



FEEDBACK

VOLUME 54 ISSUE 9

SEPTEMBER 2009

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**MRN NET Tue, Thur & Sun
7:30 PM 3.600 MHz**

**CLUB REPEATERS
147.18 & 442.850 MHz**

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--- SHORT SKIP ---

Where has this year gone ? Kids back in school, cool football evenings, 40 meters DXing, good ole September. Oops, almost forgot deferred antenna work due. Bring me my climbing belt Bunkey. But then again, we could put all that off until later, let's just enjoy fall

73 de WB80WM

SEPTEMBER MEETING

The meeting for the month of September will be held on September the 4th at 8:00 PM; of course at the "ole Massillon Senior Center" in downtown Massillon, Ohio.

This month we will be back to "business as usual" after last month's captivating visit by Mr. Jim Weaver, K8JE, the ARRL Great Lakes Division Director. At this time I do not believe we will have any program scheduled. However I'm sure we will have a busy night never - the - less as we must begin to plan for the Akron U concession stand fund raiser and I'm sure the officer's will want to get a good start on the hamfest coming up November 1st, 2009. As Short Skip says in his column above " where has the year gone"?

With the comming of September we all must remember that the kiddies are now back in school and school busses will be out in force so remember to stop and give those busses plenty of room to operate. It's the Law!

See you at the meeting !

MARC HAMFEST

This short column is basically for our readers that are not necessarily members of the club and likewise a reminder for club members. The date for MARC Hamfest 2009 will be November 1st, 2009. The date has actually changed from the last Sunday in October to the November 1st date as to coincide with the Massillon - Mickinley Football Game. The Hamfest will be held at the Massillon Boys and Girls Club, 730 Duncan Street SW, Massillon, Ohio. Doors will open to the public at 8:00 AM. All members of the club who are scheduled to participate are asked to be there around 5:00 AM to help the vendors get set up and to make sure everyone has an entrance ticket so we don't have any confrontations. This of course includes all MARC members who also must have a ticket.

We will have a VE Exam at the hamfest. I changed the date in QST & ARRL Ohio Section News; VE Exam List. Perhaps with this change in dates, maybe I can work the ENTIRE (well-- most of) CQ World Wide DX contest this year !

MARC MINUTES August 7th 2009

The Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 24 members and guests present (signed-in). Please remember to sign in.

The Pledge of Allegiance was given and a round of introductions made.

Jim Weaver, K8JE, ARRL Great Lakes Division Director gave a presentation to the club for being affiliated with the ARRL for 75 years. He also spoke about ARRL happenings.

A motion to approve the minutes as printed in the Feedback was made by Steve KD8ACF and seconded by Sarah KC8ZCS. Motion Passed.

Joe gave the Treasure's report.

Carl gave the VP report various club newsletters, Magazines and hamfests. Cuyahoga Falls is having a Hamfest August 9th.

Committees –

Field Day – Gary finally gave the field day report. We did not do as good as last year but we had more fun.

Akron U fundraiser – There will be a concession training session Tues August 11th.

Old Business

Jim WA8GXM has the manual for the vertical antenna that Joe donated so that it can be installed.

New business

Hamfest prizes were voted on with a motion from Don W8DEF and seconded by Gary WC8W to have a Yaesu FT8900 mobile as first prize, MFJ 269 Antenna Analyzer for second and two HTs for 3rd and 4th prizes.

No 50/50 drawing.

Minutes by Dan N8DZM

... August ARES Update ...

August was a busy month for Stark County ARES operators as well as several radio clubs as they participated in several community service events. The HOF Festival during the week of Aug 1st saw us assist with both the Community Parade and the Timken Grand Parade. Over 55 radio operators participated in these two events, more than any previous year. Over 260 public service hours were generated during the festival, a new record.

The following week was the Alliance Carnation Festival and the Carnation Triathlon Event which was handled by the Alliance Amateur Radio Club. Eight radio operators participated in this annual event which generated nearly 32 hours of community service.

