



# FEEDBACK

VOLUME 65 ISSUE 10

OCTOBER 2020

## MASSILLON AMATEUR RADIO CLUB OFFICERS

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**MRN NET Sundays at 8:00 PM  
3599.50 KHZ**

**WEST STARK INFO NET  
Friday's 8:00 PM 147.180 MHz**

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## OCTOBER MEETING

The October meeting of the MARC will be held on Friday, October 2, 2020. The meeting should be held at the R.G. Klein Museum, downtown, at the corner of Erie and Federal Avenue NE. Enter by the rear door facing Federal Avenue. Doors open at 7:00, meeting will begin at 7:30 PM.

## ARRL ANNUAL AUCTION

The ARRL Annual Online Auction will take place on October 15-22, 2020. New Gear, Vintage Items, Books, One of a Kind finds, Product Review Items and much more.

Important Dates: Preview & Pre-registration begins October 12 through the 14. Bidding opens Oct 15, 2020 at 1400 UTC (10 AM). Auction ends Oct 22 at 10 PM.

Complete details at [www.arrl.org/auction](http://www.arrl.org/auction).



## Scouting's Jamboree on the Air set for October 16, 17, and 18th.

Jamboree on the Air ([JOTA](#)) and Jamboree on the Internet ([JOTI](#)) will be held this year on October 16, 17, and 18. [Register](#) online as an individual or as a group.

Jamboree on the Air is the largest Scouting event in the world. In a typical year, more than 1 million Scouts participate in JOTA, with over 11,000 stations operated by 20,000+ young radio amateurs from 150+ countries around the world.

[JOTA details](#) are available on the K2BSA website. The website menu will direct users to additional supporting information. K2BSA's Jim Wilson, K5ND, says many locations are already offering virtual radio merit badge classes "and no doubt will be using similar approaches for Jamboree on the Air."

#####

**(Sept 21, 2020)** This year the MARC will hold their annual hamfest on Sunday, November 1, 2020 at a brand new location.

It will be located at the MAPS Air Museum in Green. The address is 5383 Massillon Road (Rt 241), Green, OH 44720. This is along State Route 241. Admission will be \$5.00 per person. Tables will be available for \$15.00 per 6 foot length. Other changes may be necessary as we prepare for our hamfest. These will be posted on the website as we need.

MARC W8NP Minutes September 4th, 2020 Meeting held at R.G. Klein Museum & Zoom  
Perry W8AU called the meeting to order at 7:30 pm at Rodney G. Klein Museum and Library, 22 Federal Ave NE, Massillon, OH 44646, and Zoom via WIFI was connected for those not at the Museum. Social distancing was done due to the Corona virus pandemic.  
The Pledge of Allegiance was said by the group with Perry W8AU leading.

The minutes from the August meeting were distributed in the newsletter. Perry W8AU asked if there were any corrections. Motion to accept was made by Bud WA8KWD and second by Fred KE8SMO. The minutes were then approved.

Treasurer's Report: Information was provided by Dan N8DZM provided account balances.

#### New Business

Perry W8AU has made contact with the Boys and Girls Club of Massillon, and the Hamfest is scheduled for Sunday, November 1st, 2020. We will follow at the Hamfest any Pandemic Safety Rules. There was a discussion on the availability of tables and the configuration for the table placement, this all is to be decided at the next meeting.

Prizes were briefly discussed. Some prizes may be different this year, but no decisions have been made yet. Possibilities were suggested of a Xiegu G90 HF Amateur Radio Transceiver 20W SSB/CW/AM/FM 0.5-30MHz SDR Structure with Built-in Auto Antenna Tuner, and also an Antenna Analyzer.

Coffee and donuts are planned to be served if at all possible.

A motion was made to end the meeting by Fred KD8SMO and seconded by Don W8DEA and passed. After the meeting Perry provide some videos of Ham History.

