the B & G club, and they are not receptive to our having the hamfest this year. More discussion followed about alternate sites and the real possibility that we might have to cancel. Several members of the club will be working to see if a resolution is possible. Let's all keep our fingers crossed and hope for a good outcome.

Wade WD8MIU mentioned that volunteers are needed for the annual Hall of Fame parade. Wade has had many cancellations this year, and the need is great. Contact Wade and volunteer if you can.

Don W8DEA mentioned that he will be on the USS Cod Saturday June 4th to help with the annual Museum Ships on the Air event and encouraged everyone to try to make contacts with the ships. Details and frequencies are available on the USS New Jersey website.

Mike WA8MKH mentioned that the Schantz Organ Company in Orrville is hosting monthly "Maker's Meetings" where anyone can attend that is interested in technology. They have a wide range of activities involving CNC engraving, 3D printing and a host of others. See the Schantz website at <http://www.orrvillechamber.com/events/schantz-makerspace-organizational-meeting> for more details.

With normal agenda items concluded, discussion about Field day followed. Terry went through the list of things that

will be needed, and who will be involved with each of them. Field Day will be held at Petros Park, pavilion #1 this year. Setup will start at 9:00 AM Saturday, June 25, and tear-down will start at approximately noon on Sunday June 26. We can always use help, so even if you have never participated in Field Day activities, come out and see what goes on, and pitch in with some help if you can.

Reminder: July is the Ice Cream Social meeting. Bring some of your favorite toppings!

With business concluded Terry asked for a motion to adjourn. First Jim WA8GXM, second Ken K8WAY. Motion passed.

50:50 Raffle: The raffle was won by Al Perry KE8EHE, who graciously donated back a share of the proceedings. Thank you Al.

Thank you Steve and Shirley for providing refreshments!

Submitted by Fred KD8SMO

Design Advances Make Portable Operation Easier, More Fun

By Dan Romanchik, KB6NU

I've just returned from the Dayton Hamvention. Dayton was a blast as usual, and if there's one thing I took away from this year's event it's that portable operation is not only becoming more popular, but more sophisticated as well.

In fact, it's a virtuous circle. More sophisticated portable equipment is making portable operation more popular, which is spurring manufacturers to make more sophisticated equipment, which is making portable operation even more popular, and around we go.

This is perhaps most easily seen in the evolution of the Elecraft products. One of their first rigs was the K1, a small rig that was frequently toted out into the field, even though it wasn't really designed for that purpose. It had a small form factor, but had a conventional front panel layout.

The next evolution was the KX1. This CW-only radio was designed specifically for field work. It originally only covered 40m and 80m, and had a very limited front panel, but its built-in battery pack and KXPD1 paddle made it a great choice for portable operators when it was introduced in 2004.

A big leap forward was made when they introduced the KX3 in 2012. This radio combined a bunch of features never before found in a portable rig. The KX3 features an SDR architecture and covers all modes, including (SSB, CW, Data, FM, AM); used the same full-sized LCD display as the K3; has advanced DSP features; and can be connected to a computer via USB for firmware upgrades and for use with other ham radio software. The KX3 is so full-featured that many operators use it as their main rig with a suitable linear amplifier.

At Dayton 2016, Elecraft took this concept even further and introduced the KX2. It's about half the size of the KX3, but yet has almost all of the features of the KX3. There was a tremendous amount of buzz

over this radio at Dayton among portable operation aficionados. The base price of the KX2 is \$750, and with options, will cost you about \$1,000.

Of course, Elecraft isn't the only company competing in this market. LNR Precision sells a radio called the LD-5, and at Dayton, they introduced the LD-11, which like the KX3 and KX2 features an SDR architecture and covers 160m - 6m. This radio goes for about \$800, and has also proven to be popular among portable operators.

