



FEEDBACK

VOLUME 60 ISSUE 9

SEPTEMBER 2015

MASSILLON AMATEUR RADIO CLUB OFFICERS

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Gary Kline
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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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SEPTEMBER MEETING

The meeting for the month of September will be held on September 4, 2015 at 8:00 PM at the Massillon Senior Center. Doors will open at 7:00 PM.

This meeting will consist of final preparations for our last events of the year coming up which include The Swiss Festival on October 2nd and 3rd. Our MARC Meeting will be re-scheduled for October 9th instead of October 2nd. We will need volunteers to man the parking lots. This has become our main fund raiser for the club. Our annual Hamfest coming up on October 25th. We will also need volunteers to help with the 'fest ! Most positions for either event, only require a few hours of participation.

The third and final event of the year is the Massillon Christmas Parade in downtown Massillon. I like to call this the "fun event", unless of course it rains, like last year. So keep 'yer fingers crossed and hope for good weather! All events are important to the club both for our financial reasons and for our standings in the radio community and the local community!. So PLEASE volunteer and do your part to help MARC succeed ! See you at the meeting !

SEPTEMBER PROGRAM

The program for the month of September will be a "show and tell" type of program. If you have a summer project you would like to show off or perhaps a new piece of equipment you just obtained then by all means please bring it and show it off ! We are always interested in seeing new things! How about a new antenna installation? Take some pictures of it and bring them in for show and tell. They say a picture is worth a thousand words! I've been seeing a number of new "Wouxun" and other hand held radios, tell us you're likes and dislikes about them I have been hearing they can be a real hassle to program. Let us know ! I have planned to get one in the near future and am stuck on which one will serve the best. Perhaps you bought a new digital rig, any advice? Looks like it will be an interesting evening. So plan on coming and be ready to answer many questions !

HAPPY LABOR DAY SEPTEMBER 7 TH!



MARC Minutes August 7, 2015

President Ralph K8HSQ opened the meeting at 8:10 PM and after the Pledge of Allegiance, there was a role call, with 28 persons present. Ralph announced that we have two visitors present this evening...Vern Sproat and Michael Wingar, who are both interested in getting their licenses and becoming a part of the ham community. Welcome to both of you, and hope to see you again.

Motion to accept last month's minutes:

Ralph asked if there were any corrections or additions to the July Secretary's report that was sent to all members via e-mail. No corrections being needed, Ralph then asked for a motion to accept the report.

Motion by Perry W8AU, second by Don, W8DEA. Motion passed.

Treasurers Report:

Gary WC8W then gave a detailed financial report for the club. Gary mentioned that he made a payment to reserve Petros Park for next year's field day in case we haven't settled on an alternate location by that time. Motion to accept by Mike WA8MKH, second by Steve KD8ACF. Motion passed.

VP Report by Terry, N8ATZ

Terry mentioned that we only received one newsletter this month, from the Lake Erie ARA, and it is on the table for people to read. Hamfest for this month are Warren ARA Tailgate Swap Meet, Sunday August 16 at Mosquito Lake S.P. in Cortland, Ohio, and Cuyahoga Falls annual Tailgate Hamfest on Sunday, August 23 at the Robert Pinn Armory. Birthdays this month were Jason KC8LIN, Jeff K8JAG, Tomas KC8ZEH, Steve KD8ACF, Doug KD8RDY, Gary KF8ADB, Paul N8DJD and Gary WD8ICX.

Committee Reports:

Jim WA8GXM reported that there is still occasional noise on the 147.18 repeater, but it is thought to be local interference. The 443.675 repeater will remain on DCS (Digital Code Squelch) code is 023. Some discussion followed about the advantages of DCS, notably the absence of squelch tails.

It was also announced that the regular October meeting, which was originally scheduled for October 2 will be re-scheduled to October 9th due to several schedule conflicts. An e-mail announcement will be sent out before the meeting to remind everyone.

