

FEEDBACK

VOLUME 64 ISSUE 5

MAY 2019

MASSILLON AMATEUR RADIO CLUB OFFICERS

PRESIDENT

Perry Ballinger
W8AU
w8au@sssnet.com

VICE PRESIDENT

Don Rankl
N8IVJ
drankl@ranklc.com

SECRETARY

Vern Sproat
KE8VS
vsproat@hotmail.com

TREASURER

Dan Anastis
N8DZM
ddann@sbcglobal.net

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

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

CONTENTS

Secretary Report	—2
N8ATZ Column	—4
ARRL News	—5
N8PII Obituary	—6
KB6NU Column	—7
KE8EHF Articles	—8,9,10,11
May Prez Sez,	—12
K8INN Calendar	—13
MARC Back Page	—14

MAY MEETING

The meeting for the month of May will be held on May 3, 2019 at the Massillon Senior Center 39 Lincoln Way West at 7:30 PM. Doors will open at 7:00 PM for the “Eyeball” QSO .

This month is one month before Field Day activities and we must finalize a few things. First we must decide where to hold the event. At last month’s meeting, two sites were to be considered, so we must finalize that problem. No one brought up which category we will operate, I assume 2a like we have in the past. Then we must allocate funds for food and drink and who will purchase them. These are but a few of things to do. Do you have any other items to be considered ?

Set up will be as always, Saturday morning at 9:00 AM. All able bodied members are requested to show up and help set up the event as they will not set themselves up ! Tear down will commence immediately following the close of the event which is usually 2:00 PM on Sunday.

Scoring chores were handled by a new person in charge of that chore, W8AU and I wonder if he is willing to do it again this year, we will have to ask!

Remember Field Day is supposed to be a FUN EVENT !!

MAY PROGRAM

Our program for the May meeting will be our annual ARRL Night and will be presented by Ohio Section Manager Scott Yonally, N8SY.

Scott brings with him all the latest and greatest information from the ARRL and hopefully will answer any questions you may have and information about any project you may be trying out from QST magazine. I know in the past Scott’s appearance has been a popular event for the entire membership.

SURVEY

If you have read this newsletter, please respond with "Enjoyed the Newsletter" in the subject box or return e mail to: wc8w@sssnet.com. That might give an idea of how many members actually do read it. Just a suggestion. I'm not sure how many members appreciate how much time and effort goes into this. This may or may not determine weather I continue with the newsletter or do you have any suggestions to make it better or more interesting? Thank You for your participation de Gary WC8W Editor

MARC W8NP Minutes April 5, 2019 Meeting at Massillon Senior Center

Perry W8AU called the meeting to order just after 7:30 pm

After the Pledge of Allegiance, there was a moment of silence for our departed member Russ McMahan, N8PII. This was followed with a round of introductions.

Secretary's report: A motion was made by Joe WD8BGW to accept March Secretary's minutes as published in the newsletter. Perry W8AU ask for any corrections. to accept the as published in the newsletter, motion passed.

Treasurer's Report: Dan N8DZM provided account balances for all accounts.

A motion to accept was made to accept the report by Jim WA8GXM & seconded by Fred KD8SMO. The motion passed.

Vice President Report :

Don N8IVJ, identified online items on W8NP.org which is kept upto date by Terry N8ATZ. If out of the area bands can

be listened to via Broadcastify: [W8NP 147.1800 MHz Massillon ARC and WA8GXM 53.0500 MHz Repeaters](#)

The broadcastify broadcasts are provide by Chris KD8TNF.

QRZ.com is a good resource for a lot of information.

Evan KE8IDH is a good resource for when nets are happening during the week.

Jim WA8GXM identified the Stark County DMR Net is every Mondays at 7:30 pm.

Ohio Statewide TG 3139 & other OH Regional TGs from Repeater / Hotspot Amateur Radio Operators

[Amateur DMR Talk Group 3139.](#)

DX contests upcoming were announced.

Contests upcoming were available from the ARRL list at <http://contests.arrl.org/>

Upcoming hamfests:

Athens Sunday April 28, Hamvention May 17-19, Austintown Sunday July 7, Columbus Saturday August 3rd,

NW ARC Saturday Oct. 12 Lima Ohio.

