



# FEEDBACK

**VOLUME 52    ISSUE 10**

**OCTOBER 2007**

**MASSILLON AMATEUR  
RADIO CLUB OFFICERS**

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K8HSQ

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**--- SHORT SKIP ---**

At last, the MARC Hamfest ! A gathering of the world's finest. And bargains galore. Remember Bunkey, the price may be right, but be careful haul'n your prized boat anchor home, you might end up in Hernia Bay !

73 de WB80WM

### MARC MEETING NOTICE

The meeting for the month of October will be held at the Massillon Senior Center on October 5th, 2007 at 8:00 PM.

This will be an all important meeting as we must make final plans for the MARC HAMFEST 2007 ! At last month's meeting the chairpersons were named for the various committees. Now they must solicit help for their respective committees for the hamfest. So if you have any preference on which committee you would like to serve on please be at the meeting and be sure to volunteer !

On Saturday October 27th at 9:00 AM, we will begin to set up the hamfest. Terry N8ATZ will have the final table layout to be set up in the main room. As in the past, some of the Boys & Girls club equipment will have to be moved out and stored away, until after the hamfest and then moved back in of course. We will string up electric cords so our vendors can have electric to show off their wares. It is not known at this time as to weather we will be able to use the smaller gym for the auction. The Boys & Girls Club has purchased floor covering for the main room but not the smaller gym floor.

### EDITORIAL

I would like to thank all our contributors to Feedback without which we would have a very dull newsletter. From monthly columns like N8ATZ and Short Skip, and the monthly calendar by Igor K8INN; to the articles by Gene W8KXR and Mike WA8MKH and Perry W8AU and others. Thanks also goes to Rick K8RIC and other people for the fine pictures they send in. (This month the pictures on page 8 are by Jim Sack, N8CUI.) Rick has also sent articles taken from various web-sites. After obtaining permission to reprint them, they add variety to the newsletter.

So if you come across something while you are "surfing" the web or perhaps a newsworthy article (Amateur Radio related of course) that you would like to see printed here, please let me know. Most articles including web sites are copy-righted so permission to reprint is required (some articles have a disclaimer printed at the end with permission to reprint with author recognition)

73's de Gary WC8W; ed Feedback

## MARC MINUTES September 7th, 2007

The Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 31 members and guests present. Our V.P. Scott N3JJT was not present. MARC President Ralph K8SHQ opened the meeting at 8:00 P.M. The Pledge of Allegiance was given and a round of introductions was made.

Igor K8INN made a motion to accept the July Minutes as printed in the Feedback. Motion was seconded by Steve KD8ACF and passed..

Ann N8GAF gave the treasurer report.

### **Committees**

Antenna - The antenna on the Senior Center still needs repaired.

Winlink – Just need cables made.

VE – Aug 25<sup>th</sup> was very successful

CW Proficiency – After three times no one has showed up.

Hamshack – Parts for the patch panel has arrived.

### **Old Business**

Generator is working Ok now.

### **New Business**

ARRL is having a convention in Cleveland on September 22, 2007. [WWW.2007gldc.com](http://WWW.2007gldc.com) for more information.

Hamfest prizes were set at 1<sup>st</sup> Yaesu 8900, 2<sup>nd</sup> MFJ Analyzer, 3<sup>rd</sup> Alinco Power Supply, 4<sup>th</sup> MFJ 949E Antenna Tuner. The motion was made by Joe WD8BGW and seconded by Mike WA8MKH and passed.

Massillon Christmas Parade will be on Saturday November 17<sup>th</sup>. Fort Wayne Hamfest is also this same weekend.

50/50 was won by Dan N8DZM for \$15.50.

**Minutes by Dan N8DZM**

## ... Ohio Section Conference ...

On Saturday, September 15th I attended the annual ARRL Ohio Section Conference. This gathering of Ohio Section members is a general meeting open to all amateurs and covers Ohio Section business, presents news of amateur radio and announces both the Allan Severson, AB8P Memorial Award and the Ohio Section Newsletter Contest winners.

The meeting is moderated by Ohio Section Manager Joe Phillips, K8QOE and included reports by cabinet members including Section Emergency Coordinator Frank Piper, KI8GW, Vice-Director Gary Johnston, KI4LA, Official Observer Coordinator Rick Swain, KK8O, State Government Liaison Nick Pittner, WB8TMF, Assistant Section Manager Connie Hamilton, N8IO and Technical Coordinator Tom Holmes, N8ZM.

