



FEEDBACK

VOLUME 55 ISSUE 2

FEBRUARY 2010

MASSILLON AMATEUR
RADIO CLUB OFFICERS

PRESIDENT
Carl Cunnert
AB8CC
ccunert@yahoo.com

VICE PRESIDENT
Wade Huthmacher
WD8MIU
wd8miu@gmail.com

SECRETARY
Dan Anastis
N8DZM
ddan@sbcglobal.net

TREASURER
Gary Kline
WC8W
wc8w@sssnet.com

**MRN NET Tue Thur & Sun
7:30 PM 3.60 MHz**
**CLUB REPEATERS
147.18 & 442.850 MHz**

Contents

Secretary's Report -----	2
N8ATZ Column -----	3
USS Lexington by KB8STV---	4
Update on Feedback -----	5
KB6NU Column -----	6
Tectopice # 26 -----	7
Calendar by K8INN -----	9
MARC picture page -----	11

--- SHORT SKIP ---

February, Ah, fresh snow, cool brisk breezes, etc. , etc . Time to do our antenna work and tower painting. Tower painting in February you ask ? Yup . It'll take forever for the paint to dry and meanwhile it'll be soaking into those cracks and crevices - much better surface area coverage. Get on your safety climbing belt Bunkey . Bunkey ? Where did Bunkey go ? ...

73 de WB80WM

FEBRUARY MEETING

The meeting for the month of February will be held at the Senior Center in downtown Massillon on February 5th at 8:00 PM.

This will be the first meeting of the year for the new Officers. President Carl AB8CC will have some interesting items on the agenda for the year 2010. Some of the issues/events will be Field Day , Special Event on Lake Erie (US Islands On the Air), Fund raiser at Akron University, and of course Hamfest 2010 at the Boys & Girls Club in Massillon. These are just some of the highlights for the upcoming year. Looks like it will be a busy year !

DUES ARE DUE !

Just a little reminder that the Club Dues for 2010 are now due, but don't worry you have until the March 5th meeting night to pay them.

At last count, 73 of you have renewed and that means of the 107 members registered, 34 of you still needs to renew. Please see the "new" Treasurer Gary WC8W at the meeting or send a \$ 10.00 check to: Gary Kline WC8W, 6500 Highton SW, Navarre, Ohio 44662. Remember "we don't want to loose a single member" !

GREAT LAKES AFFILIATED CLUB COORDINATOR Joanne KJ30 & Larry Solak WD8MPV

It is my sad duty to let everyone know that Larry Solak (WD8MVP), and his wife Joanne (KJ30) lost their home at 3:00am on January 12th to a house fire. As of current news, both have been hospitalized with smoke inhalation and have now been released.

Joanne is the Ohio Section Affiliated Club Coordinator, and provides the Ohio Section with club and section news every month. Larry is a former Section Emergency Coordinator for the Ohio Section.

Please keep them and their family in your prayers. As more news comes forward, I will keep you posted.

73, Frank Piper KI8GW

ARRL Ohio Section Manager: Frank J. Piper, KI8GW ki8gw@arrl.org

MARC MINUTES January 9th, 2010

The Massillon Amateur Radio Club awards banquet was held at the Otterbein Methodist Church with 51 members and guests present.

After a wonderful dinner of chicken, swiss steak, green beans, mashed potatoes, roll and a desert the awards were given out as follows.

W8NP Ham of the Year: Joe Herrick WD8BGW

George Turkal A1 Operator Award: Wade Huthmacher WD8MIU

Public Service Award: Steve Hall KD8ACF

Contesting Award: Tom Phelps WD8MBE

Technical Merit Award: Mike Palmer KD8ENV

Life Membership: Anne Ballinger N8GAF

After the Awards were given out the newly elected officers were sworn in by Roger KA8FTS.

President Carl Cunnert AB8CC

Vice-President Wade Huthmacher WD8MIU

Secretary Dan Anastis N8DZM

Treasurer Gary Kline WC8W

Trustee Tom Phelps WD8MBE

Bob Savage K8MGC won the Icom HT raffle.

Minutes by Dan N8DZM

RADIO TRAINING CLASSES

The Annual CW class, sponsored by your Massillon Amateur Radio Club will begin Friday evening, February 12, 2010.

These classes are held for Technician class or higher licensees who wish to learn how to use, and appreciate the skill of CW operation, where YOU become the encoder and decoder... a great thing to have especially during portable or emergency situations when AC power is not available. Also, DX is easier to catch with CW, and some contests give extra points for this mode.