The Pioneer ARC will have a bus scheduled for Dayton Saturday <https://www.qsl.net/w8ctt/>, Contact is Joy Spencer, or call 330-745-5115 E-mail: KA8TDF@arrl.net rreindeer@aol.com

The Massillon Memorial Day parade is Monday May 27, we are invited to participate with our E-Comm trailer properly decorated with National, State, and all Military Service flags.

Having many members with ARRL membership helps them protect our bands when dealing with the FCC. We do get a rebate if memberships are done through our club.

Old Business:

Terry N8ATZ, Don W8DEA, & Perry W8AU were teaching classes for Technician, General and CW. The classes concluded March 29 with VEC exams following on Saturday morning. 2 out of 3 passed the Technician test, with 4 out of 5 passing General. (One passed the General later at Cuyahoga Falls). All those that are not already members are given free MARC membership for one year, and asked to fill out a membership form and send to the Secretary, Vern KE8VS. Congratulations to all those who passed the tests.

Maker Faire flyers for the Wayne County Akron U. branch in Orville Saturday, May 18th were passed out.

The Annual Military to Amateur cross band test is Saturday 11 May ~ 7am to 11 pm, a week ahead of Dayton Hamvention May 11th. Those copying the Secretary of Defense message can get a certificate by sending it to Army MARS Hq at Fort Huachuca,

Arizona. Instructions for this event can be found at www.armymars.org.

New Business:

Field Day discussion on last year's location being public or not was left to ARRL decision and it was not credited. The areas of discussion for this year were Hartwick Park & Kiwanis Park or the church. There were pros and cons for both locations. The decision on which location to use was delayed until more research is done. There was positive comments for moving to a different site to show the public, including young kids, that STEM can be fun. Perry asked for those who want to be on a committee to view the sites this week. Dan said he had viewed Hartwick park on the way to the meeting. It is quite large, with pavilion and porta-johns.

Gary WC8W, the newsletter editor is looking for a replacement and also an update to Office 2007 software. Suggestions were to apply for a Microsoft Grant to for 501 c3 organizations. Open Office was also suggested. Discussion is to follow in the future.

We are encouraging members to step up to the Newsletter editorship as he is retiring after 25 years.

Terry N8ATZ Cleveland Thursday, April 18 SKYWARN training at EMA office limit participation to ~ 25 people. Vern KE8VS suggested possibly in the future to have the training hosted at Stark State College in conjunction with the Ham Radio Club at Stark State College. Also, Joe WD8BGW suggested the Massillon Lincoln Theater as a possibility.

Jim WA8GXM reminded us of the Stark County DMR Net on Monday nights at 7:30 pm. The process is to check in then once everyone is in then go through the list of those signed in.

State Wide Net is Wednesday on channel 4 at 8:30 pm. Our district is 5. (There is more that check in from Stark County than any other county.) Be careful not to be on TAC 310 channel, it wipes out all others. TAC 310 (When connecting to Canton then using the internet.)

A motion was made to adjourn Jim WA8GXM, second by Wade WD8MIU. Motion passed.

The program after the meeting was a couple Bob Heil videos on a dipole antenna ball launcher and a "new" AMECO Novice transmitter kit.

Thanks to all who helped provide the refreshments.

Submitted by Vern KE8VS

The Friday May 3rd, meeting will be at the Massillon Senior Center, 39 Lincoln Way West, Massillon, Ohio 44647

Doors to open at 7 pm with the start of the meeting 7:30 pm. Entry is to be made by the doors on the South East corner.

... MAY PROGRAM ...

Our program for the May meeting will be our annual ARRL Night and will be presented by Ohio Section Manager Scott Yonally, N8SY.

As always, Scott will bring the latest news from the ARRL including local updates from around the Ohio Section including the new ARES Connect database.

This is always an interesting and informative meeting you won't want to miss. Bring along all your questions and concerns for Scott !

Per our normal procedure, we will have Scott's presentation first after member introductions and our normal business meeting afterwards.

... DAYTON HAMVENTION ...