The full details of all these events are currently posted on the Stark County ARES website at www.wd8aye.net. I encourage you to visit the site to read about the great participation by all of Stark County amateur radio operators during these two great summer community events!

... September Events ...

The month of September will also be busy with several radio events occurring. On Thursday, Sept 10th Stark Co ARES will hold their Fall General Meeting again at the Stark Co EOC Office. During this meeting our tentative special guest will be Ohio Section Emergency Coordinator John Sovik, KB8WPZ who will give us an update on the ARES program. Meeting time for this will be from 7:00 – 9:00 PM. All are welcome to attend.

Then on Saturday, Sept 19th will be the Annual ARRL Ohio Section Conference in Columbus under the direction of our new Ohio Section Manager Frank Piper, KI8GW. This meeting will include reports from the Ohio Section Leadership including the announcement of this year's winner of the Ohio Newsletter Contest. Our own newsletter was the recipient of second place in last year's competition.

Summit County ARES is once again looking for volunteers to assist with the Akron RoadRunner Marathon which will be held on Saturday, September 26th. This is a large scale ARES event that usually needs over 40 radio operators. This is another great way to increase your ARES skills and help provide a great public service. Signup details will be posted on the Stark ARES website soon.

... Findlay Hamfest ...

The Findlay Hamfest will be held on Sunday, Sept 13th at the Hancock County Fairgrounds as it has been in previous years. Something new has been added to the event this year

called the ARRL Great Lakes Division Symposium that will take place on Saturday, Sept 12th before the hamfest.

The Symposium is intended to be an opportunity for hams to get together to exchange ideas and information. This years event will have an emphasis on providing information for the relatively new ham operator by giving an overview of some of the many new aspects of our hobby. Special presentations will include NASA Astronaut Tony England, QRP operating by noted QRP Operator Rev George Dobbs – G3RJV and VHF Experimenting by Rick Campbell – KK7B. Additional presentations are also scheduled. The event is free and food will be available. Additional information can be found on their website at www.findlayradioclub.org.

... Club Website Update ...

I noted in last month's column that we were in the process of adding a Search Engine to the club's website. Due to a heavy travel schedule, I haven't been able to devote as much time to it as I had hoped but now that some of my work travel has eased for now I am back working on the project. Look for it to be activated in the next few weeks.

That's it for this month, catch you next time.

73's
Terry – N8ATZ

LABOR
DAY

SEPT 7th



FALL BEGINS SEPTEMBER 22 !

“ARRL OH Section”
Thursday, June 11, 2009 12:58 PM
OHIO PRB-1 NOW HAS A NUMBER

OHIO HAMS ARE ASKED TO SUPPORT OHIO HOUSE BILL 212

The state legislation we have known as Ohio PRB-1 is now known officially as Ohio House Bill No. 212.

Lancaster Republican Representative Gerald Stebelton (05) and Carrollton Democratic Representative Mark Okey (61) put the tower protection bill into the Ohio House hopper officially Tuesday, June 9. Eleven other Ohio Representatives, six Republicans and five Democrats, are officially listed as co-sponsors. The complete list of the Representatives on board supporting amateur radio is at the end of this article.

Ohio State Government Liaison Nick Pittner, K8NAP, is the leader of this effort, with District 7 DEC Steve Katz, N8WL, serving as project manager.

Now the work truly begins, said SGL Nick. “We need to have hams contact the remaining 86 members of the Ohio House to possibly be co-sponsors but at least be supporters of HB No 212,” he said. Nick added that we are working toward having the bill be assigned to the Homeland Security Committee.

Beginning Saturday, June 13, when you read this on the Ohio Web Site - www.arrloho.org - you will find two lists added to the story. These lists will help you find who your representative is - representatives by name and by zip code.