Dayton also had a number of exhibitors that supplied products other than radios to aid portable operation. There were several portable antenna manufacturers, including Buddipole (buddipole.com) and PackTenna (packtenna.com), and BiEnno Power (biennopower.com) was also there, showing off their new lithium-iron batteries,

While radios like the KX2 and LD-11, at relatively low prices, allow operators to easily get out into the field, portable operation would not be as popular as it is without organized activities. Programs like the Summits on the Air (SOTA, www.sota.org.uk, na.sota.org) and the National Parks on the Air (NPOTA, npota.arrrl.org) make portable operation even more fun. These programs do this by providing a structure in which operators can find one another and gain awards for operating. SOTA did not have a booth at Dayton, but NPOTA was a big part of the ARRL section there.

If you aren't already a portable operator, you should give it a try! You don't have to invest a bunch of money in a rig to just try it. KX1s have been had for less than \$400, and simpler QRP rigs cost a lot less. Getting outside and operating in the fresh air is a lot of fun and could give you a whole new perspective on amateur radio.

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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. Listen for him operating his KX1 from the park or beach this summer.

... JULY MEETING ...

The July meeting will be held on Friday, July 1st and we will again be meeting at Affinity Medical Center in Conference Room 1. Please park in the main visitors lot off 8th Street. Doors will be open by 7:00 PM. The program for the night will be our famous Ice Cream Social. The club will provide the Ice Cream, bowls and spoons. We are asking members to bring your favorite topping to share with the group. This has proven to be one of our favorite summer-time social events, bring along the family and enjoy a nice evening of fellowship and some great ice cream!

.... HOF UPDATE

July is Hall of Fame Enshrinement Festival month and team leaders are busy looking for volunteers to fill the many open spots for both the Community Parade on Sunday, July 24th followed by The Repository Grand Parade on Saturday, August 6th.

Terry Russ, N8ATZ is communications coordinator for the Community Parade on July 24th. The parade steps off at 2:30 PM. Volunteers should be in place by 2:00 PM.

Wade Huthmacher, WD8MIU is coordinator for the Grand Parade on Saturday, August 6th. Volunteers should be in place by 6:30 AM.

Complete volunteer information will be posted on the Stark County ARES website at www.wd8aye.net as the date gets closer. This has always been the largest volunteer communications event handled by Stark County amateurs. Please consider helping us with either of these events.

The Volunteer Appreciation Party is also in July starting at 5:30 PM. You will need a ticket for entry. Food and beverages will be served. Contact one of the communications coordinators if you plan on attending the party. You must be a minimum 21 years of age to attend the party.

Terry, N8ATZ can be reached at (330) 837-3091 or email to truss@sssnet.com. Wade, WD8MIU phone is (330) 704-2100 and email to wd8miu@gmail.com.

... WEBSITE UPDATE ...

Again this year the club's website has been a popular place with nearly 1,800 visits so far this year. This equals about 40 visits each week to the site which tells us that it continues to be a good source of information to the club and beyond. Maintaining the site continues to be an ongoing challenge with several hours devoted each week adding new material, removing old, archiving material and general maintenance. Our hosting service has continued to perform well with no site downtime reported this year as well as providing us with nearly unlimited storage space and bandwidth. Currently the site is about 1.5 GB in size including the many graphics, pictures and archive of newsletters that stretch back to 2000.

I hope you get a chance to check out the YouTube section of the homepage. Throughout the year we continued to post interesting video's relating to ham radio and other topics. We recently posted video's to celebrate this years Field Day. Let me know if you find something interesting you would like to see posted, after all it is the club's website !

Don't forget the clubs Facebook page is always available where everyone, member or not can post items if interest or comment on club activities. Let us know how well you liked a recent program or event. We are also active on Twitter and there is always something new showing up there. Let us know what you are up to and send us a Tweet !

That's it for this month. See you at the meeting !