The meeting was held at the newly remolded Ohio Fire Academy in Reynoldsburg, Ohio. Numerous topics were covered and as soon as I sort out my notes I will post a full report on the club website. I also hope to touch on some highlights at the October club meeting.

## .. ARES Website Update ..

We have successfully established a new website thanks to Summit Solutions out of Akron. The company is owned by Emergency Coordinator Dave Beltz's son Craig and we are slowly moving the site to this new domain. The new domain name will be [www.wd8aye.net](http://www.wd8aye.net). I hope by the time you read this I will have found some time to upload the site and work out a few bugs that have been found. I'll keep you posted.

## .. ARES Certifications Update ..

I would like to offer my congratulations to the following individuals who completed both ARRL and FEMA Certifications over this past year. At the August VEC Exam session our VE Coordinator Gary Kline, WC8W passed his Level 1 and 2 EM Comm Certifications. In addition the following individuals successfully completed various FEMA EMI Certifications. Mike Palmer, KD8ENV completed courses IS-00100, IS-200 and IS-700. Rodger Trompower, KA8FTS completed IS-200 and IS-700. Lastly Wade Huthmacher, WD8MIU completed course IS-700. These continuing education courses and certifications better prepare all of us for community service. As fall and winter approach I hope more of you will consider taking some of the ARRL and FEMA training courses. The FEMA courses are free and the ARRL EM COMM testing is a very small fee. I hope by the end of the year I will have had a chance to compile a full list of those club members who have achieved certifications and post this on the club website.

## ... Hamfest Update ...

As I complete this column the hamfest is in full steam. Prizes have been decided and tables ordered. Currently we have about 20 tables sold and now that the announcement has been posted in all of the ham magazines more will follow shortly. Remember setup is on Saturday, October 27th about 9:00 AM plus or minus. This is our second largest fund raiser event of the year and we need everyone's help to make it a success. There are lots of jobs that need done, don't wait to be asked – step up and volunteer.

**73's for now, see you at the meeting..  
De Terry – N8ATZ**

## LST 325 (LARGE SLOW TARGET )

( OR WHERE IN THE WORLD IS W8AU ??? )

Sailors aboard the World War II Landing Ship Transport or LSTs jokingly referred to their ships as Large Slow Targets because when fully loaded they could only obtain about 12 knots speed ( about 12 - 15 MPH ) .

Our own Perry Ballinger W8AU, is the Chief Radio man aboard the LST 325 which this past September sailed up the Illinois River to Peoria to display the WW II Transport ship. They were to leave Peoria on Sept. 5th but high river water delayed them for about a week. The main idea was to sail down the river to Alton ILL and stay there from Sept. 6th through the 11th and then sail back home to Evansville. If nothing else, Perry got some quality "radio" time in including a contact with your editor WC8W and of course KA8FTS, and others on the MRN net. Below is a picture of Perry at his post. Be sure to check out the vintage radio gear !



## Tectopics #23

### By Gene W8KXR

It has been some time since the Staff at the Big KXR has had time for a meeting with the Publications Department. Many events, both plus and minus, have required the full attention of our minimal staff. So, here we are, with summer getting a bit long in the tooth...and many critical projects still needing attention. Missy Marilyn advised she is about to begin stocking the galley with hot chocolate mix and makin's for a winters supply of sticky buns...Gosh, I told her, "why wait for winter?" And, if you missed this year's excellent Field Day, you will have no knowledge of the now famous "Sticky Buns" samples that show up every year! So, corroded coax connectors to you Ham Boy, if you missed out...

But, concerning more technical matters, there has been a notable event, again, at the Big KXR concerning the 160 meter QRO antenna that has provided so much real life information on high efficiency systems for this challenging band. It's an on going experiment. Here's the scoop.

A local 50.4 operator has been restoring a classic military rig and was ready for some audio checks on 160. We use the 1885 AM calling frequency, and on ground wave, local communications is solid, allowing critical listening to audio quality. A rainy evening QSO had been going on for about thirty minutes with my 800 lbs. T-368 delivering four hundred watts of lovely commercial grade AM carrier to the big 160 dipole, when Missy Marilyn, stepping quickly, rushed into Op Area 53 and announced "the family room is on fire!"

