



FEEDBACK

VOLUME 55 ISSUE 11

NOVEMBER 2010

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**MRN Net Tue, Thur & Sun
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--- SHORT SKIP ---

Here it is National Turkey month. Time to re-evaluate our overdue antenna work or just defer it to later.

It's also time to contemplate out wishlist to dear Ole Santa.

And hey Bunkey, how's come wrong numbers are never busy?(HI)

73 de WB80WM

NOVEMBER MEETING

The meeting for the month of November will be held at the Massillon Senior Center on November 5th, 2010 at 8:00 PM.

We sure will have plenty to talk about at the meeting. MARC Hamfest will be a great memory and we will find out just how well we did and how well our vendors did as well. Hopefully everyone had a great time and look forward to next year's Hamfest 2011 !

Can it be that time already? Nominations for next year's Officers will be taken at the November meeting. Elections will take place at the December meeting. We will take nominations for Vice President, Secretary and Treasurer plus we will need to elect one new Trustee, for a 3 year term. Coming off his 3 year Trustee term is Rich Ross KA8ZQH. Do you know anyone who would make a great Officer? Nominate them in November ! See you at the meeting !!

NOVEMBER PROGRAM

Well I guess it's my turn. VP Wade, WD8MIU, corralled me into doing the program for the month of November. I am calling it " So You Want To Work DX? " It is mostly about the how' why's and about the tools necessary to be a successful DXer.



Now for some background that "qualifies" me as an "authority" on DXing. I have been licensed since 1980 and as a Novice I was rudely introduced into the "world of DXing". My very first contact was a station signing a "G". I didn't know what it meant but I worked him on 15 CW. I thought the G stood for Georgia or something! I Soon learned what all those funny letters stood for and now 328 confirmed countries later, I guess I found out !

73's de Gary WC8W

MARC MINUTES October 1st, 2010

The Massillon Amateur Radio Club monthly meeting was held at the Massillon Senior Center Friday October 1st, 2010 with 24 members and guests in attendance.

Bryon KF8UN made the motion to suspend the reading of the minutes and accept them as printed in the Feedback. Mike KD8ENV seconded it. Motion passed

Gary WC8W gave the treasurer's report.

Wade WD8MIU gave the V.P. report on various newsletters, and upcoming hamfests. Washington PA WACOM Hamfest sent us a pair of tickets.

Committees:

Hamfest – Terry gave a report on table sales. Igor will head the security. Rick and Byron will do auction check in.

Old Business

Another discussion on fund raising.

Report was given on the Akron Marathon that was held last Saturday.

New Business:

Igor volunteered to take over the ticket addresses database.

Friday night NET has been restarted.

CW Sweepstakes – Byron will help in the shack.

50/50 was won by Peggy W8PNT for \$20.

Minutes by Dan N8DZM

Parade

HO HO HO, It's me again...Santa Hello Santa's helpers... grab your HT's (and charged batteries) and sign up for the 2010 event to occur Saturday, November 20.

Assembly time will be 8:00 a.m. for decorating the club trailer and no later than 8:30 for getting your assignment packets. Same location: 8th Street NE, north off Lincoln Way East.

As before, about 14 needed for assembly and 6 or more for Parade Marshall duty. (the "enforcers!"):)-
And one to assist the TV truck, of course.

See ya at the meeting,

... HOLIDAY PARADE ...

Our last scheduled public service event of the year is of course the annual Massillon Holiday Parade. This year's parade is on Saturday, November 20th and we normally need about 20 volunteers to assist with parade staging, Cable TV support and general communications for the 80 plus units that generally make up the parade. The club has been a part of this parade for over 35 years making it one of the longest public service events handled by the club.

As in previous years we expect to have the club's EComm Trailer as one of the parade units to remind everyone of our continued support to our community, Club member Perry Ballinger, W8AU is communications coordinator for the parade again this year and is still looking for volunteers to join us on parade day. A sign up sheet will be passed around at the November meeting in case you were missed at an earlier meeting. Please consider helping us and your community by volunteering to help with this event. It's a great way to get in the holiday spirit by welcoming Santa Claus to town. Don't forget we normally get together after the parade at one of our local restaurant's for a late breakfast or early dinner.