Chris KD8TNF has added some pictures to the QRZ.COM website, added links to our club website and links to our broadcastify internet feed. Thanks Chris!

Perry W8AU as well as others are continuing to investigate possible new sites for Field Day. So far, nothing has floated to the top of the list, but he and others are still looking.

Old Business:

Gary WC8W gave a final report on Field Day. We had 339 CW contacts, and 526 phone contacts. With 2X multiplier for < 150 watts, the subtotal is 2408 points. We then gained a total of 500 more points for generator power, public location, official visit, and educational event for a total of 2908 points. This must be validated by the ARRL before it is official. Gary then went on to mention that we need more depth in our CW area. For the past several years, Perry W8AU and Igor K8INN have been the backbone of field day CW activity. As a club, we need to develop a wider base of CW operators to man this part of field day. A lot of discussion followed about how to do this. There are other people who have some CW ability, but in a contest situation like field day, a lot of operators won't slow down. The idea of a CW decoder was brought up, but most of those need a very clean, strong signal to work correctly. So, all you CW wannabe operators, polish up your speed before next year!

New Business:

No new business was introduced.

50:50 Raffle: The 50-50 was won by Jim WA8GXM, who donated the proceeds back to the club. Thank you Jim. A second drawing was held for a tape measure. Fred KD8SMO also donated a Hewlett-Packard oscilloscope to a club member.

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

After the meeting, it was time for fellowship, coffee and goodies. Shirley provided two huge pans of delicious brownies, which disappeared quickly. **Thanks to all who provided or helped with the refreshments.**

Submitted by Fred KD8SMO

... HOF PARADE ...

My heartfelt thanks to those members of the MARC for giving up personal time away from family to assist with both the HOF Community Parade and the Timken Grand Parade. A special kudo's to Wade, WD8MIU who nearly single handedly recruited the over thirty-six volunteers who made the Grand Parade another communications success. Parade organizers have come to rely heavily on our support communications and I shutter to think how it would go if we were not on the job come parade day.

Nearly half of our volunteers were MARC members, with additional help from the Alliance ARC, the Summit Co ARES and the Portage radio club. I thank you for dedication to public service and supporting this important community event !

.... TIME TO STEP-UP ! ...

As many of you know both Ralph, K8HSQ and myself have served as your President and Vice-President for at least the last three years.

We were fortunate to have Fred, KD8SMO accept the position of Secretary after Robert asked to step down for work and family reason's.

We will also be looking for new members to fill the position as President and Vice-President for next year. Both Ralph and I accepted these roles when no one else would volunteer. This should not happen to a club with nearly 100 active members. It is time to step up to lead the club into 2016. As the old saying goes, if Ralph and I can do it, I know many of you can also.

.... SEPTEMBER PROGRAM ...

We were unable to secure a technical program for our September meeting due to multiple scheduling difficulties. The plan for this month will be our an-

nual Show & Tell night. Last years was very popular as we had a nice display of equipment and some home made antenna's. This month it will be wide open, you are welcome to bring in anything you would like to display - equipment, radios, projects, anything you like. Let's see some good stuff! You will be given the opportunity to tell us a little about your project if you like.

.... ANNUAL QST EMCOMM ISSUE

The September issue of QST is out and again this year it is their special Public Service / Emergency Preparedness issue. Those of us involved in ARES operations will find it another must read.



This years issue covers various topics, antennas for use in public service, the importance of providing public service communications, along with a few accessories and product reviews round out this months issue. Make sure you have a look !

Also... The Summit County ARES is also looking for some communications volunteers to assist with the annual Akron Marathon to be held on Saturday, September 26th. Sign-up information is available on their website at www.summitares.org or by contacting county EC Ken Dorsey, KA8OAD at (330) 329 - 4214 or email to summitares@neo.rr.com.

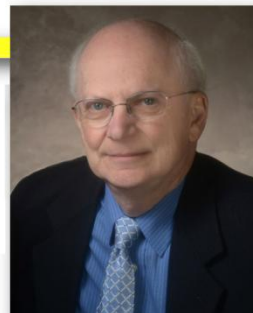
That's it for this issue, see you at the meeting !