Submitted by Vern KE8VS,

#### Reminder of activities forth coming:

It is uncertain, due to COVID-19 stay at home orders, if the next meeting will be on the air (and also with a Zoom meeting) for the Friday, October 2nd, 2020, or if that next meeting will be at the Massillon Senior Center, 39 Lincoln Way West, Massillon, Ohio 44647 or R. G. Klein Stock Market Museum, 22 Federal Ave NE Massillon; please, check for the information just ahead of the next meeting date.

If Zoom is used V Sproat KE8VS is inviting you to a scheduled Zoom meeting

## The technical side of Crimping

Proper crimping is a function that is as critical to the assembly business. The technique is just as important as soldering. For most people is difficult to understand that when this process is done correctly, the end result will have as excellent conductivity, consistent shield effectiveness, and increased termination strength. Which translates to a longer life of the assembly.

Below is the general guidelines ABR Industries follows as part of the Quality Control procedure for crimping.

- All strands have been deformed enough, into a trapezoidal shape, to cold-flow into the terminal body.
- The compression force is not too light, nor too strong. ABR uses 90 lb – 110 lb range as an equipment standard.
- The connector body is not overly deformed. No buckling on edges or rounded ends.
- Wires must be in solid working condition, cannot have scrapes, nicks, severing or other damages. This comes from the rotary stripper.
- Insulation should not show any signs of pinching, pulling, fraying, discoloration, or charring.
- Large voids are not left inside the crimp (caused by not enough wire inside the connector). Which is QC checked before shrinking the tubing.

The wire should have as many strands as possible, so that a few damaged or un-inserted wires will not adversely affect the crimp density, and thus degrade the electrical and mechanical properties of the connection.



## KE8IDH Tower Project

Terry Russ, N8ATZ - Emergency Coordinator

After a year of effort, MARC member Evan Rankl, KE8IDH finally completed his home tower project on Sunday, Aug 30th with assistance from multiple club members and family. A few pix are shown below. Have a look at the club website for more !!



# KB6NU's HAM RADIO BLOG

Lots of things going on at the ARRL over the past week. The first bit of news is that we now have a [new Director of Emergency Management](#), Paul Gilbert, KE5ZW. He certainly seems well-qualified. He's currently Section Manager for the ARRL South Texas section, and professionally he served in emergency communications positions for the Texas State Guard and other Texas state agencies.

This position has been somewhat restructured. As Director of Emergency Management, KE5ZW will be responsible for both ARES and the National Traffic System (NTS). As far as I can tell, the latter really needs some work. As I have urged the ARRL to do in the past, I urge him to keep more on top of what's going on in emergency communications research. The only way to stay relevant is to stay abreast of the research in the field and maybe even sponsor some research of our own.

## ARRL Board slate set

On Tuesday, 8/25, the ARRL announced the slate for this year's board election. In three of the divisions, the directors were unopposed:

- Atlantic Division: Tom Abernethy, W3TOM (first elected 2015).
- Delta Division, David Norris, K5UZ (first elected 2012).
- Midwest Division: Vice Director Art Zygielbaum, K0AIZ is running unopposed for Director.

A bit of a surprise is that in Great Lakes Division, where I live, incumbent Director Dale Williams, WA8EFK, who was elected in 2014, is being challenged by Michael Kalter, W8CI, who is treasurer of the Dayton Amateur Radio Association, i.e. the group that puts on the Dayton Hamvention. I look forward to hearing from the candidates.

Also in the Great Lakes Division, the current vice director has decided to step down, and three guys have thrown their hats into the ring, including the current Ohio section manager, the previous Ohio section manager, and a Michigander. I ran for that seat myself twice, losing the last time by only twelve votes. I guess that I'm a better CW operator than I am a politician.

In the Dakota Division, Matt Holden, K0BBC, who's been director for only three years after being elected in a special election is being challenged by Bill Lipper, AC0W.