If you don't make the club meeting contact Perry directly at (330) 832-8612 or by email to w8au@sssnet.com. We will gather downtown around 8:30 AM to decorate the trailer and begin assembling the parade units. Communications will take place on 2 meters either simplex or the club's 147.18 Repeater. Don't forget your handheld !

... FT WAYNE HAMFEST ANYONE? ...

Again this year due to the date of the Holiday Parade we get another opportunity to attend the Ft Wayne Hamfest and Computer Expo the weekend of November 13 – 14 at the Allen County Coliseum in Ft Wayne, Indiana. This hamfest comes nearly six months to the day after the mighty Dayton Hamvention and is a great way to end out the 2010 hamfest season. At over 900 tables and over 100,000 square feet of exhibitor space, it is a really nice hamfest. It continued to downsize last year but still has lots of great stuff on display. It still will include several forums, exhibits including commercial vendors and dealers offering Alinco, Ameritron, MFJ, Yeasu plus many others.

Hours are 9 AM till 4 PM on Saturday and from 9 AM till 3 PM on Sunday. Admission is \$6.00 per person but is good for both days or just \$4.00 on Sunday. A full 2 page flyer is available on their website at www.acarts.com or use www.fortwaynehamfest.com.

I have been a regular attendee at this hamfest for many years when our local Holiday Parade schedule worked out for us. I hope some of us can attend again this year, it always depends on schedules and of course weather can be a factor

as well but I've seen us brave the trip on some pretty nasty days.

Check with us at the November meeting to see who may be going and perhaps we can get a car full of folks. If you haven't made a hamfest in a while consider joining us for a visit this year to Indiana's largest ham radio, computer & electronics flea market !

... OHIO ARES CONFERENCE ...

The ARRL Ohio Section held a combined ARES/Section Conference on Saturday, October 16th in Columbus at the Educational Service Center which is a great facility for the conference.

This year I along with club member Don Wade, W8DEA attended the conference which was very well attended with well over 100 attendees representing over 27 Ohio counties. Along with reports from Ohio's Section Cabinet, the meeting included several presentations covering Digital Communications, Digital TV, Social Media used in Amateur Radio and a very interesting report on Air Base Emergency Management.

An update was also given on Ohio House / Senate Bills 212 & 218 by our State Government Liaison Nick Pittner, K8NAP.

Perhaps we can give a recap of the high points at the club meeting.

... ARRL NOVEMBER CONTESTS ...

Are you in the mood to do a little contesting ? Then consider giving November Sweepstakes a try. Sweeps, as it is commonly know is a great opportunity to get on the air and work both US and Canadian stations. Sweepstakes can be a lot of fun for both new and not so new hams.

The contest exchange is fairly substantial and involves more than the usual five-nine signal report and your location. To qualify as a complete contact operators must exchange a serial number, category, callsign, check number and ARRL Section. The exchange is one of the longest in Amateur Radio contesting and has it's roots in the early 1930's when actual messages were sent as part of the competition. This makes for some good fun and great practice for emergency communications and message handling.

The CW Sweepstakes will be held the weekend of November 6 – 7 with Phone on the weekend of November 20 – 21. Complete details are included in the November issue of QST. We may even activate the club station for one of both of the contests, it will be decided at the club meeting.

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

73's
Terry – N8ATZ

ARRL NEWS

Dissolution of Netherlands Antilles Creates Four New DXCC Entities

Date: Thursday, October 14, 2010 10:30 AM

SB DX @ ARL \$ARLD042

ARLD042 Dissolution of Netherlands Antilles Creates Four New DXCC Entities

ZCZC AE42

QST de W1AW

DX Bulletin 42 ARLD042

From ARRL Headquarters

Newington CT October 14, 2010

To all radio amateurs

The dissolution of the Netherlands Antilles has caused changes to the DXCC List. As per the DXCC rules, the two Netherlands Antilles DXCC entities will be deleted and moved to the Deleted Entities List.