**Great fluctuating plate current!** What is this all about, and right in the middle of a serious contact and a critical restoration project? Well, I went QRX and oddly about that time, noted some nasty snapping and popping sounds from near the big dedicated tuner hanging overhead...yep...the one that feeds the full grown dipole on 160! Holy hot feeders Ham Boy...better go topside for a look-see!

So, by the time I got top side, and headed out the port side hatchway...err...kitchen door, trying to maintain some level of unconcerned dignity required of the Chief Engineer, and Chief Operator at the BIG KXR, I was just in time to see a HUGE cloud of white smoke drifting into the ether (not the kind u sniff Ham Boy) and just about ten feet off the ground near where the 600 ohm open wire feeders head out into the antenna yard...(lawn).

Good grief! The white cloud, expanded to the equivalent size of our cherry tree, drifted up and over the neighbor's house. It looked very much like a chemical spill gone wild...Oh boy! Hope the neighbors are in for the evening...it was just on the edge of night fall...so maybe no one would notice...Whew! There were no sirens coming up the hill and no helicopters in silent mode! Hmm...of course, if they were in silent mode, I wouldn't hear them...sigh.

Well, after adrenalin began to calm a bit, and some level of dignity regained by the Chief Engineer (read me), he knew what must have happened...and no, the family room was not on fire...and, NO, Missy Marilyn did not forget a batch of Sticky Buns baking in the oven!

Because it was now later in the evening, and light was fading, I retrieved a flashlight and searched for the cause of the cloud...and yep, there it was...just about four feet out of the window, where my eight inch long E.F. Johnson ceramic feed through insulators pass the 600 ohm feeders from the shack to the outside world, one of the six inch wide PVC spreaders had ignited. It had caught fire and burned itself to a crispy dark gray ash, leaving only chard remnants attached at the feeder wires. When they go, they really go!

Further inspection of the feeder revealed a second spreader had developed visible carbon tunneling within the PVC. It had not ignited yet...Finally, with binoculars, Missy Marilyn spotted a third spreader about twenty five feet up the center mast of the 160 dipole that looked like a clown's exploding cigar...it had probably ignited too...but we didn't see it go off. Bet it produced a &&^# huge cloud and some flame too!

Ok, well for the near term the BIG KXR is off the air on 160 meters, a real blow to operations and on-going experimentation here on the Gentleman's Band...often called the Top Band. Needless to say, an emergency staff meeting was called by the Chief Engineer, requiring attendance by the Antenna Design and Development group, Parts and Inventory Control manager, Mast and Stakes management, Wire Salvaging and Reuse staff, and the sorry slackers over in Technical Drawings and Sketches.

I let it be known to all concerned; this situation is no joke...we are off the air and that is not allowed; at least not very much...because the BIG KXR still operates regularly on 40, 20, 15, 10, 6, and 2 meters...but...you get the picture...no antenna on 160 is not negotiable...

On a more serious note, if that is possible under the circumstances...the 50.4 guys are expanding operations to 160 with several working up effective short 160 meter antenna stations...so, the audio testing that lead to the above was part of the prep for winter operations on the Top Band as an addition to the on-going adventure on 6 and 2 meters.

The lessons learned here at The Big KXR have been valuable and are leading to the next iteration (that means the 'next example' for non-techy's) in operating QRO with ultra-efficient tuned antennas. Here are some items that have evolved from this effort.

The current antenna has been up about seven years. Examination of the tubular PVC half-inch pipe spreaders shows minimal visible deterioration from exposure to sunlight (UV). Some dirt and staining was visible, but generally the plastic is smooth and in good shape.

The number twelve solid copper wire feed line is in good condition and exhibited only some weathering of the 600v

insulation. Note, the insulation is not a factor in anything...except allows a slippery way to feed spreaders on the wire...Insulation is of no consequence in making feeders, or the top wire in a typical dipole...the old feed wire is to be recycled as ground radials for the new 160-meter inverted L to go up with the rebuilt dipole.

The current antenna has not had an 'ignition' using SSB mode, even at very high power levels. Legal limit power levels are readily available, yet there have been no spreader failures with SSB, probably due to un-sustained peak voltages vs. continuous values with QRO AM.

All failures, including a spectacular spreader ignition about two years ago, where three adjacent spreaders went off in the night, to the consternation of Missy Marilyn, who thought there were terrorist in the antenna yard, were in AM mode running sustained full legal limit power levels.