May brings with it the beginning of warmer weather and most importantly the annual trek to the Mighty Mecca of Ham Radio, Dayton Hamvention. Celebrating it's 68th show this year on May 17, 18 and 19, this is one hamfest everyone should visit at least once. This year's theme is "Amateur Radio - Mentoring The Next Generation". This year's show will again be held at the Green County Fairgrounds in Xenia just outside of Dayton. Several improvements have been made since last year which should enhance amateur's experience this year.

Additionally 2019 brings back the now standard ARRL EXPO which is a showcase of exhibits to enhance your ham radio experience, this is going to be yet another great ham radio event. In addition the ARRL will have several new presentations on their DIY Stage. Expect a variety of creative projects and cool technology to be demonstrated that will interest both novice and seasoned operators alike. Also this year the ARRL National Convention will be held during Hamvention with additional programs on the schedule.

So what exactly is Hamvention ? It's a forum where you can meet the authorities on nearly all facets of our great hobby. It's 500 inside exhibit spaces where manufacturers show off their latest equipment that you can see & touch. Some is even operational and you can "fiddle the knobs" on some really expensive radio gear. It's also 2,500 outdoor flea market spaces where everything and anything is available for sale. Last year's attendance rebounded slightly and all indications are that this year's event will again increase with the move to their new location in Xenia. Let's hope this is true.

If you are interested in forums, hamvention this year will sponsor over 50 different talks covering everything from operating to equipment to rules & regulations. Many programs this year will center around this year's theme.

Another fun repeat feature this year at Hamvention will be streaming audio and video from the event via Tom, WA5KUB who will provide live video from Hamvention. If you can't make it to this year's event check out the next best thing at <http://wa5kub.com>. Tom has posted a special announcement on his website this year indicating this may be the last broadcast unless some additional funding becomes available. This is always a great way to see what's going on at Hamvention and I hope he will be able to continue this now great tradition. Stop by his flea market spaces and donate if you can.

If you are looking for alternative transportation to Hamvention, the Pioneer Amateur Radio Fellowship group is once again sponsoring a charter bus to Dayton on Saturday, May 20th provided they get enough riders. The deadline will have passed by the time you read this but they may still have some open seats left. Complete details and costs are on their website at www.qsl.net/w8ctt. The basic Dayton Hamvention website is www.Hamvention.org. They also have posted a complete list of the forums scheduled for this year as well as a list of the inside vendors for this year. I found a link on their website

the vendors on the inside as well as everyone in the flea market. Perfect if you are looking for someone specific on the outside flea market.

That's it for this month, see you at the club meeting.

73's
Terry - N8ATZ

ARRL NEWS

Meet the Author at the ARRL National Convention

04/25/2019

ARRL will present a "Meet the Author" area at the 2019 ARRL National Convention at Hamvention® May 17 – 19 in Xenia, Ohio. This is an opportunity for visitors to speak with the radio amateurs who are inspiring today's experimenters, operators, and innovators. A schedule will be posted in the ARRL exhibit area to meet these authors and editors:

Bob Bruninga, WB4APR, author of ARRL's new book [Energy Choices for the Radio Amateur](#).

Glen Popiel, KW5GP, author of [Arduino for Ham Radio](#), [More Arduino Projects for Ham Radio](#), and [High Speed Multimedia for Amateur Radio](#).

Ward Silver, N0AX, lead editor for [The ARRL Handbook](#) and [The ARRL Antenna Book](#), and author of [Grounding and Bonding for the Radio Amateur](#), [ARRL's Hands-On Radio Experiments](#), and [ARRL License Manuals](#).

Dr. Scott Wright, K0MD, editor of [NCJ](#), ARRL's premiere contesting journal.

Bob Allison, WB1GCM, ARRL Lab Product Review and author of [Amateur Radio Transceiver Performance Testing](#).

Books will be available for purchase within the ARRL exhibit area for authors to autograph. In addition to the Meet the Authors area, ARRL National Convention exhibits and activities will include QSL card checking for ARRL award programs, the opportunity to have your handheld transceiver checked for spurious emissions, and much more.