Four new entities will be added to the DXCC List: (1) Curacao; (2) Sint Maarten; (3) Saba and St Eustatius, and (4) Bonaire. The event date and time for these changes was 0400 UTC, October 10, 2010.

Confirmations for these new entities will be accepted for credit starting January 1, 2011. Other administrative changes and actions will be announced as they are finalized.

NNNN
/EX

From: "ARRL Members Only Web site"

Dave Maynard, WA3EZN appointed new Section Traffic Manager for Ohio

Date: Thursday, October 14, 2010 11:53 AM

He is an active member of the Ohio Single Side Band Net, the Central Ohio Traffic Net, and the Eighth Region Net. He is also an Official Relay Station. Now Dave Maynard, WA3EZN is the new Section Traffic Manager for the Ohio Section, taking the duties over from John Tipka, W8UL, who is retiring from the STM appointment after 3 years of service in that role.

Dave brings a lot of experience to the STM position. Active in ARES in Lucas county in the 1980's, Dave became active in the OSSBN. His interest in public service and emergency communications has stayed with him when he relocated to the Hilliard (Columbus) area in 1995, where he still resides with his Wife. Dave is a graduate of Levels 1 and 2 EmComm program, and is currently working on requirements to complete the EC-016 EmComm Management Course.

Dave will be attending the Ohio Section Conference this Saturday, October 16th. Please be sure to welcome him to his new duties in the Ohio Section.

73, Frank KI8GW

ARRL Ohio Section

Section Manager: Frank J Piper, KI8GW

ki8gw@arrl.org

KB6NU's Column for October 2010 Date: Sunday, October 31, 2010 9:18 PM

Zen and the Art of Radiotelegraphy By Dan Romanchik, KB6NU One thing that I find amusing about Morse Code is that the more people claim that it's dead, the more people there are that rise up to defend and promote it. Note that I said "defend and promote it," not actually use it, but that topic is for another column.

Having said that, let me direct you to a new tome on our ancient art, Zen and the Art of Radiotelegraphy by Carlo Consoli, IK0YGJ. This book is available as a free download in the original Italian (http://www.qsl.net/ik0yggj/enu/ZART_ita_v20100826.pdf) and in an English translation (http://www.qsl.net/ik0yggj/enu/ZART_r20101008m.pdf).

What makes this book different from others is that instead of concentrating on the mechanics of learning and using Morse Code, the author spends a good deal of time talking about the psychology of learning this skill. To succeed in learning Morse Code, Consoli advises that we need to change our approach to learning:

"When learning CW, therefore, we must establish a new component in our self-image and, when doing so, we need to be relaxed. Always practice during the same time of day and in a place where you can experience positive feelings of comfort and pleasure. When we make a mistake we are always ready to blame ourselves. This is the way we learnt from our environment during childhood, often accepting any fault as our own error or weakness.

This potentially destructive mechanism can be used to build a positive self-image, rather than demolish it. A mistake must be considered a signal, pointing us in the right direction. If you fail, let your mistake pass away, with no blame or irritation. Learn CW in a relaxed mood, enjoy the pleasure of learning something new, repeat your exercises every day and be confident in the self-programming abilities of your self-image. Just a few minutes a day: you can take care of your

'more serious' stuff later on."

Consoli also has some interesting things to say about getting faster. He agrees with me that it's essential to abandon pencil and paper and start copying in one's head. We also agree that at this point, you need to start using a paddle instead of a straight key.

He has analyzed the situation a lot more than I have, though. When hams ask me how I learned to copy in my head, all I can do is to relate my own experience, which is that one day, I just went cold turkey. I put down the pencil and paper and never copied letter-by-letter ever again.

Unfortunately, that doesn't seem to work for a lot of operators. If that doesn't work for you, Consoli says that what you need to do is to program yourself to copy in your head. You do this, he says, by relaxing and visualizing. Visualize yourself as a high-speed operator, and one day, you will be one.