Class will be held at club headquarters, the Massillon Senior Center, 3rd floor. Time will be 7:00 - 9:00 p.m. each successive Friday evening except for club meeting nights when class will be 6 - p.m.

MARC TECHNICIAN CLASSES

With the beginning of the CW classes also comes the announcement of Technician Classes. This year they will start on Monday, March 15th at the Senior Center at 7:00 PM and will last for 8 weeks, finishing up the week of the VE Exams on May 8th, 2010 at the EOC.

Know anyone who would like to teach the class? Gary WC8W would like for someone to step up and help teach the class.

For additional information on CW class contact Perry, W8AU at w8au@sssnet.com, or call 832-8612.

For Technician Classes contact Gary wc8w@sssnet.com or call 330/837-2927

... Another Great Banquet ! ...

Did you make it to the club's annual Awards Banquet? I hope so, if not you missed another great club event. Again this year the weather could have been a bit better, another January snowfall saw about 4 to 5 inches of new snow a few days before the dinner but it didn't keep our hardy crowd from attending. Overall attendance was again strong and it was good seeing everyone.

As always, it is great to come together each year to celebrate another successful season in the club with family and friends, enjoy a great meal and to recognize club member accomplishments. This has continued to be one of the club's great strengths.

The pictures have been developed and are posted on the club website along with a recap of the evenings events. Look for the link on the home page.

... Skywarn Update ...

Even as we struggle through another dreary Ohio winter season, we are currently organizing our annual spring Skywarn Severe Weather Training.

A few important dates to mark on your calendars. Ohio's Severe Weather Awareness Week is scheduled the week of March 21 – 27. The annual Statewide Tornado Drill will take place on Wednesday, March 24th at 9:50 AM.

Stark County will once again host our annual Severe Weather Spotter Training on Wednesday, March 17th at Stark State College of Technology. Registration will begin at 6:00 PM with the training to begin at 6:30. Additional details will be posted on the Stark County ARES website in a few weeks.

Lastly, the first quarter meeting of the Stark County ARES is tentatively scheduled for Thursday, March 4th at the Stark County Emergency Operations Center from 7:00 – 8:30 PM. A meeting agenda is currently being developed and if time and schedules permit, we hope to have Ohio's Section Emergency Coordinator Jack Sovik, KB8WPZ. Additional details will also be posted to the Stark Co ARES website when finalized.

... WEBSITE UPDATE ...

The club's website is doing well and has been very stable since our host upgraded their servers a few months back. This year the renewal hosting fees won't be due until May so we won't know about a rate increase for a while. I'm not expecting much of an increase if any.

I was notified by the hosting company about a change in our

hosting agreement that is good for us. They have increased our website size limit to one gigabyte in size. Currently our site is about 260 MB in size and goes up slightly each month as new material and our monthly newsletter is posted. This is great news as we now have plenty of space for site expansion. The best part is that this increase came at no additional cost !

I have received a bit of positive feedback about the new YouTube video section that was added to the homepage. Some have reported they like the new addition and would like to see more radio related video's added.

The current video is a short introduction on Ham Radio produced by the ARRL and is very well done. I hope to change to new video's every two or three weeks and throughout the year I hope to find some topic related video's to post. Look for some great Dayton Hamvention video in May and Field Day additions in June. WE may even try recording our own video during this Field Day and post it for viewing.

If you find something radio related during your internet surfing let me know and I'll add it to the play list.

That's it for this month.

**73's
Terry – N8ATZ**

W8NP HAM OF THE YEAR JOE HERRICK WD8BGW



CONGRATULATIONS JOE !

A Story of a HF Radio Contact Between MARC Members MARC members make Lexington Museum contact

On 7 January, 2010 a contact between the USS Lexington (W5LEX), operator Charlie Scherger (KB8STV) and Don Wade (W8DEA)



was successfully accomplished. Charlie was visiting his son Mike (KC8YSR) in Corpus Christi, TX.

The HF radio equipment onboard the LEX is sponsored by the STARC, South Texas Amateur Radio Club. The transceiver is a Yaesu FT-920 and they use either a 5-BTV or a 6-BTV located on the O-10 level on top of the superstructure about 180 feet above sea level.