Remember when you contact your representative, here are the main points to stress:

- (1) Getting as many co-sponsors is the whole ball game. It is the difference between our bill getting cuffed around in committee or, as we wish, move quickly through the committee, and on the main floor.
- (2) This is a bipartisan bill, relates to homeland security, and is generally already part of Federal law.
- (3) Some 31,000 Ohio hams are watching this process and will appreciate its passage.
- (4) Some 25 states have already done this.
- (5) It does not cost any money.

Here are the members of the Ohio House of Representatives who are already sponsoring Ohio House bill 212:

Sponsors
 Rep. Gerald Stebelton, Lancaster, (05) R
 Rep. Mark Okey, Carrollton (61) D
 Co-Sponsors
 Rep. Richard Adams, Troy (79) R
 Rep. Danny Bulp, Winchester (88) R
 Rep. John Domenick, Smithfield (96) D
 Rep. Cheryl Grossman, Grove City (23) R
 Rep. Matt Huffman, Lime (04) R
 Rep. Tom Letson, Warren (64) D
 Rep. Todd Snitchler, Uniontown (50) R
 Rep. Brian Williams, Akron (41) D
 Rep. Roland Winburn, Dayton (40) D
 Rep. Kenny Yuko, Richmond Hts (07) D
 Rep. Jim Zehringer, Ft. Recovery (77) R

ARRL Ohio Section

Section Manager: Joseph J. Phillips, K8QOE

k8qoe@arrl.org

PREZ SEZ

Another soggy month is almost gone. I am not getting much use out of my scooter, oh well. KC8ZWG is healing just fine and has already went back to work on more or less “lite duty”.

The program for next meeting will be a surprise for me as Carl has not told me what is it. Speaking of Carl, I hear he is quite busy taking care of his wife Susan. She just had a total knee replacement and is now at home. Carl said he might even get his tower hole dug since he took a weeks vacation to play “nursemaid”. I think that would be the joke of the year if he ever gets it dug. Hey Carl, I hear the price for Texas Towers has risen at the junk yard, hi hi.

I think maybe a tower hole digging party might be in order?????

We will be looking for a replacement Trustee at the next meeting due to a work schedule change. Any volunteers?

I really want to thank Jim Weaver for the ARRL 75 year affiliation presentation. Also; Big Thanks to Carl - AB8CC - for running the meeting as I was tied up with “Mama duties”.

ENUF for now, see you all at the September 4th meeting.



73's de KA8FTS -
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ARRL NEWS

HPM/140 BIRTHDAY CELEBRATION EVENT COMING NEXT MONTH

The Hiram Percy Maxim Birthday celebration is back! This year, the ARRL is honoring the 140th anniversary of the birth of the League's first president and cofounder. Hiram Percy Maxim, W1AW, was born September 2, 1869 and died February 17, 1936, in a Colorado hospital of complications stemming from a throat infection; his widow died just nine days later.

The operating event is open to all amateurs, and the goal is straightforward: Find the stations adding /140 to their call signs, and contact as many as possible during the event period, September 2-9. Who is eligible to sign /140? ARRL members who hold ARRL appointments, ARRL elected volunteers (such as ARRL Directors and Section Managers), ARRL Life Members, ARRL Headquarters staff and VEs, AECs, QSL bureau workers and awards managers (who are ARRL members). The complete list of eligible positions can be found on page 20 of the September 2009 issue of QST. If you work at least 25 /140 stations, an attractive certificate can be yours! The certificate can be endorsed in increments of 25 QSOs, up to 100.

Time Period: 0000 UTC September 2 until 2400 UTC September 9.

Exchange: All stations signing /140 send RS(T), their appointment and their name; others send RS(T) and their name.

Eligibility: All amateur stations may participate. ARRL Life Members, and those persons holding ARRL appointments, elected positions or ARRL

HQ staff, may add /140 to their call signs for the duration of the celebration. Volunteer Examiners, Assistant Emergency Coordinators, QSL Bureau workers, Registered Instructors and Awards Managers who are ARRL members are also invited to participate.