That seems to have worked for him. He is a member of the Very High Speed Club (VHSC), First Class Operator's Club (FOC), and has been clocked at copying over 70 wpm.

Will it work for you? I'm not sure, but if you haven't been successful with other methods to improve your code speed, then Consoli's methods are certainly worth a try._____

_____When not pondering the psychology of operating CW, Dan actually operates CW. You'll find him almost every day on either 40m, 30m, and as we transition to winter here in North America, 80m. You can e-mail him with comments or questions at cwgeek@kb6nu.com.



Here's a heads-up for you and members:

The *Radio Shack* part of the "Electronic Service" store in Minerva is being shut down. The owner also sells appliances, carpeting installation, etc. He told me he doesn't want to do business with Radio Shack anymore.

SO, all Radio Shack merchandise is 50 percent off and some is even 70 % off. He had tons of stuff that experimenters / hams might want.

Connectors, power supplies, batteries——tons of stuff. I have been in there many times lately——just bought a 7AH sealed rechargeable battery for \$17.50. When the stuff is gone, it's over.

INFO: "Electronic Service"

820 E. Lincoln Way,

Minerva, Ohio

Phone: 1-330-868-4264

The store is on Route 30 (Lincoln Way), east of the Huntington Bank and Dari-Queen and on the north side of the street.

Check it out!

73, Bob Comer WA8LVY

Magnolia, Ohio.

Editor's Note: This article was sent to me earlier in the month of October--- so perhaps most or all the merchandise has already been sold. A phone call may save you a trip.

AMATEUR RADIO AND GOODYEAR'S SEIBERLING FAMILY

This article quotes information contained in brochures available at Stan Hywet, Akron, Ohio. "Mr. F.A. Seiberling and his brother, C.W. founded The Goodyear Tire & Rubber Company in 1898. F.A. Seiberling and his family lived at Stan Hywet from 1915 to 1955."

A recent tour of Stan Hywet revealed that the youngest son of the Seiberling Family, Franklin Augustus had an interest in Amateur Radio. Noted in one of the second floor rooms was a table with an earliest design of a crystal radio. The brochure states: "Franklin was very interested in ham radio operation as a hobby and to support his interest, the family set up part of a third floor storage room as a radio room." Note the following layout: location slightly above #6, the yellow arrow points to the 3rd floor storage room/radio room.



In the one windowed radio room, there are several receivers and parts. A beginning of a wooden frame transmitter around 1930's vintage was sitting on the desk facing the window. There were no wires attached, but the front panel with meters was installed. A QSL card with the call letters 8AHF was on the desk with an address of Portage Path, Akron, Ohio listed on the card, along with receiver, transmitter, and antenna information. A paid guided tour is necessary to see the "Radio Room".

73 DE MIKE, WA8MKH

Exploring Rechargeable Batteries

by Peter Parker VK3YE

(first appeared in Amateur Radio, December 1999)

Rechargeable batteries: They're used everywhere, and there's many different brands and types. Almost every amateur has their own opinions on the merits of different types and the best ways to look after them. Here we examine the main types available and their suitability for various equipment amateurs use.

How rechargeable batteries work

Batteries convert stored chemical energy into electrical energy. This is achieved by causing electrons to flow whenever there is a conductive path between the cell's electrodes.

Electrons flow as a result of a chemical reaction between the cell's two electrodes that are separated by an electrolyte. The cell becomes exhausted when the active materials inside the cell are depleted and the chemical reactions slow. The voltage provided by a cell depends on the electrode material, their surface area and material between the electrodes (electrolyte). Current flow stops when the connection between the electrodes is removed.

Rechargeable cells operate on the same principle, except that the chemical reaction that occurs is reversed while charging. When connected to an appropriate charger, cells convert electrical energy back into potential chemical energy. The process is repeated every time the cell is discharged and recharged.