Voter turnout is notoriously bad for these elections. That being the case, I'd urge you to actually read the candidate statements and then vote.



## Announcing the new Icom IC-705 portable transceiver !

Amateur radio and nature experience - what better way to combine this than with a nice portable activity? No matter if you climb the next mountain or try out a home made wire dipole on a beautiful forest clearing, fun is guaranteed. And what helps better than an almost perfect portable transceiver? The IC-705 offers everything that radio amateurs need to be QRV in all operating modes when on the road.

The IC-705 is a QRP transceiver for all shortwave bands, plus 6m, 2m and 70cm. The receiver is continuous from 30 kHz to 199 MHz, plus the 70cm range of 400-470 MHz. All operating modes are supported, including modern digital D-Star operation. The compact device is designed as a direct sampling SDR up to 25 MHz, following Icom's extensive experience with devices such as the IC-7300 and IC-9700. Above 25 MHz the IC-705 operates as a superhet or double superhet. The colour LC display has the same size as its bigger siblings (4.3" diagonal), it is a touch display. This makes the operation very easy, while retaining a clear and easy to use user interface. The colored waterfall display helps enormously in band monitoring, so you will never miss any activity. The loudspeaker on the front ensures good intelligibility.

As power supply either a rechargeable battery or an external 13.8V power supply is used. The included Lilon battery BP-272 has a voltage of 7.4V and a capacity of 2000 mAh. This provides an output power of 5W, with external supply up to 10W output power is adjustable. Of course the power can be reduced to 500 mW for QRP friends. With the battery several hours of fun are guaranteed during a hike or portable activity.

## .....IC-705 Continued.....

But also the other features of the IC-705 leaves hardly anything to be desired. Besides the classic modes like SSB, CW, AM and FM, the transceiver also offers RTTY, WFM and D-Star digital operation. This allows worldwide connections to be established via suitable repeaters. D-Star operation includes exact position information, therefore a GPS antenna is built into the IC-705. The GPS position can be recorded during the hike, so the device also serves as a position logger. The recording is done on an optional Micro-SD card, a slot for this is available on the side of the device. The SD card can also be used to record received QSO data and the configuration of the device. To allow a comfortable operation with headsets or a hands-free kit the IC-705 is equipped with modern Bluetooth. The remote control and configuration via computer is done either via the USB interface or wirelessly via Wifi.

The IC-705 offers fun - on the road, on all bands, in all operating modes. Now there's no reason to miss out on the radio hobby when out on the road!

### Technical details IC-705:

- Transmission power 0.5-5W with battery, 0.5-10W with ext. 13.8 V supply
- Bands: HF + 50 MHz + 144 MHz + 432 MHz
- Operating modes: SSB, AM, FM, WFM, CW, RTTY, D-Star DV
- Receiver continuous: 30 kHz - 199 MHz + 400-470 MHz
- Colour display 4.3" diagonal
- Size approx. 200 x 80 x 85 mm
- Weight approx. 1 kg without battery



## Board of Directors Elects New ARRL CEO David Minster, NA2AA



The ARRL Board of Directors has elected David Minster, NA2AA, of Wayne, New Jersey, as ARRL's new Chief Executive Officer, starting on September 28. Minster is currently Managing Partner at Talentrian Partners, a management consulting firm serving the consumer goods and luxury goods industries.

Minster began his career as a software engineer, moving into management at Unilever, as a Chief Information Officer of this globally recognized portfolio of brands that includes Elizabeth Arden Company, Chesebrough-Ponds Canada, Thomas J. Lipton Co., and others. From there, he moved to fine jewelry manufacturer and retailer David Yurman, where he served as COO and CIO. More recently, Minster served as CEO of jewelry brands Scott Kay and Judith Ripka.

"Building a culture of accomplishment and accountability is what I do best. My initial focus will be working with the Board on establishing strategic goals and concrete plans to navigate ARRL through the digital transformation required for the coming decades of its Second Century. This includes exciting and innovative ways to be engaged in amateur radio, while growing activity and membership."

