



FEEDBACK

VOLUME 60 ISSUE 1

JANUARY 2015

**MASSILLON AMATEUR
RADIO CLUB OFFICERS**

PRESIDENT

Ralph Bugg
K8HSQ
buggar@sssnet.com

VICE PRESIDENT

Terry Russ
N8ATZ
truss@sssnet.com

SECRETARY

Fred Reed
KD8SMO
reedfl@sssnet.com

TREASURER

Gary Kline
WC8W
w8w@sssnet.com

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

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

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**SPECIAL NOTICE JANUARY
MEETING**

The meeting for the month of January will be held on the second floor of the Senior Center. This is our **ANNUAL AWARDS BANQUET MEETING**. This year it will be held on January 10, 2015. Doors open at 4:30 PM to complete paper work. Dinner will begin at 6 :00 PM . Following the dinner we will have the presentation of the “serious” awards and of course followed by the “not-so-serious “ awards, a favorite of all present! Climaxing by the swearing in of the new Officer’s for the year 2015.

Reservations are required and by the time you receive this newsletter there will not be too many days left to make reservations. You should have received by e-mail a final notification of reservations for the Banquet. Cost for the Banquet will be \$ 15.00 for the entire meal of Roast beef, Sticky Chicken, mashed potatoes/with gravy, vegetables, Sweet & Sour meatballs, noodles, and old fashioned dressing, toss salad with Italian dressing, cranberry relish, water, punch, and of course coffee. Plus dinner roles with butter ! A meal fit for a King —or a ham radio operator !

Members again are asked to bring a dessert of their choice to share with everyone. This has worked out very well in the past and everyone had a wide variety of choice in desserts.

See you at the Banquet !

NEW OFFICER’S FOR 2015

At the December meeting members “elected” the “new” Officers for 2015. Returning for the Office of President will be Ralph Bugg K8HSQ. Returning for the Office of Vice President will be Terry Russ N8ATZ. Newly elected Secretary will be Fred Reed KD8SMO. Returning Treasurer will be Gary Kline WC8W. We will also have one returning Trustee, Jim Farriss WA8GXM.

At this time we would like to Thank outgoing Secretary Robert Keller AC8GE for his years of service to the club and we will all look forward to another great year with the returning Officers and a Big Thanks to them for their Service; Thank You !

**YAESU FT 60 TO BE RAFFLED
OFF AT BANQUET**

A new Yaesu FT –60 R handheld will be one of the “main attractions ” to be raffled off at the Banquet in January . The handheld is a dual band 2 meters and 440 MHz radio; tickets will be sold for \$ 5.00 Each.

This radio was won at the MARC Hamfest a by Dan, N8DZM and donated back to the club for this raffle. Thanks Dan!



MARC MINUTES December 2014

President Ralph K8HSQ called the meeting to order at 8:00 PM, December 5, 2014 with 27 members and guests present, followed by the Pledge of Allegiance and a round of introductions.

There is no program because this was the election meeting.

Motion to suspend reading of last month's minutes

First by Bud WA8KWD,
Second by Tomas KC8ZEH,
Motion Passed

TREASURERS REPORT, ending July 31, 2014, by Gary WC8W.

Motion to accept
First by Tomas KC8ZEH.
Second by Bud WA8KWD,
Motion Passed

VP REPORT, by Terry N8ATZ:

Birthday wishes to members having birthdays this month and listed Periodicals Available. ARRL Centennial stations still on the air. ARRL has several very nice certificates available. VE exams being given at Portage County and Silver Creek. Hamfest at Fulton County. ARRL 10 Meter Contest coming up next weekend. Perry announced 1929 equipment contest.

COMMITTEE REPORTS:

Wade reported on the mentoring program. John, N8CD will be presenting the first program which will be building an adjustable attenuator. Soldering will be required. Dan suggested using the attenuators for a fox hunt program.

Perry; W8AU;, Jim; WA8GXM and Ralph; K8HSQ gave a report on the Affinity 442.85 repeater. Research indicated the coax is defective. When the weather improves, the coax will be replaced. In the meantime we will install a new Yaesu DR-1X repeater either at Jim's location or the Seniors Center. After the coax and antenna have been repaired, the repeater will be moved back to Affinity.

Dan; N8DZM donated the HT he won at the hamfest as a raffle prize at the January banquet.