Both white PVC and Gray type plastic pipe spreader material have been used in this antenna...Note, previous insulators that cooked off, were replaced with gray type PVC pipe...not sure if it's really chemically PVC. Neither white nor gray show heating in the microwave at a minute plus. There have been no 'gray' failures at the replacement sites at QRO AM levels.

There have been no mechanical failures of the 600 ohm feeder system or dipole...only spreader integrity under sustained QRO conditions resulting in visible carbon paths leading to ignition.

So, what is the next version going to look like...most materials are already on hand, from ship's stores. All materials are readily available at the hardware type outlets for your experiments.

1. Spreaders up graded to gray plastic type...all will be cut length-wise for reduced weight and to prevent insects from building nests in the open ends of the spreaders...extremely important to minimize moisture tracking and consequent heating at high voltage points along the feed line. Remember, this is a tuned antenna with SWR with very high peak voltages and peak currents.

2. Experiment to include a redundant 'white' PVC spreader adjacent to the 'grays,' in several places along the feeder, in a comparison test of white vs. gray...they will be set next to each other with two inch spacing so both will be exposed to the same voltages at the same time under the same environmental conditions.

3. Fresh number twelve solid copper insulated wire used for feeders all the way to the dipole.

4. Replace all galvanized stranded guy lines to center mast and end poles with heavy 'Tension Wire' for improved strength and almost no corrosion. It is inexpensive and very strong!

5. All connections to be hard twisted together and soldered. Connections to feed through insulators coated with anti oxidant. Repairs and splices to use butt connectors and soldered.

6. Note...a disconnect system to be installed out of the Shack, with manual switch to ground during non op sessions...especially during thunder season...and note, a mechanical system to allow mechanical disconnect should the main mast fail and yank the feed line out of the shack.

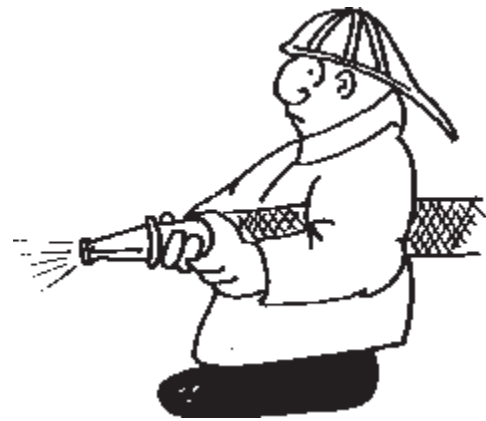
There are more design details for the new antenna...and may be discussed here in Tectopics as this project moves ahead for planned completion before snow time. There are other lessons, but time and space are always at a premium. If you're interested in some real hands on Ham Radio...in a world where not all the answers are known, and much of the lore of how to build serious antennas when there were real Hams running 1KW AM xmtrs...is lost, lets chat...and btw, the guys on 50.4 have taken note of this experience and are modifying their own designs for the Top Band...there is still time for you to get ready for those snowy nights!

Finally, there is so much more, new acquisitions, restorations, building, operating, and yes, sorry Ham Boy...even some stuff that has only buttons for the technically impaired...Consider yourself invited to join the excitement of doing real radio. All are invited to join us, chat and do some radio at any level you wish to play. So, until the next Tectopics, have fun, and look out for each other, it's a jungle out there.

**From The Staff at the Big KXR,**

**73 es cul de W8KXR**

**Sep/07**



Duh---- where da fire man???





## OPDX Bulletin 825 September 17, 2007

The Ohio/Penn Dx PacketCluster

DX Bulletin No. 825

BID: \$OPDX.825

September 17, 2007

Editor Tedd Mirgliotta, KB8NW

Provided by BARF80.ORG (Cleveland, Ohio)

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, AA1M, K1XN & GoList, W1AL, NG3K, NP3D, W3UR & The Daily DX, N4AA & QRZ DX, W4JO, KM6HB, NN7A, K8YSE, KU9C, W0YR, DX-IS News Site, Pete's-DX-Newsdesk, DJ7IK, DK6XR, DK8JB, DL7MAE & The DX News Letter, F5NQL & UFT, G0IAS, G8ATE, I1JQJ/IK1ADH & 425 DX News, JA8CDG, JI6KVR & IOTA-JA News, OH2BH, OH2BN, PA4JJ, RSGB IOTA Web Site, SV1IW, VA3RJ & ICPO and ZL2AL for the following DX information.