Minster got his Novice license, WB2MAE, in 1977, when he was in his teens. He progressed from Advanced to Amateur Extra and, after a stint as NW2D, he settled on the vanity call sign NA2AA in the 1990s as a way to honor a mentor, N2AA, and the contest station that he used to frequent, K2GL, in Tuxedo Park, New York.

Minster's ham radio pursuits have ranged far and wide over the years. His background includes National Traffic System training and participation in public service events, as well as contesting from home, club stations, and contest stations in the Caribbean — particularly on Bonaire, where he is a member of PJ4G. Primarily a CW operator, Minster collects unique and vintage bugs and keys.

Minster earned a bachelor's degree in computer engineering from The Ohio State University and has a special interest in satellites, digital communications, remote operation, and ham radio computing and software. He has written keyer software for the commercial market, and contest logging, packet, and satellite telemetry software for personal use.

In addition to being an ARRL member, Minster is a member of AMSAT, the Frankford Radio Club, the Straight Key Century Club, CWops, and the North American QRP CW Club.

"I spend every day of my life, one way or another, engaged in amateur radio. It is more than just a hobby for me; it is my community. It is where I live; where I have built lifelong friendships, and friendships that span the globe. Amateur radio allows me to dream and to experiment. I can't wait to bring my energy and boundless enthusiasm in service to ARRL."

ARRL President Rick Roderick, K5UR, said, "We are excited to welcome David as our new CEO, and look forward to his progressive leadership. His experience in management and operations, plus his activities in amateur radio, will serve our organization and members well."

Minster will succeed Barry J. Shelley, N1VXY, who was CEO in 2018, and who has been serving as ARRL's Interim CEO since January 2020. Shelley had been ARRL's Chief Financial Officer since January 1992.



# October 2020

## W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																						
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11	<p style="text-align: center; font-size: 2em;">12</p> <p style="color: red; text-align: center;">Columbus Day (Observed)</p>			<p style="text-align: center; font-size: 2em;">15</p> <p>BD WD8MF</p>	<p style="text-align: center; font-size: 2em;">23</p> <p>West Stark Info Net - 147.180 at 2000</p>																																																																																							
<p style="text-align: center; font-size: 2em;">4</p> <p>BD N8AIZ Massillon Radio Net - 3599.5 kHz, 2000</p>				<p style="text-align: center; font-size: 2em;">8</p> <p>VE Test, Cuyahoga Falls ARC, 1830, C/o: James, 330-928-8921, Blue Parking Garage (No walk-ins/call ahead)</p>																																																																																								
<p style="text-align: center; font-size: 2em;">18</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>			<p style="text-align: center; font-size: 2em;">21</p> <p>VE Test Session, Pioneer AR Fellowship, 1830, C/o: 330-730-7765, Fire House Grill &amp; Pub, 2437 Canton Rd, Alcom</p>																																																																																									
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**Massillon Amateur Radio Club  
PO Box 73  
Massillon, OH 44648**

**FIRST CLASS MAIL**

**TO:**

**Club Officers for 2020**

<b>President</b>	<b>Perry Ballinger, W8AU</b>
<b>Vice President</b>	<b>Don Rankl, N8IVJ</b>
<b>Secretary</b>	<b>Vern Sproat, KE8VS</b>
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**Wade Huthmacher, WD8MIU Expires Dec 2021**  
**Fred Reed, KD8SMO Expires Dec 2022**

**W8NP Trustee Perry Ballinger, W8AU**

**W8NP Webmaster Terry Russ, N8ATZ**

**Published by the Massillon Amateur Radio Club, PO Box 73, Massillon, Ohio 44648. The Club meetings are the first Friday of every month (except January) at 7:30 PM at the Massillon Senior Citizens Center located at 39 Lincoln Way West, Massillon, OH.**