Terry, N8ATZ



AMATEUR RADIO EQUIPMENT FOR SALE



- 1 YAESU FTDX3000D Transceiver HF+50 MHz, 100 Watt
- 1 RT Systems ADMS-DX3000 Programming Software
- 1 YAESU DC Cable
- 1 YAESU Voice Memory Unit
- 1 YAESU Desk Microphone With Tone Control
- 1 Rest of 2 year Warranty (original purchase new Feb 2015)
- 1 Manuals
- 1 FTDX3000D has built-in Tuner
Used Approximately 25 hours, Condition: Mint
\$1400, Original Price \$2747.70

- 1 YAESU FT8900
- 1 RT Systems Programming Software
\$290



- 1 LDG 100AT Pro 2 Auto Tuner
\$150



- 1 MFJ 259 B Antenna Analyzer, Catalog listed as most popular model
\$210



- 1 Vibroplex Iambic Key Vibrokeyer-D, Chrome, Deluxe W/cover
\$140



- 1 Bencher Straight Key \$70



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Specifications for the above items can be found by searching the internet

CONTACT:
Jerry Leskovec, KC8BR at:
jleskovec@sbcglobal.net
740-922-8889

Annual Field Day unites ham radio operators around the world



Joanie Cox-Henry jkcox@tribpub.com Joanie Cox-Henry jkcox@tribpub.com Joanie Cox-Henry jkcox@tribpub.com

Ham radio may be a hobby from the Brady Bunch era, but the retro pastime has managed to survive in the age of iPhones and internet radio stations.

For two days -- June 25 and June 26 -- ham radio enthusiasts will gather for Field Day, an annual event designed to test emergency communication skills and promote interaction with the general public. The gathering takes place locally at West Delray Regional Park, 10875 W. Atlantic Ave..

"Field Day is the biggest ham radio event of the year," said Scott Ireland, spokesman for Southern Florida Section ARRL—the National Association for Amateur Radio. "Some people are shocked ham radio still exists.

Field Day is about maintaining equipment to see if communication works properly during emergencies.

Walt Dreyfus, a board member of the Boca Raton Amateur Radio Association, is looking forward to Field Day. His club recently acquired a permanent trailer where ham radio hobbyists meet Wednesdays and Saturdays at the park in Delray Beach.

"We run off emergency power and it's great to be in an air-conditioned trailer now instead of out in the heat," said Dreyfus, who admittedly first became involved in ham radio as a child when his uncle introduced him to it.

"Today, I talked to a guy in the Ukraine and another guy in Tennessee," he said. "That's the cool thing about ham radio...you never know who's going to be on the other end."

Dreyfus and other ham radio personalities are looking forward to acquainting future generations to this unique form of communication during Field Day.

"As of today, we have 109 members in our group," Dreyfus said. "We have one guy who is over 90. Our youngest member is in her 20s. We have a great group of men and women who come out for this. We have doctors, lawyers, welders—all sorts of people. We really welcome everyone to come check us out. "

For more information on the Boca Raton Amateur Radio Association, visit N4brf.org.

(ED Note: it is nice to see how other clubs hold Field Day)

ARRL NEWS

[Confirmed Tornado in Maryland Downs Tower at W3LPL Contest Station](#)

06/22/2016

A confirmed Fujita scale EF-0 tornado touched down for up to 20 minutes in Howard County, Maryland, on the first full day of summer, taking down a tall AB-105 tower at the contest superstation of Frank Donovan, W3LPL. The tornado was just part of a spate of strong storms to hit the region, dumping heavy rain that caused flooding, and high winds that toppled trees and utility poles. Donovan's station is one of the premier



multi-multi contest sites in the US.

"The storm was extreme," Donovan said in a post to the Potomac Valley Radio Club (PVRC) reflector. "I've never experienced anything like it before. Essentially all of the trees in the front of the house and along the driveway are gone. Several power poles on Hobbs Road snapped. The 200 foot tower adjacent to the house collapsed, everything on it was destroyed."

Donovan said he will have to do "a tremendous amount of testing and inspection" to determine what other damage may have occurred. Big Gun contester John Crovelli, W2GD, reported that he had spoken with Donovan, who told him that his other antennas were intact but "beat up."

Crovelli said the huge National Press Radio Club W3AO Field Day operation was still on.

News media accounts said the tornado, which hit at approximately 1:30 PM in western Howard County, had top winds of 80 MPH — at the high end of the EF-0 range. The tornado was some 1500 feet across and traveled nearly 13 miles, according to the National Weather Service. No injuries were reported.