The USS Lexington is a Museum ship berthed in Corpus Christi Bay, Corpus Christi, Texas. The USS Lexington (CV-16) is also known as the “The Blue Ghost”. This ship is open for visitors, seven days a week, 0900 to 1700, Labor Day to Memorial Day, and 0900 to 1800 Memorial Day through Labor Day, but closed Thanksgiving and Christmas. The Web site for the ship is:

http://www.usslexington.com/index.php?option=com_content&task=view&id=37&Itemid=48

Hams who make special arrangements with the South Texas Amateur Radio Club would be permitted to operate the Ham radios onboard this ship. The radio room, located on the O2 deck in the former teletype secured area and is not on the Visitor tour route. The Ham radios in this room are operated by members of the STARC, South Texas Amateur Radio Club, who use them during special event station operations, which include the Museum ship Special event weekend. This event is held on the first weekend of June. It was especially rewarding to this author to be able to communicate with a fellow MARC member, who informed me that he was a crew member of this ship. It was the first time that Don was able to communicate with his “old ship” as he has tried several times in the past. I have enjoyed working the Museum ships including the WII2LST made famous by Perry W8AU.

After an enjoyable QSL with Don Wade, W8DEA, I was inundated with an immediate pile-up because as soon as you call Whisky 5 Lima Echo X-ray this is what normally happens. I was at the “LEX” with my son Mike KC8YSR, who was installing “Ham Radio Deluxe”, on a computer in the radio room. This program not only controls the YAESU FT-920 transceiver but has a linked logging program follows the band and frequency, records the time etc ,, really slick even for this fumble fingered computer operator. They do not have an internet connection in this part of the ship, but when connected and integrated the logging program will get the address, name etc from QRZ and enter this info into the log for you after you just enter the callsign. We were successful in integrating the software and several hams that send a card to the LEX with a SASE’s will get a Great QSL card in return.

I recommend you take a few minutes to check out the Web site and read about the history of this famous ship and the men and women who served aboard her for nearly 50 years.

Names like Tawara, Great Marianas Turkey shoot, Guam, Iwo Jima etc are all in this ships combat log. She was struck several times by torpedo’s, and kamikazes.

At 03:49 PM 1/21/2010, Charles and Linda Scherger wrote:
>Here is a short story you may use in the MARC Newsletter.
>It fits the special / human interest category.

Hi, world traveler...



Nice story. I used to talk to Lexington on Navy frequencies when they served for years as the Training Carrier based in Pensacola, FL for a couple de-

acades.

They would be out doing "carrier landing qualifications" (for pilots) and if the weather started looking serious they would come up on the NavyMars calling freq (14,441.5 kHz) and ask for a patch to Miami Weather. :-). I would move them off to a working freq, call Miami WX and patch them through.

Often wondered why they did not have weather folks (Quartermaster, etc) aboard using the radar and other WX equipment standard on all ships. Then it occurred to me that Lex was not fully staffed just for carrier qualification runs. Being out a hundred miles or less in the Gulf would not have required that.

I noted they had ham gear for use. Wonder if you were in their Radio Central, and if there was any Navy gear still left aboard? Using ham gear is OK, for some modes not covered by the older Nav gear, but actually communicating with the ham community using the Navy equipment gives an even more satisfying feeling of hearing what the ship(s) actually sounded like under tactical operations, and communicating through their ACTUAL facilities. Call it a vicarious experience, if you will...stepping back in time. :-)

If your goal is to visit/operate from every Museum ship, be sure to give me prior notice before venturing to USS LST325, so I could be there to assist.

**73,
Perry**

(In the photo above Charlie KB8STV is "throwing switches, hey Charlie, be careful of what switch ya throw ! All photos courtesy of KB8STV)

UPDATE ON FEEDBACK EMAILING

By now all of you has been contacted and should be aware of the changes voted on in December concerning the emailing of the Feedback newsletter. I have a few suggestions that may be of interest to you. From now on I will include a back mailing page to be included with each emailed newsletter and it will always be on page 10. The reason? It is so if you wish to send a friend a copy of our newsletter you can do so however you must know how to print a two sided page.

There are many different printers on the market. If you have one of those "fancy" printers that print both sides of a page, you are the lucky one indeed! However if not than a couple of simple steps are noted here. First print a test page, anything will do because all you will be interested in is how the print is put on the paper. Watch closely to see if you have the print on top of the page (like most inkjet printers) or on the bottom of the page. To print on both sides of the page simply turn the page over and ORIENTATE the page so that if it starts printing from the top down. This is how to do a simple one page, two sided copy. Now for the difficult part.