De Terry, N8ATZ

The Portage County Amateur Radio Service (PCARS)
extends you an invitation to attend our September meeting.



David Sumner, K1ZZ
ARRL Chief Executive Officer



Our special guest speaker will be

David Sumner, K1ZZ, the Chief Executive Officer of the ARRL

The PCARS meeting will be on Monday, September 14th at the Underwood Hall
located in The American Legion - Post 496 in Kent, Ohio.

The meeting will start at 7:00 pm.

The Kent American Legion is located at 1945 Mogadore Rd., Kent OH 44240

For additional information, please contact:

Tom Sly, WB8LCD

E-Mail: WB8LCD@portcars.org



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AMATEUR RADIO

ARRL NEWS

FCC Proposes to Fine Ohio Radio Amateur for Malicious Interference, Failure to Identify FCC Proposes to Fine Ohio Radio Amateur for Malicious Interference, Failure to Identify

TAGS: [amateur licensees](#), [amateur radio group](#), [amateur radio operators](#), [amateur station](#), [Apparent Liability](#), [ARRL Great Lakes](#), [base forfeiture](#), [cincinnati area](#), [FCC Enforcement Bureau](#), [malicious interference](#), [NAL](#), [radio amateur](#), [transmissions](#)

08/20/2015

The FCC has proposed levying an \$8000 fine on a Cincinnati, Ohio, radio amateur, Daniel R. Hicks, KB8UYZ, who, at one point, had volunteered to track down the interference he was causing on a number of primarily VHF repeaters. In a *Notice of Apparent Liability for Forfeiture (NAL)* released August 20, the FCC Enforcement Bureau asserted that Hicks intentionally interfered with other Amateur Radio operators' communications and failed to identify properly. According to the *NAL*, an agent from the Bureau's Detroit office first responded to multiple complaints of interference on VHF repeaters in April 2014.

"The agent, working with a local amateur group which included Mr Hicks, was unable to locate the source of the transmission," recounted the *NAL*, signed by FCC District Director James Bridgewater. Nearly a year later, in response to continued interference complaints, an agent from the Bureau's Detroit office returned to the Cincinnati area to take another crack at finding the source of the transmissions.

"This time, the agent did not advise the local Amateur Radio group that he was in the area," the *NAL* stated. "The agent used mobile direction finding techniques to locate the source of the transmissions to...the address of record for Mr Hicks' amateur station, KB8UYZ."

ARRL Great Lakes Division Vice Director Tom Delaney, W8WTD, in his role as a spokesperson for the Greater Cincinnati Local Interference Committee, said at first the interference, which began in early 2014, was a nuisance, but later turned obscene and racist. He said his group was able to narrow the signals to a particular neighborhood, but group members were surprised to learn who was behind the interference.

"We did not know, until the FCC actually caught him, who it was," Delaney told ARRL. "We had our suspicions. We were very close to finding the source but were not quite there, but that helped the FCC." He said Hicks employed a "sophisticated" synthesized voice and very short transmissions across several repeaters to make him difficult to pin down.

According to the *NAL*, the agent monitored transmissions emanating from Hicks' station for about an hour and heard the station transmit several recorded messages. "These transmissions prevented other amateur licensees from communicating over the frequency," the *NAL* said. "During the monitoring period, the agent did not hear Mr Hicks transmit his assigned call sign. The transmissions used the call sign of another licensee." Delaney said the holder of that call sign had no idea why Hicks used it.

The FCC said it has determined that the evidence in the case was sufficient to establish that Hicks caused willful and malicious interference and failed to identify using his assigned call sign.

The Commission proposed a base forfeiture of \$7000 for causing malicious interference and \$1000 for failing to identify properly. Hicks has 30 days to pay the fine or to seek a reduction or cancellation of the proposed fine.