OLD BUSINESS:

Perry, W8AU gave a report on the parade. It was cold, rainy and slippery. We were short on parade marshals. It went well considering the terrible weather. Perry will be following up with the new parade organizers.

NEW BUSINESS:

Mike, WA8MKH explained the new 2015 budget. The budget was determined by the Officers and Trustees, but Mike created a spreadsheet with the results. He explained last years income and expenses and then went into the 2015 projections. After extensive discussion by the members, it was approved.

MARC MINUTES December 2014

The meeting was opened for additional nominations for President, Vice President, Secretary, Treasurer and Trustee. There were no additional nominations. Being that there was only a single person in each category, a motion was made to accept those people for their nominated position by Robert, AC8GE. Seconded by Gary, N2VDT.

Results:

President – Ralph Bugg K8HSQ

Vice President – Terry Russ N8ATZ

Secretary – Fred Reed KD8SMO

Treasurer – Gary Kline WC8W

Trustee – Jim Farris - WA8GXM

Stevan Hall KC8ACF: Donated the liquid refreshments and several members brought cookies for the meeting break.

Motion to adjourn the meeting by Patty, KD8UXL and seconded by Lee KD8UEA.
Meeting adjourned at 21:10.

50/50: \$20.00 won by James Andrews, KD8VT.

SUBMITTED BY: Ralph, K8HSQ.

... **HAPPY NEW YEAR !** ...

As we begin this new year I took a minute to look back at how far the club progressed during 2014. The club prospered last year and a number of significant projects were completed under the leadership of continuing club President Ralph Bugg, K8HSQ and the many club members who supported our many activities last year.

We also had a nice variety of club programs last year and I hope you enjoyed them. I tried for a variety of topics from fun to technical and everything in between. I'm already hard at work looking for ideas for next year. I think guest speakers are always a nice change and I'm hoping to have a few new for 2015. The ARRL Ohio Section Cabinet is always willing to attend club meetings and I will look to tap that resource as well.

Our "Show & Tell" program generated some interest, perhaps we will have another one this year. These are just a few ideas I have.

We would like to hear from you as well. What type of program would like to see ? It doesn't have to be completely radio related either. Maybe something under the heading of General Interest would be nice. Let me know and I'll try to put it together.

Club meeting attendance held steady and I hope it was due to some of the great programs we had. We will try hard to keep this year just as fun !

... **DX ENGINEERING** ...

This was mentioned in the December newsletter but I hope some of you plan on attending the DX Engineering Open House at their corporate headquarters near Akron. They will welcome MFJ Founder Martin F. Jue, K5FLU to the event. It is on Saturday, January 10th from 9:00 am till 2:00 pm. The open house will also include some great deals on all sorts of equipment including most MFJ Products.

This will still allow plenty of time to join us for our annual Awards Banquet which kicks off at 6:00 PM at the Senior Center.

I look forward to seeing you at both events !

... **OTHER STUFF** ...

Did you enjoy looking at reprints of old newsletters that I included last year ? I heard back from a few of you who found them interesting. Look for them to be included again this year every so often beginning this month.

... **RADIO TIMELINE** ...

1936 - There are about 42,000 hams in the US.

1938 - ARRL station W1AW is built.

1939 - World War II restrictions begin for amateurs in other countries.

1940 - US Amateurs are prohibited from talking to other countries due to war.

1945 - Limited use of Amateur Radio is permitted again.

1946 - Large supplies of war surplus equipment fuel Amateur Radio improvisation and VHF/UHF exploration.

1946 - Hams get most of their privileges back, and 5 and 2.5 meters are swapped for the 2 and 6 meter band.

1947 - The Atlantic City Conference results in the addition of the 15 meter band.

1950 - There are now about 90,000 hams in the US.

That's it for now, catch you later...

See you at the next club meeting

73's
Terry - N8ATZ

Preparations Under Way for January DXpedition to Iran

TAGS: [160 meters](#), [30 meters](#), [DXCC Most Wanted](#), [Iran](#), [long path](#), [meter station](#), [north america](#), [North American stations](#), [Northern California](#), [qsl manager](#), [radio amateurs](#)



12/17/2014

Preparations continue on the part of the Rockall DX Group to make Iran — #33 on ClubLog's [DXCC Most Wanted List](#) — available through a DXpedition to Kish Island (IOTA AS-166). Look for [EP6T](#) starting on January 16. While the emphasis will be on 160 meters, the DXpedition will operate on all bands, 160 through 10 meters. EP6T plans to remain active until January 26. Organizers say the theme of the expedition will be “friendship and cultural tolerance.”