Mike Lonneke, W4AAW, in Middleburg, Virginia, reported "tremendous tree damage" and roofs ripped from barns about a mile from his location. "Two 70 MPH storms in close succession hit Middleburg at 4 PM yesterday," Lonneke said this morning. Thousands were left without power as a result of the tornado, severe storms, and heavy rainfall that hit the region west of Baltimore.

John Pescatore, K3TN, who is some 15 miles south of Donovan's location, reported being "just clipped by the big storm." He said 3 inches of rain fell in a 90-minute period. Some areas received

hail.

QST "How's DX?" Editor Bernie McClenny, W3UR, who lives next door to Donovan, reported that power was out at his location and "it could be several days" before it was restored. McClenny said the downed W3LPL tower collapsed away from Donovan's house, and that a lot of trees and utility poles were down in his area. "Got the generator out and running," he said.

The felled tower at W3LPL supported three stacked 8 element 10 meter K3LR OWA Yagis on 48-foot booms and a 7-element 6 meter Yagi on a 24-foot boom.

FCC Transitioning to New Electronic Comment Filing System (ECFS)

06/17/2016

The FCC will transition to its new Electronic Comment Filing System (ECFS) on Monday, June 20. This will be a "hard launch;" the legacy system will no longer be available after the transition. All documents in the legacy system will be accessible in the new system, and saved links (bookmarks or favorites) to documents and proceedings should not need to be adjusted. This modernization project is expected to significantly improve the resiliency and performance of ECFS. The Commission will continue to take feedback and improve the system leading up to and following this transition.



"To best ensure that this important public engagement system is fully functional during regular business hours, the Commission will take down the legacy ECFS application starting at 11:59 PM ET on Friday, June 17, and the system will be unavailable through the weekend," the FCC said in a *Public Notice*. "The Commission plans for the new system to be available and fully operational by 8 AM ET on Monday, June 20. The old ECFS system will not be available once the new one is operational, but all files will be accessible in the new system."

The FCC said if it runs into any "unforeseen delays," it will issue a *Public Notice* on the front page of its [website](#), to inform users. Since the new ECFS is expected to be fully operational during all FCC business hours, the agency does not plan any changes to any deadlines.

(Thanks to ARRL news 6/20– 22/2016)

**Teen Calls Out Museum for Wrong Radio
in Al Capone's Cell from [http://
www.atlasobscura.com/](http://www.atlasobscura.com/)**



by Eric Grundhauser

June 02, 2016

In a discovery rivaling what Geraldo Rivera found in Al Capone's secret vault, an eagle-eyed teenager recently found that the re-creation of Capone's cell at the Eastern State Penitentiary Museum was decorated with a radio that shouldn't have existed yet.

Philadelphia's ominous Eastern State Penitentiary has been closed since 1971, and now operates as a museum and event space. Among the displays at the museum is a re-creation of the cell that housed Platonic gangster Al Capone. Capone spent hard time in the prison in 1929 and 1930, serving in comparative luxury thanks to his mob connections. His cell was located in a part of the prison jokingly referred to as "Park Avenue," and his room was no different than many of the other vaulted cement chambers in the prison, but Capone's was outfitted with a sumptuous desk, oriental rugs, and even a cabinet radio.

Today, the scene has been remade using period furniture, but as 13-year-old Joey Warchal recently discovered, not all of it was of a kosher vintage. As reported by the Associated Press, during his recent tour of the prison, Warchal, already an antiques aficionado at a young age, noticed that the radio in Capone's cell, a Philco A-361, was not actually released until 1942, more than a decade after Capone would have spent time in the cell. Whoops!

For their part, the Eastern State Penitentiary took the mistake in stride and took up Warchal on his offer to help them locate a period-appropriate radio, which he has already done. The prison museum will receive the new, 1929-era radio in a small ceremony on June 7th. Hopefully now, Capone's cell will be untouchable.