Home of Well-Known Contester K0RF Badly Damaged by Fire

08/19/2015

A fire late in the afternoon of August 18 has badly damaged the Boulder County, Colorado, home of well-known contester Chuck Cullian, K0RF. George Schultz, W0UA, who has operated from K0RF on many occasions, explained that the building is roughly divided into a residential side and a garage/ham radio shack side. He said Cullian told him that the fire pretty thoroughly gutted the residence, leaving Cullian and his family temporarily homeless.



"I'm still kind of in shock over it myself," Schultz told ARRL. "I've spent more time up there over the past 30 years than anyone, I think, besides his immediate family."

Schultz said on August 19 that he had not yet been to the house and could not speak directly as to the extent of the damage, although according to media accounts, the Boulder County Sheriff's Office deemed the house a total loss. There were no injuries. Schultz said those in the house at the time — Cullian's wife, his daughter, and her boyfriend — tried in vain to put out the fire as soon as they realized what was happening.

Schultz said the fire, which appears to have started in a laundry room, then moved into the residential wing — away from the end of the long, angular ranch-style home where a finished radio room occupies two bays of a six-bay garage.

"Apparently, the fire smoldered for some time," Schultz told ARRL. "They were in the living room, quite a ways away, and blocked from the laundry room by the kitchen. Suddenly, it just exploded. I'm just thankful they got out of there."

"As of now, we think there was no direct effect from the fire on the 'radio-wing,'" Schultz said. "Under the circumstances, this is of small consolation, of course." He also did not discount the possibility of water or smoke damage to those parts of the structure not directly affected by the flames.

Schultz said the theory at this point is that the fire began in a clothes dryer or in related venting. He pointed out that the dryer was not "external to the house," as some media accounts have reported.

Firefighters from Hygiene and Longmont responded to the fire and spent several hours at the site quelling the flames and residual "hot spots."

Further details are not available, but Schultz told ARRL, "Yes, we will be back."

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Antenna Analyzers You Can Hack

By Dan Romanchik, KB6NU

I'm a nut for antenna analyzers. I think that they are one of the most useful things a ham can own.

I've often wondered why there aren't more DIY antenna analyzer projects, though. Perhaps it's because designing measurement circuits isn't easy. An antenna analyzer has to have a signal source as well. Even so, an antenna analyzer doesn't need a whole lot of accuracy to be useful, so you would think that more builders/hackers would tackle a project like this.

I do know of one antenna analyzer kit on the market. The VK5JST Antenna Analyser Kit (<http://www.ahars.com.au/about/kits/>) costs about \$110 USD. I actually purchased this kit a year or so ago, and it looks like a great unit. The unit seems well-designed, and it comes with a plastic case, unlike many projects these days, but I haven't yet gotten around to building it.

I've also recently found out about an Arduino-based antenna analyzer project (<http://hackaday.com/2015/08/06/40-antenna-analyzer-with-arduino-and-ad9850/>). It uses an AD9850 module as the signal source. The approximate cost for all the parts is about \$40, and you can experiment with the code, if you like. If you have the time and inclination, this project might be worth taking a hack at.

Another antenna analyzer project from Australia is the VK3YY antenna analyzer (or "analyser" as they spell it there). It uses an Arduino Nano. The interesting thing about the blog post in which VK3YY describes the project (<https://vk3yy.wordpress.com/2014/09/29/antenna-analyser-project/>) is that you can follow his design and experimentation process.