ARRL exhibits will be located in Building 2 of the Greene County Fairgrounds and Expo Center. Visit the [ARRL National Convention](#) and [Hamvention](#) websites for a complete convention rundown

Faster, More Contest-Friendly FT4 Digital Protocol to Debut in a Week

04/22/2019

[UPDATED: 2019-04-24 @ 1818 UTC] A new, speedier, more contest-friendly digital mode is just days away, initially in beta form. [WSJT-X](#) developers say serious work on the new FT4 protocol began shortly after the FT8 Roundup held last December 1 – 2. The goal was a mode that could compete with RTTY contesting in terms of contact rates, while preserving many of the benefits of FT8.

"Over the past month a small group of volunteers have been conducting on-the-air tests of FT4," the [WSJT-X Development Group](#) — Joe Taylor, K1JT; Steve Franke, K9AN; and Bill Somerville, G4WJ — announced this week. "The early tests were very successful and helped us to make a number of important design decisions. We believe FT4 has considerable promise for its intended purpose."

The developers say FT-4 soon will be ready for testing by a larger group and they're seeking interested participants who can offer their "considered feedback." They suggest reading [The FT4 Protocol for Digital Contesting](#) first. A general release of the [WSJT-X](#) suite that includes FT4 is anticipated in July.

According to the document FT4 is an experimental digital mode designed specifically for radio contesting that — like FT8 — uses fixed-length transmissions, structured messages with formats optimized for minimal contacts, and strong forward-error correction. Transmit-receive sequences are 6 seconds, making it 2.5 times faster than FT8 and about the same speed as conventional RTTY for radio contesting. FT4 can work with signals 10 dB weaker what would be required to decode RTTY while using much less bandwidth.

Transmissions last for 4.48 seconds, compared to 12.64 seconds for FT8. Modulation uses four-tone frequency-shift keying at approximately 23.4 baud, with tones separated by the baud rate. The occupied bandwidth is 90 Hz.

"We plan to post downloadable installation packages for [WSJT-X](#) version 2.1.0-rc5 on Monday, April 29," the Development Group said. [The FT4 Protocol for Digital Contesting](#) document.

(Thanks to ARRL News 4/25/2019 for these articles)

IN MEMORIAM

RUSS McMahan N8PIL



Russ McMahan, N8PIL , age 60 passed away on March 28, 2019 at his home. At this time it is not known what Russ passed away from but it is believed he passed from heart complications.

Russ was a longtime MARC member in fact had he lived he would have received a Lifetime Membership this year in the Massillon Amateur Radio Club. Russ was a reliable volunteer in the clubs activities in fact Field Day was one of Russ's favorite activities. He was part of the "midnight" crew. You could count on Russ being there and volunteering to be "on the air" from the club E-Com Trailer during the midnight hours.

Members are working on locating his next of kin so they can obtain a military burial in the military cemetery in Rittman Ohio as Russ is a Navy Veteran. They will notify us when they get the necessary paper work finished.

We wish to send our most sincere condolences to the family and dear friends of Russ and we will miss him dearly.



Getting loaded (antenna-wise, anyway)

By **Dan Romanchik, KB6NU**

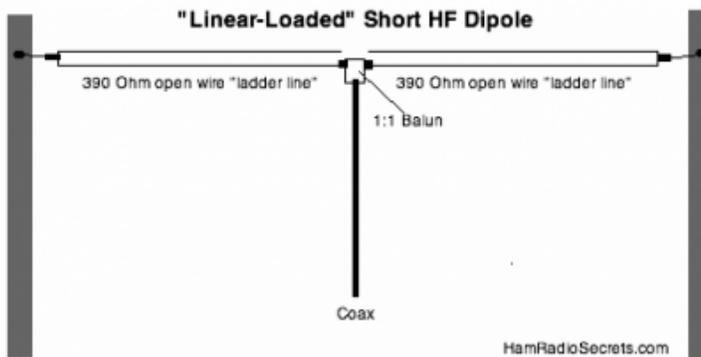
A couple of years ago, I homebrewed a "Cobra" antenna (<https://www.kb6nu.com/yet-another-new-antenna-the-cobra/>). It's a doublet antenna, meaning that it consists of two elements connected to a center insulator, where it connects to a feedline. The unique thing about the Cobra antenna is that each element consists of three parallel conductors connected in series.

My antenna uses a lightweight, three-conductor rotor cable that used to be available from Radio Shack. The feedline is 450 Ω ladder line that connects to an antenna tuner to give me multi-band operation.