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July 2016

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																		
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					<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <th colspan="7" style="text-align: center;">Jun 2016</th> <th colspan="7" style="text-align: center;">Aug 2016</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> <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>1</td><td>2</td><td>3</td><td>4</td> <td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td> </tr> <tr> <td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td> <td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td> </tr> <tr> <td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td> <td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td> </tr> <tr> <td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td> <td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td> </tr> </table>		Jun 2016							Aug 2016							S	M	T	W	T	F	S	S	M	T	W	T	F	S				1	2	3	4		1	2	3	4	5	6	5	6	7	8	9	10	11	7	8	9	10	11	12	13	12	13	14	15	16	17	18	14	15	16	17	18	19	20	19	20	21	22	23	24	25	21	22	23	24	25	26	27	26	27	28	29	30			28	29	30	31			
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<p style="font-size: 2em; color: #800080;">3</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="font-size: 2em; color: #800080;">4</p> <p style="color: red;">Independence Day</p>	<p style="font-size: 2em; color: #800080;">5</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="font-size: 2em; color: #800080;">6</p>	<p style="font-size: 2em; color: #800080;">7</p> <p>BD KB8AKD</p>	<p style="font-size: 2em; color: #800080;">8</p> <p>Indianapolis Hamfest, indyhamfest.com</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="font-size: 2em; color: #800080;">9</p> <p>Indianapolis Hamfest, indyhamfest.com</p> <p>NW PA Hamfest, Ctc: Neal, 814-882-2739, Erie, PA</p>																																																																																																		
<p style="font-size: 2em; color: #800080;">10</p> <p>20/9 Hamfest / Tailgate, Ctc Dorothy, 330-651-8420, Austintown, OH</p> <p>BD N8TZB</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="font-size: 2em; color: #800080;">11</p>	<p style="font-size: 2em; color: #800080;">12</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="font-size: 2em; color: #800080;">13</p> <p>BD WC8W</p>	<p style="font-size: 2em; color: #800080;">14</p> <p>VE Test, Cuyahoga Falls ARC, 1900, Ctc: Bruce Ferry, 330-929-2766, Stow-Monroe Falls Public Library</p>	<p style="font-size: 2em; color: #800080;">15</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="font-size: 2em; color: #800080;">16</p> <p>NOARSFEST, Lorain Co. Community College, Ctc: Dave 330-770-4090, Elyria, OH</p> <p>North Hills ARC Hamfest, Ctc: Eric, 412-436-9833, Allison Park, PA</p>																																																																																																		
<p style="font-size: 2em; color: #800080;">17</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p> <p>Van Wert ARC Hamfest, Van Wert County Fairgrounds, http://w8fy.org</p>	<p style="font-size: 2em; color: #800080;">18</p>	<p style="font-size: 2em; color: #800080;">19</p> <p>BD KC8VHL</p> <p>BD KD8UEA</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="font-size: 2em; color: #800080;">20</p>	<p style="font-size: 2em; color: #800080;">21</p>	<p style="font-size: 2em; color: #800080;">22</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="font-size: 2em; color: #800080;">23</p> <p>BD K8DON</p>																																																																																																		
<p style="font-size: 2em; color: #800080;">24</p> <p style="color: red;">HOF Community Parade, Market Avenue, 1430</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p> <p>Somerset County ARC Hamfest, Ctc: Stew, 814-444-0637, Somerset, PA</p>	<p style="font-size: 2em; color: #800080;">25</p>	<p style="font-size: 2em; color: #800080;">26</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="font-size: 2em; color: #800080;">27</p>	<p style="font-size: 2em; color: #800080;">28</p> <p>BD K8ARN</p> <p>BD WD8IKC</p>	<p style="font-size: 2em; color: #800080;">29</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="font-size: 2em; color: #800080;">30</p>																																																																																																		
<p style="font-size: 2em; color: #800080;">31</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p>Upcoming Events:</p> <p>Aug 6 - Columbus Hamfest</p> <p>Aug 6 - HOF Grand Parade 0800</p> <p>Aug 13 - Tri-State ARA Hamfest</p> <p>Aug 20 - West Virginia State Conv.</p> <p>Aug 21 - Cuyahoga Falls ARC Tailgate Fest.</p>																																																																																																							

Please contact K8INN for updates, changes, or additions.

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

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