Yet another analyzer

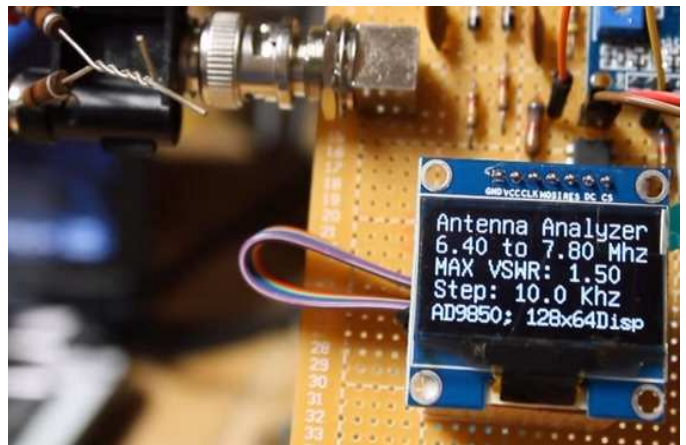
While I'm talking about antenna analyzers, let me mention another one that I've just found out about: the IW2NDH Antenna Analyzer (<http://www.iw2ndh.com/>). This antenna analyzer isn't a kit, but at \$175 seems to be a good deal. This unit has a frequency coverage of 2 160 MHz, and can be used as an antenna analyzer, signal generator, and a scalar net-

work analyzer.

Apparently, this started out as an Arduino project. As Maximo, EA1DDO, pointed out on the radioartisan Yahoo Group, there is source code for this project on GitHub (<https://gist.github.com/jackdev23/7876502>), and a schematic is available on the Union de Radioaficionados Espanoles (URE) website (<http://www.ure.es/media/kunena/attachments/2420/Schematic.jpg>).

=====

When not writing about antenna analyzers, Dan, KB6NU, actually builds an antenna now and then. You can often find him on the HF bands (mostly 40m and 30m), working CW. His #1-rated amateur radio blog can be found at KB6NU.Com, and you can e-mail questions, comments, or complaints to cwgeek@kb6nu.com.



ED Note: This picture was placed here for clarity. It normally is located in the text, but I placed it here & "stretched" it so you can see it better!

MORE ARRL NEWS—THIS JUST IN!

FCC Universal Licensing System, Other Applications to be Down for Maintenance ARRL Bulletin 25 From ARRL Headquarters

FCC website maintenance in early September will make the Universal Licensing System (ULS), the Electronic Comment Filing System (ECFS), the Electronic Document Management System (EDOCS) and other public applications unavailable for more than 5 days. The Commission said the outage will begin at 2200 UTC on Wednesday, September 2, and continue through the Labor Day weekend. The maintenance work should be completed by 1200 UTC on Tuesday, September 8. During the ULS outage, it will not be possible to file any Amateur Radio applications.

"[M]ost Commission resources normally accessible through the Commission's website, including access to all electronic filing systems and electronic dockets, will be inaccessible for the same period, with the exception of the Network Outage Reporting System (NORS), the Consumer Help Center (CHC), and the Disaster Information Reporting System (DIRS), which will remain available," an FCC Public Notice said on August 20. "The Commission's website will remain available, but with reduced content and limited search capabilities." According to the Public Notice, the FCC will follow its normal schedule of operation during the maintenance period, but voicemail will be offline, and most Commission staffers will not have access to e-mail. Static content webpages on the fcc.gov domain, such as the FCC consumer guides, should remain available during the outage.

The FCC will extend filing deadlines for all regulatory and enforcement filings that fall during the maintenance period. Filings due on September 2, 3, 4, or 8 now will be due on Wednesday, September 9.

"Except for the due dates specified herein, we are not automatically extending the deadlines for any other comment or filing periods that will be running during this time period, but requests for extension of time will be considered consistent with the Commission's normal practice," the FCC Public Notice said. "To the extent the due dates for filings to which reply or responsive pleadings are allowed are affected by this Public Notice, the

due dates for reply or responsive pleadings shall be extended by the same number of days."

In a blog, "Modernizing the FCC's IT," FCC CIO David Bray said that with the world and the technology we use are changing rapidly, "the information technology used by the Federal Communications Commission must change as well." Bray said the FCC has "made significant progress to upgrade and modernize our infrastructure, and we continue to work on modernizing the FCC's legacy IT systems with the resources we have available."

"We understand that this temporary downtime before and during the Labor Day Weekend may be inconvenient for some FCC stakeholders," Bray added.