Miscellaneous: /140 stations may be contacted on any band or mode for credit. You can work a station once per band and mode. Repeater contacts are valid for credit, but please be considerate of the users during a repeater's busy periods. All /140 stations are encouraged to be as active as possible on local repeaters and nets. The certificate is available for making at least 25 contacts with /140 stations, with endorsement increments of 25, and a maximum endorsement of 100. To receive the award, send in a log extract with the date, time, band, call sign worked and exchange for each /140 contact. Include your name, call sign and address, and tell us how many /140 stations you worked. Mail everything to HPM/140 Celebration, c/o W1AW, 225 Main St, Newington, CT 06111-1494. You can also send in your entry on

a disk or CD in regular text format. All entries must be accompanied by a check or money order for \$5 (US) payable to ARRL. Please make sure your entry is postmarked by October 9, 2009.

THE LOCAL CLUB RESOURCE

Norm Fusaro, W3IZ, shares his views on how clubs play an important role in Amateur Radio. Fusaro is Assistant Manager of the ARRL's Membership and Volunteer Programs Department. He is also the ARRL Affiliated Club/Mentor Program Supervisor.

I am very fortunate to be in a position at ARRL which allows me significant interaction with our members. It is very fulfilling to be able to put a smile on someone's face by helping them find a solution to their problem, regardless of the complexity. Sometimes it is not possible to be as helpful over the telephone or with e-mail, so I will try to direct the individual to a local club where they may be able to get some side-by-side coaching. The local radio club is without a doubt the place where most of us received our ham radio education. The club is where we learned the jargon and techno-speak used on the air and where we met folks to emulate and folks whom we swore we would never be like.

Everything that we know about ham radio that didn't come from a book was probably learned at club meetings or late night Field Day chats over burnt coffee. Personally, I have made many longtime friendships from my involvement in local radio clubs and I am sure many others can say this as well.

Clubs, by definition, are groups of like-minded people who share a common interest. In reality a club is an eclectic assembly of individuals, each with a unique perspective of their activity. The dynamic of a club is no different than that of a large family. Think of your last family get-together and then take a look at your radio club.

If everybody was the same, life would be very boring. In every club, there is the usual cast of characters who add their distinctive flavors to the stew and make things interesting. It is diversity that makes a club work well. I have seen that no matter how varied the personalities are in a club, most of these personalities are also eager to help. Helping each other is characteristic of radio amateurs.

How often have you experienced something like this? Two hams will be in QSO — perhaps discussing an antenna installation or radio repair — when another radio operator will break in with a helpful suggestion.

This situation may have happened to you, or you may have even been the breaking station. The same thing happens (or should happen) at club meetings. If you need help with something, the closest resource is your local club. On the surface, the club may appear to be dysfunctional, but

once you are involved, you will find that it is actually very productive.

The Pareto principle, commonly known as the 80-20 rule is a simple expression that 80 percent of the effects come from 20 percent of the causes. As applied in the business world, this would be 80 percent of the sales are driven by 20 percent of the customers. In a club, the percentages may be slightly different, but the fact remains that a small percentage of the membership is responsible for making things happen.

This is not to suggest that 80 percent of the members do not participate, but without a “sparkplug,” some things would never get started. These people are the doers. The doers don’t take no for an answer and are always willing to take on more responsibility. But where is the fun in jump-starting a project without someone telling you it would never work? Of course, it would be much more fun without the negative comments, but that goes against human nature. Ever since man tried to open a coconut with a rock, someone was right beside him offering a thousand excuses why it won’t work: “You’ll smash your thumb.” “The rock will break.” “You should invent a wheel and roll it over the coconut.” “Let’s just eat the bananas.” The cynics of the world are an essential part of society — and of our clubs. They challenge us and make us work harder to prove them wrong. Learn to accept these people but never let them distract you from moving forward.