“We hope to make a lot of people happy,” team member Luc Kerkhofs, ON4IA said. “The setup will be about the same as [previous operations] [9U4U](#) and [TN2T](#), but we realize that it will be a much more difficult path.” Kerkhofs, who has installed some impressive low-band receiving antennas at his Meeuwen, Belgium, location, said that if space is available, the team will erect some Beverages for short and long path to North America, with a pair of end-fire phased delta loop receiving antennas as backup.

A dedicated 160 meter station will be on the air starting at local sunrise and sunset for the first two nights, in order to work as many Europeans as possible and to check when signals peak to North America. The planned transmitting antenna is a 26-meter (85.3 feet) vertical with 50 quarter-wave radials. Kerkhofs said the operators will attempt to be fair in giving all continents a crack at working Iran on 160. After the first two nights, operators will start concentrating on North American stations, although they concede that paths to North America on Top Band will be dicey and of short duration.

Since word first spread of the planned DXpedition, many groups and individuals have offered support, including the Northern California DX Foundation. The organizers say that preparations are “progressing smoothly and according to plan.” M0URX will be the QSL manager. The EP6T log will be uploaded to Logbook of The World ([LoTW](#)), once the

DXpedition has concluded.

The group will use Elecraft K3 transceivers plus amplifiers. Although 160 and 30 meters are not allocated to Amateur Radio in Iran, the group has obtained permission to use them for the EP6T DXpedition. There will be no 6 meter operation, however, since that band is allocated to fixed, mobile and broadcasting services in Iran.

Iran has 80 million citizens and only 13 radio amateurs. As a result of the group's more than 3-year effort to obtain permission to operate in Iran, 60 students have already passed their licensing exams and should be able to receive an EP call in the near future.

New Element 3 (General Class) Question Pool Released

TAGS: [committee chairman](#), [element](#), [General class](#), [National Conference of Volunteer Examiner Coordinators](#), [Anders](#), [volunteer examiner coordinators](#)

12/17/2014

The Question Pool Committee of the National Conference of Volunteer Examiner Coordinators ([NCVEC](#)) has released the 2015-2019 Element 3 (General Class) question pool. The new question pool becomes effective for all Element 3 examinations administered on or after July 1, 2015, and it remains valid until June 30, 2019.

The question pool files are available in [PDF](#), Microsoft [Word](#) (.doc), and ASCII [text](#) formats. Section G7A requires the use of one illustration, a schematic identified as G7-1. This drawing file is [published](#) separately. — *Thanks to Roland Anders, K3RA, NCVEC Question Pool Committee Chairman*



Celebrate Ham Radio — WARD 2014

Ángel Santana, WP3GW

Join in for World Amateur Radio Day, the IARU worldwide operating event that celebrates ham radio's global community.

As is well known to all, [World Amateur Radio Day](#) (WARD) is celebrated every April 18 to commemorate the 1925 creation of the International Amateur Radio Union (IARU) in Paris, France. The IARU's job is to watch over the interests of the Amateur Radio community around the world. Each year WARD has a different theme and in 2014 the theme is "Amateur Radio: Your Gateway to Wireless Communication."



Each of the 150 countries in the IARU has a Member Society — in the US it's the ARRL® — and many clubs associated with the various Member Societies get on the air with special event stations to celebrate this day.

When I participated in WARD 2007 I wondered why there was so little WARD activity in the United States. Most of the stations on the air that day came from Europe and Central America.

A few months later, the [US Islands Awards Program](#) was extended to include US territorial islands. At that time only seven islands (Puerto Rico and six other offshore islands) were listed. Puerto Rico, being a US territory, is represented by the ARRL and is a Section belonging to the Southeastern Division.

I realized there were more and submitted a few candidates, of which six were added to the list. When my second group of islands was accepted, I had a thought; why not do a two-for-one event? My idea was to activate one of Puerto Rico's offshore islands for WARD 2008. In this way we would not only bring WARD activity to the US but also qualify the island for the US Islands Award program.

Quick Pick

As March 2008 was rapidly approaching, we had to choose an island to activate. Our first choice was Old San Juan, which is an islet with easy access from San Juan proper. However, a few friends were interested in activating Isla de Cabras, which is a few miles west of San Juan and is easily accessible via a causeway.