### **1A, S.M.O.M.**

It was announced this past week that an international team of operators will be active from the Sovereign Military Order of Malta (SMOM) for the first time ever during the CQ World Wide SSB DX Contest (October 27-28th). The callsign 1A3A will be used during the CQWW SSB Contest. This callsign, 1A3A, is a new prefix, and it will be used for the first time from the Sovereign Military Order of Malta. QSL via IZ4DPV. For all activity prior to and after the contest, operators will use the callsign 1A4A. There will be both SSB and CW activity on the WARC bands using the 1A4A callsign during the noncontest period. For updated information, please visit:

<http://www.1a4a.org/>

### **. 5J0/HK0, SAN ANDRES (NA-033)**

Operators Tom/K3WT, Vlad/N0STL, Bill/W0OR and Ron/N0AT will be active as HK0/homecall from November 19-27th. The team will also participate in the CQWW DX CW Contest (November 24-25th) as 5J0A and as a Multi-Single entry. QSL 5J0A via WOJAR. QSL all others via their home callsigns, direct or by the W0 QSL Bureau.

### **5R, MADAGASCAR**

Willi, DJ7RJ, will be leaving for Nosy (**AF-057**), on September 25th. He will be active as 5R8RJ from September 26 through October 26th. Activity will be on 160-10 meters, CW and SSB. QSL via the CBA.

### **7Q, MALAWI**

QSL Manager Allan, G0IAS, informs OPDX that Harry, 7Q7HB (G0JMU), is once again in Malawi. He is expected to be there for about 2 months. Allan states, "SORRY Guys and Gals, NO Top Band Schedules this time, maybe when he goes back in January. QSL is via DIRECT ONLY to G0IAS. Cards are normally sent via return post, I sched Harry every day. He may just have some interesting new modes...Regards Allan."

### **8R, GUYANA**

Operators Holger/DK6XR and Martin/DK8XT will be active as 8R1XR and 8R1XT, respectively, from Georgetown starting September 30th through October 13th. Activity will be on the usual frequencies on SSB, CW and RTTY. QSL via their home call signs.

### **8R, GUYANA**

Operators Anderson/PY2TNT and Alex/PY2WAS will be active as 8R1PY from Georgetown, November 1-4th. Peter Denny, 8R1WD, may also be joining them. They plan to be active full time (24h) if propagation permits, on 80/60/40/30/20/17/15/12/10/2 meters SSB and CW. Their QSL Manager will be PY4KL, the official station of CWJF (both operators are members of CWJF). QSLs may be sent via the bureau or direct.

### **AM3, SPAIN**

Ramon/EA3EJI and a group of operators will activate the Montserrat Monastery as AM3MM during next weekend, September 22-24th. Activity will be on all bands and modes. QSL via EA3MM, by the bureau or direct.

### **C5, THE GAMBIA**

Jan, PA4JJ, will once again be active as C56JJ between November 30th and December 7th. This will be a holiday style operation. Jan informs OPDX that he will only use 100 Watts (FT-897) and the antenna will be a vertical and a ZS6BKW. There may be some topband and 6 meter activity. QSL via PA4JJ. He states that there is a possibility of an online log this time on the Web site:

<http://c56jj.pa4jj.nl>

### **CCF AND SRAL'S SAC**

Even though the 49th Scandinavian Activity Contest (CW) was this past weekend, Jussi-Pekka, OH6RX, President of Contest Club Finland, wants to remind everyone that the SSB side will be this coming weekend between 1200z September 22nd and 1200z, September 23rd. The Contest Club Finland and SRAL invite all amateur radio operators to participate in their 49th Scandinavian Activity Contest 2007. Official rules are available at:

### **EA8, CANARY ISLANDS**

Operators Michael/DL3FCG, Alfred/DL8MG, Carola/DL5FEX, Reiner/DL4ZF, Klaus/DK1EG, Tanja/DO6TPG, Lars/DL6FCB, Martin/DG6FDV and Irmgard/DL6FAE will be active as EA8/DL3FCG from La Orotava, Tenerife Island (**AF-004**, S-012 for the Spanish Islands Award, WLOTA LH-1276), October 9-17th. Activity will be on all HF and the WARC bands (no 160m) using CW, SSB and digitals. QSL via DL3FCG, bureau preferred. All QSOs will also be confirmed via LoTW and eQSL.