From Kay, N3KN..
Facebook post (08/24/15)..

Kay Cothran Craigie to the ?ARRL Ohio Section..

Ohio ham friends -- thanks for the contacts in last weekend's Ohio QSO Party. Now I want to request your help. At the present time, the Amateur Radio Party Act of 2015, H.R. 1301, has 3 co-sponsors from Ohio. They are Representatives Wenstrup (2nd district), Johnson (6th district), and Joyce (14th district). If you live in one of those districts, please take a minute to phone the Representative's local office and say "thanks" for supporting amateur radio. If you live in another Ohio district, your help is needed right now to get your member of Congress to become a co-sponsor.

Without messages from constituents, they just won't do it. Please, today, phone a local office, e-mail the office, and/or write a letter sent c/o ARRL HQ. Full how-to information is on the ARRL web site at <http://www.arrl.org/amateur-radio-parity-act>. To find your Representative's web site for e-mail and local phone numbers, Google your district, such as Ohio 1st congressional district. To find your Senators' web sites, Google on Senator Rob Portman and Senator Sherrod Brown.

In little more than the time it's taken to read this post, you can make your voice heard not just for ourselves but for the youth whose photos are shown in posts on this page. They will be the active hams of tomorrow if we do our job today.

Thanks and 73, Kay N3KN, President,
ARRL

September 2015

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																									
Upcoming Events: 10/10 Parkersburg Hamfest 10/18 ConneautARC Hamfest 10/18 Kalamazoo HamFest 10/26 MASSILLON ARC HAMFEST!		1 BD KB8STV BD N8GAF Stark County ARES Net on 147.12 at 7:00 PM	2	3	4 Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000	5 Uniontown ARC Gabfest, Ctc Ralph, 724-438-5182, Uniontown, PA VE Test Session, Silvercreek ARC, 0930, Ctc: Barry, 330-925-1706, Rittman Public Library																																																																																																									
6 Massillon Radio Net - 3599.5 kHz, 2000	7 Labor Day	8 Stark County ARES Net on 147.12 at 7:00 PM	9	10 VE Test Session, Cuyahoga Falls ARC, 1900, Ctc: Bruce, 330-929-2766, Stow-Monroe Falls Public Library, Stow	11 West Stark Info Net - 147.180 at 2000	12 Lancaster Hamfest, Ctc Luke 716-481-5747, Lancaster, NY																																																																																																									
13 Butler Swapfest Ctc Rick, 724-287-8134, Butler, PA Findlay Hamfest, Ctc Bill, 419-423-3402, Hancock County Fairgrounds Massillon Radio Net - 3599.5 kHz, 2000	14 BD WA8HHO	15 Stark County ARES Net on 147.12 at 7:00 PM	16	17	18 West Stark Info Net - 147.180 at 2000	19 GM ARC Trunk Swapt, Ctc Bobby 248-346-2733, Shelby Township, MI OH-KY-IN Amateur Radio Society Hamfest, Ctc Gary 513-382-3979, Cincinnati, OH																																																																																																									
20 Adrian ARC Hamfest, Ctc Mark, 517-423-5906, Adrian, MI Massillon Radio Net - 3599.5 kHz, 2000	21	22 BD N3JJT Stark County ARES Net on 147.12 at 7:00 PM	23	24 BD K8RIC	25 West Stark Info Net - 147.180 at 2000	26																																																																																																									
27 Cleveland Hamfest and Computer Show, Ctc. Glenn, 440-835-4897, Cuyahoga County Fairgrounds Massillon Radio Net - 3599.5 kHz, 2000	28	29 Stark County ARES Net on 147.12 at 7:00 PM	30	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">Aug 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> <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>31</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">Oct 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> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2 3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>		Aug 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	29	30	31						Oct 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	29	30	31	
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Please contact K8INN for updates, changes, or additions.

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W8NP Trustee	Perry Ballinger	W8AU
W8NP Webmaster	Terry Russ	N8ATZ

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