You only get as much from a club as you put into it. A majority of the club bashers tend to be long time hams with a “been there, done that” attitude, asking what a club has to offer them for them. To borrow from President John F. Kennedy, “ask what you can do for your club.” Of course, we took more than we had to offer when we were younger and inexperienced. But over the years, we have gathered knowledge that we can share with the newcomers. Based upon my countless interactions with hams of all levels of experience, the novice has much to offer the old-timer, even if it is just reliving the joy of discovery. The local radio club has something for everybody who is willing to get involved.

Don’t know where your local club is? Use the ARRL Affiliated Club search
<<http://www.arrl.org/FandES/field/club/clubsearch.phtml>>. You can reach Fusaro by e-mail: w3iz@arrl.org.



ARLP034 Propagation de K7RA

(Excerpts from K7RA’s ARRL website)

The quiet sun continues to baffle us. If there are no sunspots today, and I don’t expect any to emerge, this will be the forty-second day in a row with no sunspots. July 10 was the last day we saw any spots. There is really no way to predict when the next sunspot will appear. If we see no sunspots through the end of the month, then nearly 80 percent of 2009 so far will have been spotless.

Unsettled to active geomagnetic conditions were predicted for August 19, with a planetary A index of 20, lowered to 15 by August 17. As seen at <http://www.swpc.noaa.gov/ftpdir/indices/DGD.txt>, the planetary A index rose to only 10 on August 19 and 11 on August 20. The current prediction from the NOAA Space Weather Prediction Center shows a predicted planetary A index of 5 for every day through the end of August. Geophysical Institute Prague also predicts quiet and stable geomagnetic conditions through the rest of the month.

The summer sporadic-e season appears over, or at least there were no reports this week. There is a shorter, less intense winter sporadic-e season, and December’s ARRL 10 Meter Contest often benefits from that mode.

George Munsch, W5VPQ, who lives in Medina County just west of San Antonio, Texas (EL09ok) sent comments responding to Pat Dyer’s (WA5IYX, who is about a dozen miles east of W5VPQ, in EL09ql) remarks about digital vs. analog television as VHF propagation indicators.

George wrote, “I have not had the pleasure of meeting Pat Dyer, but have followed his exploits on monitoring commercial signals for many years. Some early background on TV allocations may give some perspective.

NNNN
/EX

The ARRL Letter is published Fridays, 50 times each year, by the American Radio Relay League: ARRL—the national association for Amateur Radio, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259; <<http://www.arrl.org>>. Joel Harrison, W5ZN, President.

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(Ed Notes: The preceding ARRL Letter & Propagation news are only excerpts. For complete listings go to ARRL web site, www.arrl.org ; News/Bulletins)

KB6NU's Column

Date: Monday, August 24, 2009 11:09 AM

====Passing the Tech Test By Dan Romanchik, KB6NU

I teach One-Day Tech classes. At the start of each class, I go over the following to help focus students on what to keep in mind when taking the test. It occurs to me that these are good tips no matter who is taking the test, so if you know someone who will be testing soon, please feel free to pass along this advice.

Technical Topics
The Tech test is not very technical, but there are three technical topics that you need to know: * Ohm's Law, * how to calculate power, and * the relationship between frequency and wavelength.

Ohm's Law
The basic formula for Ohm's Law is voltage (E) equals current (I) times resistance (R), or $E = I \times R$. On the test, there are several questions where they give you two of the values and ask you to calculate the third. If you're asked to calculate the current, you use the formula, $I = E / R$. If you need to calculate the resistance, use the formula $R = E / I$.

How to Calculate Power
The formula for calculating power is power (P) = voltage (E) times current (I), or $P = E \times I$. To calculate the current drawn, when given the power being consumed and the voltage applied to the circuit, use the formula $I = P / E$.