Connecting the conductors in this way is supposed to provide "linear loading." Somehow, running the conductors in parallel is supposed to increase the antenna's effective length. My antenna is only 73-ft. long, but it easily tunes up on 80m.

The *ARRL Antenna Book* has a short section on linear loading. It says that linear loading is a "little understood" alternative to inductive loading that can be applied to almost any type of antenna. Furthermore, "...it introduces very little loss, does not degrade directivity patterns, and has low enough Q to allow reasonably good bandwidths."

As I mentioned, I've been using this antenna with good results for a little more than two years now. When I first put it up, someone mentioned the concept of linear loading to me, but not being an antenna guru, I didn't 'give it much thought. About a week ago, though, I ran across a link to the page Short Ham Antennas for HF (<https://www.hamradiosecrets.com/short-ham-antennas.html>). That got me thinking about the topic again.



This page describes a way to build a linearly-loaded dipole antenna with a feedpoint impedance of approximately 35 Ω . This allows you to feed it with coax instead of the ladder line that I use. The author uses 390 Ω ladder line for the elements. He says it's commonly available, but I don't think I've ever seen 390 Ω ladder line. You could probably use 450 Ω ladder line by adjusting the element lengths a little.

At that point, I started Googling. The next linear-loaded antenna design that I ran across is a design from M0PZT (<http://www.m0pzt.com/40m-linear-loaded-dipole/>). He built his elements from some sturdy wire and homebrewed spacers made from PVC pipe. He's used this design for the 40m elements of a fan dipole covering the 40m, 20m, 15m, and 12m bands. Only the 40m elements are linear-loaded.

I also found a design for a linear loaded vertical antenna for 40m and 80m (<https://www.qsl.net/pa3hbb/ll.htm>). This antenna is only 7.736m, or 25.4 ft. tall. Of course, it requires a good radial system to work well, but it will work a lot better for DX than a low doublet or dipole.

Finally, there's an eHam discussion on linear loading (<https://www.eham.net/ehamforum/smf/index.php?topic=84418.0>). Unlike a lot of eHam discussions, this one is quite civil. It's worth reading if you're interested in the topic.

So, if you're thinking of getting loaded, errrrr, I mean loading your antennas, here's a method for you to consider. It works!

73!

Dan KB6NU

CW Geek, Ham Radio Instructor

Author of the "No Nonsense" amateur radio license study guides

Read my ham radio blog at <http://www.kb6nu.com>

The Future of Amateur Radio Is Not In The Numbers.

Chris Warren August 20, 2017
www.offgridham.com

For close to three decades, ever since the Morse Code requirement for amateur radio was dropped for the Technician license in 1990 and then finally eliminated for all licenses in 2007, there has been a simmering debate about the future of amateur radio and how to make it appealing to young people in a high tech world with a lot of competition for their attention. And for just as long there has been a cheerleading faction that offers up the growing number of licensees as evidence that things are going great, or at least that's what they publicly claim. I am not nearly so optimistic. The future of amateur radio cannot be built solely on a foundation of numbers. Some hard realities need to be confronted if the future of amateur radio is to be as bright as the cheerleaders want us to believe.

Quantity over quality is a dead end.

There is no dispute that the number of licensed amateurs is indeed growing. What is lost in the statistics is that there is a lot of uncertainty about how many of those licensed amateurs actually participate in or care about the avocation to any meaningful degree.

This blog article from five years ago explains it very well. The [TL,DR](#) version: A lot of hams got their tickets for some specific purpose like a Boy Scout merit badge or to be part of a neighborhood watch program, and then left amateur radio when that purpose was fulfilled. The theory also assumes that anyone who is willing to pay for

membership in a radio-related group can plausibly be counted as "active" in the hobby. This is a pretty loose assumption, but for now we'll go with it. The other caveat is that there is no accepted definition of "active ham".

If we recalculate the formula with today's numbers, the ratio is still the same: Only about 23% of licensed amateurs are considered active in the hobby; let's arbitrarily bump that to 30% to include those who are active hams, but not members of a radio club/organization (I place myself in this bucket). I'm willing to bet these admittedly unscientific estimates are close to accurate if not overly generous. From my own experience, there is a lot less enthusiasm for ham radio, even among the hams themselves, than there was back in the 1980's when I first got my ticket.