### **FO, FRENCH POLYNESIA**

Freddy, F5IRO (aka TO4E, FK/F5IRO, FR/F5IRO, FY/F5IRO and TO7R) has received his 4 months assignment to Papeete, Tahiti (IOTA **OC-046**, DIFO FO-002). He is expected to be there until mid-January 2008. By the time you read this, Freddy may be active as FO5RU, or possibly FO/F5IRO until he picks up his new licence. Freddy will be active during his spare time on all HF bands, CW, SSB and RTTY. He may activate some other IOTAs during his stay. QSL via Rafik, F5CQ, either direct (SASE + Postage) or via the French REF-Union bureau (please only this bureau). Other information and online log can be found on Rafi's Web page at:

<http://www.f5cq.net/dxp/2007-FO5RU/fo5ru-fr.htm>

### **HB0, LIECHTENSTEIN**

Operators Ekkehard/DF4OR, Tilman/DJ5BX, Peter/DL1FX and Rainer/DL1ZBO will be active as HB0/DF4OR during the CQ World Wide DX RTTY Contest (September 29-30th) as a Multi-Single entry. QSL via the home call sign.

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Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit.

To contribute DX info, please send via InterNet Mail to:

[kb8nw@barf80.nshore.org](mailto:kb8nw@barf80.nshore.org)

- OR -

[kb8nw@arrl.net](mailto:kb8nw@arrl.net)

Information can now be faxed to the following "NEW" phone line at:

1-419-828-7791 (F A X only!)

## MARC/ARES AND PUBLIC SERVICE EVENTS

### TOUR de CURE



Getting final instructions are several members of MARC including (l-r) Terry N8ATZ, Igor K8INN (behind Terry in blue shirt) Mike KD8ENV, Rodger KA8FTS and Wade WD8MIU.

### HOF PARADE



Hall of Fame Grand Parade held the first week of August required many helpers including pictured here are Michelle KC8ZEJ, Jason KC8LIN, and (I believe) Russ N8PII.

For a complete story on the Tour de Cure, please refer to N8ATZ Column, July Feedback. The September N8ATZ column carries a brief description of the HOF Parade. The MARC website: [www.marcradio.org](http://www.marcradio.org) carries the Tour de Cure story.



Former member W8GJO (1955-1958) has some classic Boatanchor stuff he would like to dispose of:

Hammarlund HQ-110A general coverage receiver. \$100.

Hallicrafters S-38B receiver \$35.

Eico 720 CW xmtr \$50

Radiola 3A Antique BC radio (1922)

Knight P-2 SWR meter \$5.

**W8GJO Dick Getz 330-837-1496**

## OCTOBER

October is a very "eventful" month. On the 8th Columbus Day is observed, the 16th is the "National Boss Day", the 28th is the biggest event of the month (for us at least), the MARC Hamfest and to finish up the month is Halloween on the 31st.

Although we have "downsized" in recent years to what we were at the peak at the Fairgrounds, it takes the same amount of work to assemble the hamfest. From set up to tear-down requires many volunteers. Take for instance the Auction. It seems the pile of junk -er- equipment grows bigger every year. I've got to hand it to those guys, they somehow get through it all in one day! The security people have their hands full with all the vendors and others coming and going all day long and they make very few mistakes as to who has paid and who has not. Hats off to Anne and helpers with ticket sales, that can be quite stressful for the first couple of hours. Kudos to Sarah and Scott for their "professional" handling of the Club table and the ever popular prize give-a-ways. Thanks for the people who handle the VE Exams that must give their time away from the hamfest to ensure a quality exam. Thanks to Terry & Lynette who give their valuable time to make sure table sales are complete.

Take a bow MARC members, you deserve it !!!!