Relationship Between Frequency and Wavelength
There are several questions that require you to calculate the wavelength of a signal or some fraction of the wavelength. The reason for this is that antennas are often a fraction of a wavelength. The formula that describes the relationship between frequency and wavelength is wavelength in meters = $300 / \text{frequency in MHz}$. One question asks for the approximate length of a quarter-wavelength vertical antenna for 146 MHz. To figure that out, you first calculate the wavelength: $\text{wavelength} = 300/146 = 2.05 \text{ m}$ or about 80 inches. One quarter of 80 inches is 20 inches, and the antenna will actually be a little bit shorter than that because radio travels more slowly in wire than it does in free space. The correct answer to this question is 19 inches. That's all there is to the technical part of the test!

Safety
There are lots of questions on the test about operating safely and being safe when working on antennas. My advice when answering these questions is to always choose the most conservative answer. The two exceptions are when asked what is the lowest voltage and current that can hurt you. For these questions, the correct answer is the second lowest choices.

Emergencies
There are lots of questions about what to do in emergencies. There are two things to keep in mind when answering these questions: * You should do whatever you can to help someone who is in an emergency situation. * You can even break the rules to help someone in an emergency situation. This includes operating on frequencies you are normally not allowed to operate on and communicating with other stations in other radio services.

Miscellaneous Tips Here are a couple of other miscellaneous

tips: * The answer is 'D.' If one of the answers to a question is, "D. All of these answers are correct," chances are that is the correct answer. There are 18 questions with this option, and of those 18 questions, there are only two questions—T3B06 and T5B03—where that is not the correct answer. * Long-Answer Rule. Where one answer is a lot longer than the other options, chances are that this is the correct answer. I haven't done an exhaustive study of this, but when one answer is very long, take a good, hard look at it. That's all I have. Good luck on the test!

-----When not helping people pass the Tech test and become good amateur radio operators, Dan likes to work CW on the HF bands and collect QSL cards from stations whose call signs spell words. To see what else he's up to, go to www.kb6nu.com====

FYI; For You're Information

MAPS Air Museum has a "garage" sale every Saturday. They are open 9-4; unless you want to set up a time. You can Email Allen at sewfly2@verizon.net or call the museum at 330/896-6332.

Thanks To Rick K8RIC for this information. Help support the museum !

FCC Hikes Vanity Fees; On August 11th, the FCC Ok'd the hike of \$ 1.10 increase in Vanity License fees. The cost will increase from \$ 12.30 to \$13.40.

Ohio State Parks On The Air: The Portage county Amateur Radio Service will once again hold the contest on Saturday September 12th from the hours from noon to 8:00 PM. Complete information about OSPOTA can be found at <http://parks.portcars.org>

MFJ Purchases Cushcraft : On August August 7, MFJ Enterprises announced they had purchased the Cushcraft Amateur Radio antennas product line from Missouri-based Laird Technologies effective July 31. "We are excited to have the Cushcraft Amateur Radio Antennas product line alongside our other five companies," said Martin F. Jue, President and founder of MFJ Enterprises, Inc.

Sun Spots Report: Here's a great web - site to go to for the "latest & greatest" in sunspot reporting: <http://www.spaceweather.com/>

MARC PICTURE PAGE

WC8W ANTENNA PROJECT



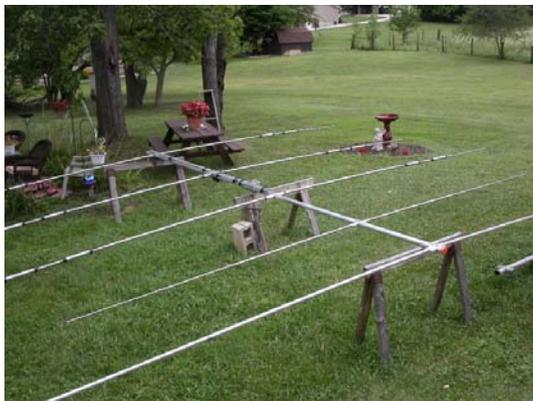
Start with base plate. 1" thick steel, 3' square with a 4'x4'x 5' deep concrete base. You can see where old tower stood as light spots on the base.



Same base repainted with the new T base/ tilt over mount installed. Holes for 1" anchor bolts had to be drilled & tapped.