I realize anecdotal evidence is not real evidence, but it's not nothing, either. It calls attention to a completely valid question: If there are a lot more amateurs than there were thirty or so years ago, why is there no surge in traffic on the ham bands, no increase in club memberships, no higher attendance at hamfests, and no participation swell in on-air contests to correspond with the greater number of licensees? Going only by the raw number of issued licenses, the future of amateur radio should be highly visible and self-sustaining.

In 2007 the Morse Code requirement was dropped for all license classes and the written exams were dumbed down to the point that one can now get an Extra ticket with absolutely zero on-air experience and just a few evenings of memorizing test answers. The test pass rate was very high and licensing applications soared. For better or worse, lowering the bar of entry, presumably to cultivate the future of



amateur radio, at least on the surface appeared to be achieving its intended result.

This little history lesson leads us to an understanding about why we have a lot more radio licensees but not a lot more radio participants: There are a disproportionate number of individuals who are hams on paper only. They have a valid license and are included in the total, but they don't do anything beyond being a number. The cheerleading faction is totally ok with this and even boasts about it.

All those ten year term ham tickets issued during the rush of 2007-2009 will soon expire. I predict in the next year or two we will see the net growth of licensees slow down or even recede because the bandwagon-jumpers from a decade ago will not bother to renew.

The future of amateur radio needs action, not math.

Lamenting the events & decisions that got us here is also a dead end. The license changes of 1990 and especially 2007 generated a lot of bitter acrimony that still lingers today (I've actually received hate mail). I'm not interested in refighting the civil war. It's long over & done. I want to work with the system we have and play a part, however small, in ensuring a real future for amateur radio, not one that only brags about numbers and has no real heft behind it.

If young people are the key, then we elders need a plan, a list of things we can actually go out and do, that will make a difference. I sincerely hope this is a cause every concerned ham can join no matter what side of the civil war they were on.

In no particular order:



Stop hawking EMCOMM. Emergency communications is important, but it's become a tiresome public relations trope. Ham radio for EMCOMM is overrated now that cell phones and advanced public safety coms systems have nearly 100% uptime, even during stressful situations. I'm not saying EMCOMM is not worthwhile or not relevant, I'm only suggesting that it's not much of a selling point to bring in new hams, particularly the young.

Focus on data modes & video. Young people like to stare at screens. So give them a screen to stare at! Yeesh, this is such a no-brainer! Data modes & video are the closest thing amateur radio has to the way kids communicate these days. It's very relatable and an easy fit to the younger generation.

Forget about Morse Code: Much of the aforementioned civil war revolved around the "Know Code vs. No Code" issue. The Know Coders lost. It's been *ten years*. Let it go already; move on (cue hate mail). Making stiff proclamations about code's efficiency and ability to punch through poor band conditions, albeit true, are not a persuasive argument to get young people interested in radio. If you want to operate CW for your own enjoyment & benefit, fine...go for it. But embrace this basic truth: No modern teenager thinks its cool to tippy-tap dots and dashes invented 180-plus years ago .

Promote computer-based projects. Arduino and Raspberry Pi are becoming major players on the amateur radio landscape. Many books & articles have been written on how to incorporate these technologies into radio. Like data modes and video, Arduino & Raspberry Pi are a natural comfort zone for the young and one of the best ways to plant the seeds of the future of amateur radio.

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Encourage contesting. This too is a no brainer. Many teens are involved with team sports, so radio contests are inherently attractive to competitive personalities. Kids can be coached to approach radio just as they would for a sport, then have the personal satisfaction of performing their best in an on-air contest. The parallels between radio contests and youth athletics are obvious: Goal-setting, teamwork, fair play, sportsmanship, achievement. Not capitalizing on these similarities would be an appalling missed opportunity.

Promote alternative/off grid energy. Whenever I give a presentation with my portable solar power equipment, I have the undivided attention of every young person there. They absolutely love the idea of zero emission, "free" electricity you can make yourself. The problem is that they are usually far more interested in the solar panels than they are in the ham radio gear. In fact, I could probably not even bring the radios and they'd still stand there and listen to me. Nevertheless, if alternative energy can be used as a bridge to amateur radio, then it's worth doing. Not everything in radio has to be about radio.