Different cells use different electrode materials and have different voltage outputs (1.2, 1.5, 2 and 3.6 volts for the types discussed here). Higher voltages are possible by connecting cells in series. A set of several cells connected together is called a battery. However, because lay people do not distinguish between a 1.5 volt cell and a 9 volt battery (which comprises several cells), the term battery is widely used for both batteries and cells.

The capacity of cells is expressed in amp-hours (Ah) or milliamp-hours (mAh). The approximate time that a battery will last per charge can be found by dividing the battery pack capacity (normally written on the battery pack itself) by the average current consumption of the device. Thus a 600 mAh battery pack can be expected to power a receiver that takes 60mA for 10 hours.

Cells can be visualised as consisting of a cell with a resistor in series. You won't find an actual resistor should you split open a battery pack, but the effect is the same.

Sealed lead acid batteries should not be charged at voltages higher than those indicated as safe above. This is because high charging voltages (eg 2.6 volts per cell) will endanger the battery due to the production of excess gas. At a 13.8 volt charging voltage the production of gas is low, and the battery should give years of service. **Charging current should not exceed 20 per cent of the rated amp hour capacity of cells.** If using a high current 13.8 volt power supply as a charger, some form of current limiting is desirable to stay within the battery's limits.

Conclusion

This article has examined the characteristics of all major types of rechargeable batteries used by amateurs. We learned that NiCads and sealed lead acid cells were best for high current applications, while other varieties, such as rechargeable alkaline and nickel metal hydride work well for low current applications. The charging of batteries varies too - Rechargeable alkaline and sealed lead acid required a constant voltage, but nickel cadmium and nickel metal hydride cells needed a constant current to charge properly. In all cases over-charging, through excessive voltages, currents or charging periods can cause heating, gas build-up and possible cell damage. However, if you treat your batteries well, you should have many years of successful operation from them, whichever type you choose.

Acknowledgments

I wish to acknowledge the people and organisations who have contributed to the writing of this article. These include:

The late Bill Trenwith VK3ATW for suggestions on the manuscript and imparting of knowledge gained through many years as a mechanics teacher, model engineer and radio amateur.

Peter Wegner from Coorey & Co, distributors of BIG rechargeable alkaline cells.

Danielle Cvetkovic from Invensys Energy Systems Pty Ltd for material on Hawker sealed lead acid batteries.

Adeal Pty Ltd for information on Varta's range of NiCad and NiMH cells.

References

1. Hawker P G3VA, Technical Topics Scrapbook 1990-1994, RSGB, pages 1, 16, 142

MARC HAMFEST PICTURE PAGE



Table Sales--- The Club ladies take over !



Action at the Auction



VE Check-in crew
VE Team has a 100% passing rate this session !



The Club Table
Headed this year by Scott & Steve. Great Job Guys!



Always a popular spot Marvin's badges !



The Marines have landed !
Actually CAP members Charlie, KB8STV Don, W8DEA and Jeff, KC8CFM of Squadron # OH-0275

November 2010

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																															
	<i>1</i> BD KC8IHR	<i>2</i> Election Day Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>3</i>	<i>4</i> Massillon Radio Net - 3599.5, 1930	<i>5</i> Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000	<i>6</i> BD N8LCS																																																																																																															
<i>7</i> Daylight Savings Time Ends - 0200 Massillon Radio Net - 3599.5, 1930 WACOM Hamfest, Washington County Fairgrounds, Washington, PA	<i>8</i>	<i>9</i> Massillon Radio Net - 3599.5, 1930 Stark County ARES Net on 147.12 at 7:00 PM	<i>10</i>	<i>11</i> Massillon Radio Net - 3599.5, 1930 Veterans Day	<i>12</i>	<i>13</i> Fort Wayne Hamfest & Computer Expo, Ctc 260-579-2196																																																																																																															
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MASSILLON AMATEUR RADIO CLUB
P.O. BOX 73
MASSILLON, OHIO 44648

FIRST CLASS MAIL

TO:



75 Years in existence 1927-2002



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

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