My friend Edgar, NP4EG, contacted the Compañía de Parques Nacionales de Puerto Rico (the branch of the Puerto Rican government that manages Puerto Rico's parks and recreational areas) to see if it was possible. Edgar spoke with Amaris Sánchez, who

was the park service's marketing officer at the time. Her main concern was for the antennas.

I decided to go to the office in person to speak to Ms Sánchez, who asked if the operation would require that the antennas be installed the day before. I assured her that all the antennas would be installed and removed the same day. With that clarified, she directed us to the Isla de Cabras Park Director Eric Calcaño. He offered us a wooden observation walkway where we could mount equipment and antennas.

The Real Work Begins

With our operating location secured, we had a meeting on April 12 in a restaurant in Bayamón, with friends Danny, WP4F; José, NP3FM; Alexis, WP3ZN; Uris, WP4NSF; Héctor, WP3ZZ; Aris, WP4DX, and Roberto Jimenez, KP4AC, who was our section manager at that time, to outline the special event. We also began our public relations activities disseminating information on the special event operation to different Internet outlets and local reflectors. We even had a TV spot in a midday newscast on local Channel 11.

Then came April 18, 2008, a Friday. We got to Isla de Cabras at about 1300Z and began to set up tables and erect antennas. We had a Hy-Gain vertical for 10 – 80 meters, a Buddipole, Kenwood TS-2000 and Icom IC-706MKII transceivers for HF, and a Kenwood TH-D7 for 2 meters.

The operation began at 1420Z using the call KP4DJ. We started operating using CW. Later we added SSB and during the afternoon I activated several 2 meter repeaters for those local KP4s who wanted to participate. We were even able to contact W1AW thanks to Otis, NP4G, who was at HQ on operation day. Also operating the special event were Héctor, NP4FW; Ruben, WP4NEG; Tony, KP4IA, and Jimmy, KP3BR, as well as other Puerto Rican hams who dropped by, and a few non-hams who saw the news report and wanted to learn more about Amateur Radio.

A Full Log

When we went off the air, we had more than 500 contacts, which meant that we accomplished our two goals, that is, to qualify Isla de Cabras, PR012S, for the US Islands Award program, and most important of all, to be part of the worldwide celebration of World Amateur Radio Day. All of our contacts received a special QSL card that was created to confirm the event.

The event was talked about for a while, demonstrating also that a special event can be done on weekdays. Since our activation, other local clubs have activated for WARD and we did another WARD activation using the call KP4FD. We liked that second site so much that we went back in June for Field Day. Through these efforts we hope to make World Amateur Radio Day a popular on-air event here in Puerto Rico. There is also a feeling of pride to be, up to now, the only place in the US representing the nation and the ARRL on this special day.

I'm hoping that this story will make others aware of the special

significance to Amateur Radio this day has. That it will motivate more American hams to get on the air, check out the cluster, and try to work those special event stations that come on the air on April 18 each year. Talk to your club and operate your own special event station and with each contact remind our other fellow hams about World Amateur Radio Day! We have to recognize the ARRL for its efforts to promote World Amateur Radio Day. So consider joining in this year in honor of the ARRL Centennial. KP4FD will be on the air on Friday April 18, 2014 and we hope to get you in our log.

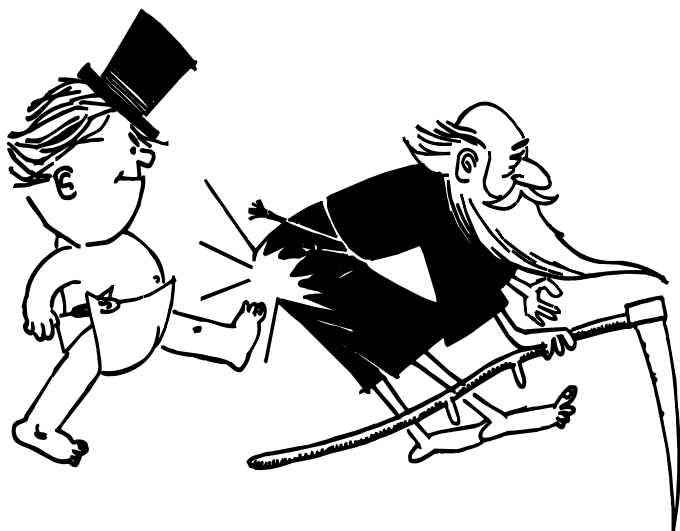
Ángel Santana, WP3GW

All photos courtesy of the author.