Be more selective. The confluence of lax licensing requirements and inexpensive equipment has attracted people who might not otherwise consider being a ham. A few will seriously pursue the hobby, but the vast majority jump into radio "just for the heck of it" and just as quickly drop away. **This startling piece** over on the KB6NU blog lays it all out on the table in a refreshingly blunt tone: "...only about one-half of new hams actually get on the air."

While I do not endorse being aggressively exclusive or elitist, I also do not believe we should waste our time on casual dabblers who are at high risk to quit without making

Hams come in many colors

The Title may imply that we’re speaking of many races that constitute the world Ham community, and this would be correct. But as it applies to our local contingent over the years of club existence in our midwest setting we find a certain few with colorful lifestyle differences – those of modest means living in very modest settings. Despite these seeming shortcomings, they are able to join in Amateur Radio activity despite living in tight quarters on a postage stamp sized lot. In the last 25 years we have had two members in that category, one of which was Russ McMahan, N8PIL, who had just achieved his 25th year as a Club member.



Russ passed on just prior to our March meeting.

Despite health problems and being on medical disability he was a staple of our Field Days and a regular on our W8NP Repeater. A small number of our members had looked after him, providing transportation to meetings and other appointments. Wade Huthmacher, WD8MIU, has been watching over him for nearly 20 years. As he was a Navy veteran we will be making sure he is interred at Western Reserve National Cemetery at Rittman.. We will post this information as soon as it can be scheduled.

Rest in Peace, Russ – you have earned it..

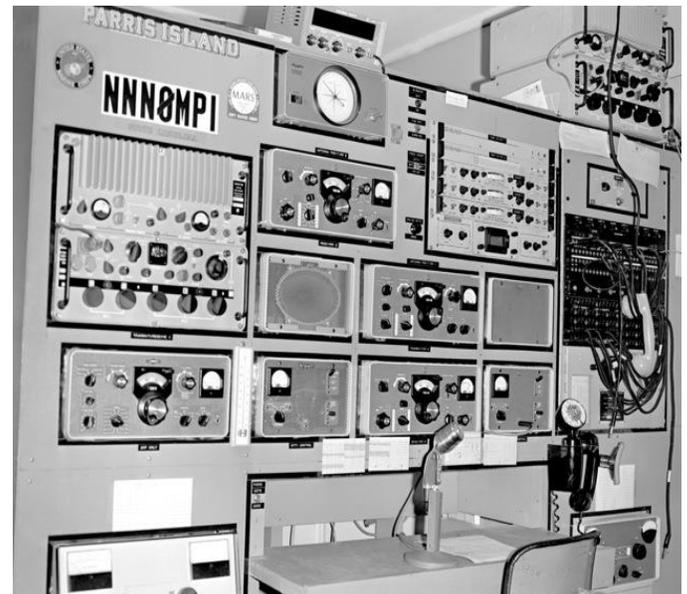
The month of May offers many things.

We know that Dayton/Xenia is coming May 17-18. But there is an unusual operating event occurring one week prior that all will find fun and challenging.....>>

The “Armed Forces Day Military to Amateur Radio Crossband Test.”

The Army, Air Force, Navy and Coast Guard are sponsoring the annual military to /amateur radio communications tests in celebration of Armed Forces Day (AFD). The AFD Military to Amateur Crossband Communications Test is conducted in May of each year, one week prior to the Dayton Hamvention..

This a unique opportunity to test two way radio communications between Amateurs and military communicators authorized in 47 CFR 97.111, and features traditional military to amateur cross band SSB voice, CW, the legacy modes, as well as an opportunity for Amateurs to utilize more modern military communications modes such as MIL-STD Serial PSK and Automatic Link Establishment (ALE).