The new tower arrives and is installed to the mount. Also installed is the tilt over mechanism called "raising fixture"



New Hy-Gain TH-5MK2; 5 element tri-band antenna completely assembled & tested. Sitting on saw horses awaiting installation on the tower. In case you're wondering, yes it took about two weeks to assemble !



It's up ! The tower is fully erect & awaiting the new antenna. First two trees behind the shack have to be removed to accommodate the new antenna's 32 foot reflector (rear) element.

I had planned to use this space to show one more picture, that of the "finished" tower & antennas installed. That has not happened as yet. Wet weather has hampered the installation. Hopefully there will be room in next month's Feedback so I can show you the finished product. However one antenna project has been finished. W8NP, MARC's Senior Center Station is back on the air ! WA8GXM, WA8MKH, and myself, WC8W installed the donated vertical antenna. It is now up and working -- in fact the first contact on the new antenna was with an ES station on 14 MHz. ES is the call sign prefix for Estonia, one of the Russian countries ! Not bad for a vertical antenna ! Still undecided is what to do with the existing antennas. The HF antenna probably will have to be taken completely down and the tri-band two meter antenna as well so they can be repaired. The coax is completely twisted off on both antennas. This involves cutting off the bad section and replacing it with a new section - OR replacing the coax completely ! We think we have solution to repair the rotor. This would involve drilling the mast pipe and rotor mount so a bolt can be inserted to keep the mast pipe from turning in the rotor. This will have to be done without taking down the rotor, not an easy task ! What ever is decided, it needs to be done soon as this year's good weather is quickly coming to and early conclusion ! I hope that by showing you my project, it will motivate other members to finish their own antenna projects ! **73'S de WC8W**

September 2009

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																									
<p>Upcoming Events: October 4 - Western New York Section Convention (Buffalo Hamfest)</p> <p>November 1 - Massillon Amateur Radio Club Hamfest!</p>		<p style="color: #800080; font-size: 1.2em;">1</p> <p>BD K8BSTV BD N8GAF</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p> <p>VE Test Session, Cuyahoga Falls ARC, 1900, Ctc: Bruce, 330-929-2766, Stow-Monroe Falls Public Library, Stow</p>	<p style="color: #800080; font-size: 1.2em;">2</p>	<p style="color: #800080; font-size: 1.2em;">3</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="color: #800080; font-size: 1.2em;">4</p> <p>Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000</p>	<p style="color: #800080; font-size: 1.2em;">5</p>																																																																																																									
<p style="color: #800080; font-size: 1.2em;">6</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="color: #800080; font-size: 1.2em;">7</p> <p style="color: red;">Labor Day</p>	<p style="color: #800080; font-size: 1.2em;">8</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.2em;">9</p>	<p style="color: #800080; font-size: 1.2em;">10</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="color: #800080; font-size: 1.2em;">11</p>	<p style="color: #800080; font-size: 1.2em;">12</p> <p>Great Lakes Division Symposium, Ctc Bill, 419-423-4604, Findlay, OH</p>																																																																																																									
<p style="color: #800080; font-size: 1.2em;">13</p> <p>BCARA Swapfest Ctc Dave Zibrat, 724-282-9077, Butler, PA</p> <p>Findlay Hamfest, Ctc Bill, 419-423-4604, Hancock County Fairgrounds</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="color: #800080; font-size: 1.2em;">14</p> <p>BD WA8HHO</p>	<p style="color: #800080; font-size: 1.2em;">15</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>Stark County ARES Net on 147.12 at 7:00 PM</p>	<p style="color: #800080; font-size: 1.2em;">16</p>	<p style="color: #800080; font-size: 1.2em;">17</p> <p>Massillon Radio Net - 3599.5, 1930</p>	<p style="color: #800080; font-size: 1.2em;">18</p>	<p style="color: #800080; font-size: 1.2em;">19</p> <p>Ohio Section Convention, Reynoldsburg, OH</p>																																																																																																									
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