Ángel Santana, WP3GW, is currently the public information coordinator for the ARRL Puerto Rico Section and winner of the 2011 Philip J. McGan Memorial Silver Antenna Award, which is given to the ham who does an exceptional job bringing Amateur Radio into the public eye. Ángel can be reached at 221C Calle 6 Parc Saint Just, Trujillo Alto, PR 00976-2915, wp3gw@arrrl.net.

(Thanks to the ARRL Web site for this article)

HAVE A HAPPY NEW YEAR !!



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CLUB MENTORING PROGRAM



This is an update to the February 7th Mentoring program that will be presented by John N8CD.

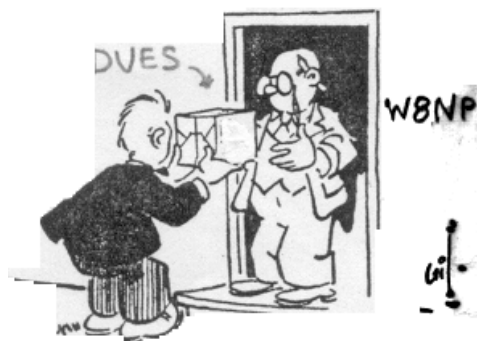
The program for the February 7th Mentoring Program will be the construction of a Variable Offset Attenuator, very useful for close work during Fox Hunts. The session will run from (:00 AM till 11:00 AM and will be held at the Massillon Senior Center.

It will be built from a small kit available from Marvin, KE6HTS. In the process you will learn a little about soldering, get some practice with it, learn the theory on how the kit works and hopefully have a generally good time.

In order to have enough kits on hand, we need to know how many folks will be attending. You don't have to pre-register before the December 19th deadline, but we don't guarantee there will be enough kits available for everyone. The cost for the kit should be around \$ 26.00. Payment will be due at the February session. If you would like to participate in the mentoring program, please contact either John at john@n8cd.com or Wade at wd8miu@gmail.com.

This is a great way to spend some time learning about kit building and enjoy time with your fellow club members. Thanks and we look forward to seeing you at the Mentoring Program !

Coffee and donuts will be available .



DUES ARE NOW DUE

With the new year beginning in January this means our fiscal year begins. That means dues for the club are now due. Cost for each member is \$ 15.00. Cost for the XYL is just \$ 7.50 and each licensed child who wishes to be a member of the club. We will begin collecting them at the December meeting, but don't worry , you will have until the March meeting to pay. So be sure to see the Treasurer at the meeting to renew year membership ! Remember " we don't want to loose a single member "!

ZCZC AG22
QST de W1AW
ARRL Bulletin 22 ARLB 022
From ARRL Headquarters
Newington, CT, December 18, 2014
To All Radio Amateurs

The Question Pool Committee of the National Conference of Volunteer Examiner Coordinators (NCVEC) has released the 2015-2019 Element 3 (General Class) question pool. The new question pool becomes effective for all Element 3 examinations administered on or after July 1, 2015, and it remains valid until June 30, 2019.

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NNN /EX

KB6NU COLUMN

How do we promote better operating practices?

A lament that I often hear is that many amateur radio operators either don't seem to understand the importance of good operating practices or just don't care about them. Just this morning, a reader sent me an e-mail saying, "I think there are too many hams out there that don't know how to call a station on split frequency. It's amazing that we have so many dummies out there."

I wrote back, saying, "Maybe we need another type of Official Observer, called the Operating Observer. This group would note when operators aren't following good operating procedures and send people gentle reminders." Of course, as soon as I hit Send, I knew this wasn't a very good idea. As my reader noted, this would be a thankless job, and chances are the poor operators would simply ignore the notices, anyway.

Even so, there must be some way to encourage good operating procedures. One effort to promote better operating procedures is the DX Code of Conduct (<http://www.dx-code.org/>). This is a list of 13 suggestions to make DX operation, particularly pileups, less chaotic. The website includes a small image that you're supposed to post to your website to show that you support the Code. While this is certainly a step in the right direction, I wish there was something that we could do to be more proactive in improving operating practices.