This will give you an opportunity and a challenge to demonstrate your individual technical skills. First check the chart at www.usarmymars.org and tune to the freq of the station you want to hear. Listen to where they are accepting calls and call them there. (split operation.) To copy the Secretary of Defense message, check the bottom chart for the time/freq & mode.. QSL cards will be provided to those stations making contact with the military stations.) Listen for NWVC USS LST325 to hear me on the key. Maybe on the mike? ☺

73, Perry W8AU

May 2019

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																											
<div style="display: flex; justify-content: space-around;"> <table border="1" style="font-size: small; text-align: center;"> <caption>Apr 2019</caption> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr> </table> <table border="1" style="font-size: small; text-align: center;"> <caption>Jun 2019</caption> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></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></td><td></td><td></td><td></td><td></td><td></td></tr> </table> </div>			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					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							<p style="color: #800080; font-size: 1.5em;">1</p> <p>BD WA8KWD</p>	<p style="color: #800080; font-size: 1.5em;">2</p>	<p style="color: #800080; font-size: 1.5em;">3</p> <p>Massillon Amateur Radio Club Meeting. Massillon Senior Center, 1930 Doors open at 1000</p>	<p style="color: #800080; font-size: 1.5em;">4</p> <p>Cadillac Hamfest, Cadillac, MI, Ctc: Duane, @ 231-824-9813</p>
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<p style="color: #800080; font-size: 1.5em;">5</p> <p>BD WD8MBE Jackson County ARC Hamfest, Ripley, WV, Ctc: Roy, @ 304-927-4412 Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 1.5em;">6</p>	<p style="color: #800080; font-size: 1.5em;">7</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">8</p>	<p style="color: #800080; font-size: 1.5em;">9</p>	<p style="color: #800080; font-size: 1.5em;">10</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">11</p>																																																																																											
<p style="color: #800080; font-size: 1.5em;">12</p> <p>Massillon Radio Net - 3599.5 kHz, 2000 Mother's Day</p>	<p style="color: #800080; font-size: 1.5em;">13</p>	<p style="color: #800080; font-size: 1.5em;">14</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">15</p> <p>VE Test Session, Pioneer AR Fellowship, 1830, Ctc: Joan, 330-730-7765, Firestone Park Community Center</p>	<p style="color: #800080; font-size: 1.5em;">16</p>	<p style="color: #800080; font-size: 1.5em;">17</p> <p>Dayton Hamvention, Dayton ARA, Xenia, OH, Ctc Henry, 937-232-9272 West Stark Info Net - 147.180 at 2000</p>	<p style="color: red; font-weight: bold;">18</p> <p style="color: red;">Armed Forces Day</p> <p>Dayton Hamvention, Dayton ARA, Xenia, OH, Ctc Henry, 937-232-9272</p>																																																																																											
<p style="color: #800080; font-size: 1.5em;">19</p> <p>BD K8CP Dayton Hamvention, Dayton ARA, Xenia, OH, Ctc Henry, 937-232-9272 Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 1.5em;">20</p>	<p style="color: #800080; font-size: 1.5em;">21</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">22</p>	<p style="color: #800080; font-size: 1.5em;">23</p> <p>VE Test Session, Cuyahoga Falls ARC, 1830, James, 330-929-9021, Cutahoga Falls Library</p>	<p style="color: #800080; font-size: 1.5em;">24</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-size: 1.5em;">25</p> <p>VE Test Session, Stark County Area VE Team, 0830, Ctc: Rex, 330-832-0609, Emergency Mgmt Agency, Stark County Sheriff Office/EOC</p>																																																																																											
<p style="color: #800080; font-size: 1.5em;">26</p> <p>Massillon Radio Net - 3599.5 kHz, 2000</p>	<p style="color: #800080; font-size: 1.5em;">27</p> <p style="color: red;">Memorial Day (Observed)</p>	<p style="color: #800080; font-size: 1.5em;">28</p> <p>BD WB8HHP Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.5em;">29</p>	<p style="color: #800080; font-size: 1.5em;">30</p> <p>BD KA8ZQH</p>	<p style="color: #800080; font-size: 1.5em;">31</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p>Upcoming Events:</p> <p>6/1 - Breezeshooters ARC Hamfest, Prospect, PA</p> <p>6/15 - Milford Hamfest, Owensville, OH</p> <p>6/22 - 6/23 - Field Day!</p>																																																																																											

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

FIRST CLASS MAIL

TO:



85 Years in existence 1927-2012

VISIT US ON THE WEB AT; <http://www.w8np.org>



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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 7.30 PM at the Massillon Senior Citizens Building at 39 Lincoln Way West, Massillon, Ohio.