# October 2007

## W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																														
<b>Upcoming Events:</b> Nov. 17, 53rd Annual Massillon Holiday Parade  Nov. 17 - 18, Indiana State Convention (Fort Wayne Hamfest - Computer Expo)	1	2 Stark County ARES Net on 147.12 at 7:00 PM	3 BD K8MOO	4 BD N8ATZ	5 Massillon ARC Meeting, Massillon Senior Center, 8:00pm	6 VE Test Sessions, Portage County ARS, 1000, Ctc.: James 330-297-7979, Center of Hope, Ravenna																																																																																																														
7	8 Columbus Day (Observed)	9 BD WD8ROR Stark County ARES Net on 147.12 at 7:00 PM	10 BD N8GPC	11	12 West Stark Info Net - 147.180 at 2000	13 VE Test Session, Summit Co. American Red Cross, 1400, Ctc: Bruce Ferry, 330-929-2766, American Red Cross, Akron																																																																																																														
14	15 BD WD8MIF	16 Stark County ARES Net on 147.12 at 7:00 PM	17	18	19 West Stark Info Net - 147.180 at 2000	20 VE Test Session, Inter City ARC, 1300, Ctc: Richard Fletcher, 419-886-2463, Madison Township Hall, Mansfield																																																																																																														
21	22	23 Stark County ARES Net on 147.12 at 7:00 PM	24	25	26 West Stark Info Net - 147.180 at 2000	27 MARC Hamfest Setup																																																																																																														
28 MARC HAMFEST! Also, VE Test Session, Massillon Hamfest, 0900, Ctc.: Gary Kline, 330-837-2927, Massillon Boys & Girls Club	29	30 Stark County ARES Net on 147.12 at 7:00 PM  VE Test Session, Pioneer AR Fellowship, 1900, Ctc.: Ronald Lieving, 330-724-5981, Akron Baptist Temple	31 Halloween	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="7" style="text-align: center; border-bottom: 1px solid black;">Sep 2007</th> <th colspan="7" style="text-align: center; border-bottom: 1px solid black;">Nov 2007</th> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">S</td><td style="text-align: center; border-bottom: 1px solid black;">M</td><td style="text-align: center; border-bottom: 1px solid black;">T</td><td style="text-align: center; border-bottom: 1px solid black;">W</td><td style="text-align: center; border-bottom: 1px solid black;">T</td><td style="text-align: center; border-bottom: 1px solid black;">F</td><td style="text-align: center; border-bottom: 1px solid black;">S</td> <td style="text-align: center; border-bottom: 1px solid black;">S</td><td style="text-align: center; border-bottom: 1px solid black;">M</td><td style="text-align: center; border-bottom: 1px solid black;">T</td><td style="text-align: center; border-bottom: 1px solid black;">W</td><td style="text-align: center; border-bottom: 1px solid black;">T</td><td style="text-align: center; border-bottom: 1px solid black;">F</td><td style="text-align: center; border-bottom: 1px solid black;">S</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td style="text-align: center;">1</td> <td></td><td></td><td></td><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">2</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td><td style="text-align: center;">5</td><td style="text-align: center;">6</td><td style="text-align: center;">7</td><td style="text-align: center;">8</td> <td style="text-align: center;">4</td><td style="text-align: center;">5</td><td style="text-align: center;">6</td><td style="text-align: center;">7</td><td style="text-align: center;">8</td><td style="text-align: center;">9</td><td style="text-align: center;">10</td> </tr> <tr> <td style="text-align: center;">9</td><td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td><td style="text-align: center;">15</td> <td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td><td style="text-align: center;">15</td><td style="text-align: center;">16</td><td style="text-align: center;">17</td> </tr> <tr> <td style="text-align: center;">16</td><td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td><td style="text-align: center;">20</td><td style="text-align: center;">21</td><td style="text-align: center;">22</td> <td style="text-align: center;">18</td><td style="text-align: center;">19</td><td style="text-align: center;">20</td><td style="text-align: center;">21</td><td style="text-align: center;">22</td><td style="text-align: center;">23</td><td style="text-align: center;">24</td> </tr> <tr> <td style="text-align: center;">23</td><td style="text-align: center;">24</td><td style="text-align: center;">25</td><td style="text-align: center;">26</td><td style="text-align: center;">27</td><td style="text-align: center;">28</td><td style="text-align: center;">29</td> <td style="text-align: center;">25</td><td style="text-align: center;">26</td><td style="text-align: center;">27</td><td style="text-align: center;">28</td><td style="text-align: center;">29</td><td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">30</td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		Sep 2007							Nov 2007							S	M	T	W	T	F	S	S	M	T	W	T	F	S							1					1	2	3	2	3	4	5	6	7	8	4	5	6	7	8	9	10	9	10	11	12	13	14	15	11	12	13	14	15	16	17	16	17	18	19	20	21	22	18	19	20	21	22	23	24	23	24	25	26	27	28	29	25	26	27	28	29	30	30													
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