There is, of course, the ARRL Operating Manual. This publication is now in its tenth edition and is a valuable source of information about how to operate properly. The problem is only a fraction of the amateur radio operators on the air have a copy, much less read it.

Another attempt at promoting good operating practice is the ARRL's A-1 Operator's Club (<http://www.arrl.org/a-1-op>). While a noble

effort, I think that this program really requires more promotion. In addition to being more aggressive about finding A-1 operators and bringing them into this "club," the ARRL should use it to promote better operation. Perhaps a series of videos with the A-1 Ops logo showing how to operate split or how to properly call CQ would help improve operating practices overall.

Talking about videos, I'd be surprised if there weren't already some YouTube videos that illustrate good operating practices. If you know of any, please e-mail me. It would be great to have a list of really good ones that I can send to people who want information on how to operate better.

What do you think? Do we need to be more proactive about encouraging hams to use good operating practices? If so, how do we go about it? What do you do to encourage better operating practices?

=====
=====

When not worrying about the state of amateur radio operating practices, you'll find KB6NU working on updates to his "No Nonsense" study guides, teaching one-day Tech classes, or blogging about amateur radio at www.kb6nu.com.



January 2015

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																										
<p>Upcoming Events:</p> <p>2/1 - Winter HamFest, NOARS, Elyria</p> <p>2/15 - Mid-Winter Hamfest, Mansfield</p> <p>2/15 - Livonia ARC Swap-N-Shop, MI</p> <p>2/22 - WashFest 2015, Castle Shannon, PA</p>				<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="7">Feb 2015</th> </tr> <tr> <th>S</th> <th>M</th> <th>T</th> <th>W</th> <th>T</th> <th>F</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> </tr> <tr> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> </tr> <tr> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> </tr> </tbody> </table>			Feb 2015							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
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<p style="color: #800080; font-size: 1.5em;">4</p> <p>Massillon Radio Net - 3599.5 kHz, 1930</p>	<p style="color: #800080; font-size: 1.5em;">5</p> <p>BD KD8UXL BD Patty Fisher</p>	<p style="color: #800080; font-size: 1.5em;">6</p> <p>BD N8ZQF Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">7</p>	<p style="color: #800080; font-size: 1.5em;">8</p> <p>BD KB8SBZ</p>	<p style="color: #800080; font-size: 1.5em;">9</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">10</p> <p>MARC Awards Banquet, Massillon Senior Center, Doors Open at 1630!</p>																																										
<p style="color: #800080; font-size: 1.5em;">11</p> <p>Hazel Park ARC Hamfest, Hazel Park, MI , CTC: Bernie - 248-499-2075 Massillon Radio Net - 3599.5 kHz, 1930</p>	<p style="color: #800080; font-size: 1.5em;">12</p>	<p style="color: #800080; font-size: 1.5em;">13</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">14</p> <p>BD KB8YKE</p>	<p style="color: #800080; font-size: 1.5em;">15</p>	<p style="color: #800080; font-size: 1.5em;">16</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">17</p>																																										
<p style="color: #800080; font-size: 1.5em;">18</p> <p>Massillon Radio Net - 3599.5 kHz, 1930 SCARF Hamfest, Nelsonville , OH, CTC: Jeremy - 740-767-2554</p>	<p style="color: #800080; font-size: 1.5em;">19</p> <p style="color: #800080;">Martin Luther King, Jr.</p>	<p style="color: #800080; font-size: 1.5em;">20</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">21</p>	<p style="color: #800080; font-size: 1.5em;">22</p>	<p style="color: #800080; font-size: 1.5em;">23</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">24</p>																																										
<p style="color: #800080; font-size: 1.5em;">25</p> <p>BD KC8ZCS Massillon Radio Net - 3599.5 kHz, 1930 Tusco ARC Hamfest, 965 North Wooster Ave, Strasburg, OH,, Ctc: Janice Green, KB8YDK 740-922-4454</p>	<p style="color: #800080; font-size: 1.5em;">26</p>	<p style="color: #800080; font-size: 1.5em;">27</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">28</p>	<p style="color: #800080; font-size: 1.5em;">29</p>	<p style="color: #800080; font-size: 1.5em;">30</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">31</p> <p>Lockport ARA's Hamfest, Lockport , NY, CTC: Dan 716-491-3158</p>																																										

Please contact K8INN for updates, changes, or additions.

**MASSILLON AMATEUR RADIO CLUB
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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