Keep in mind which way you're printer prints. When you select the print function you will receive a print "window". Look at the left side (If windows application) and notice where it says "pages". Look to it's immediate right and where it says "print" look at the down arrow, click on it and choose "odd pages " . This tells the printer to print only pages with an odd number. After the print is finished go back to the print window and now select "even pages". Take out the finished pages and remember how to orientate the pages. Place the pages upside down starting with page 2 and hit "print". It may take you a couple of times to "get it right" but you will have a very fine newsletter to send someone. Don't forget to ONLY select the first 10 pages to print as the more pages, the costlier it is to send in the mail ! 10 pages (both sides, 5 pages actually) will mail for a .44c postage stamp and anything above that will cost more.

Make sure the back page is on the outside and staple the upper left hand corner of the newsletter. Now fold it in half and use Scotch Tape in the middle to keep it from coming apart. Now you're newsletter is ready for mailing. Good Luck!

73's de Gary WC8W Editor Feedback



Subject: KB6NU's Column for January 2010

Where are the Ham Radio Hackers? By Dan Romanchik, KB6NU

On the Ten-Tec Omni VII Yahoo Group (<http://groups.yahoo.com/group/Ten-Tec-Omni-VII/>), one ham wrote: "If I was 17 years-old I would be hacking I-phones and other items like George Hotz, the 17 year-old from New Jersey who was able to unlock the Apple I-phone so that it could be used on other cell service networks." When I was his age, I was hacking dial telephones. Then one day the phone company showed up at my house. My parents were not impressed with my technical abilities. "This morning there is a story that George has just hacked the 'un-hackable' Sony 3 Play Station. He says the hack was 95% software and 5% hardware." A quick check of the modifications site run by that guy over in Denmark, shows that there are NO MODS for the O7...interesting. I just wonder how many strange and wonderful things can be done with those 36 buttons/switches on the front panel. Can the O7 be made even better?" In my reply, I asked, "Why stop at pressing some buttons on the front panel? Why doesn't someone really hack the Omni VII and develop a completely new software package for it?" Rigs like the Omni VII and the Elecraft K3 would seem to be perfect candidates for this kind of hacking. Sure, there is an order of magnitude difference between a \$300 iPod and a \$3,000 radio, but we're big boys, aren't we? Besides, aside from overdriving the finals, what real damage can you do to the radio? It seems to me that even if you manage to screw up the software in the rig, you can get back to square one by simply re-loading the manufacturer's software. Ham radio operators have a long history of modifying their radios. Page through any stack of QSTs or CQ Magazines from the 1950s, 60s, and 70s, and you'll find many articles describing modifications to the popular radios of the day. About the only thing hams do to their rigs today is to clip a diode to allow it to operate out-of-band. What does it say about the technical capabilities of today's hams that we haven't yet done with our gear what some 17-year-old kid has done with the iPhone and the PlayStation? Why don't we have any third-party software for Omni VII or the K3? I think if a manufacturer actually encouraged third-party software development, they'd quickly gain a following and make their brand even stronger, don't you?

—Dan Romanchik, KB6NU, blogs about ham radio at www.kb6nu.com, teaches the infamous One-Day Tech Class, and operates a lot of 40m CW. E-mail him your comments and questions at cwgeek@kb6nu.com.<end column>

THE PREZ SEZ

Hello M.A.R.C members:

This month starts a new year for our membership. There many things that the club will be tackling this year. The North Bass project, Field day, Parades, and many other functions.

All these things can't be done by just a few good hams nor can we ask just a few hams in the club to represent all of us. While it is a good idea for all of us to be active in the club functions it is never a good idea to leave it to a few. Many are waiting to be asked to participate in many of these functions and that does not get us the help we desperately need. The outside world who are not member of our club or are not hams could view this as our weakness which sends the wrong message to our community.

I encourage all to sign up and commit themselves to the activities of the club to help sharpen your radio skills and to build bonds with fellow members, and if a little extra fun comes out it we all win.

Some say the club does not do anything and so they drift away disenchanted. I beg to differ with these people. While in their view they have a valid point I have noticed that some functions are getting harder to do for lack of participation, except for by the few who are always there. We have lost the 2 meter net for just one function, because to get members to conduct it became a grind. The concession stand at Akron became hard to man with the club relying on usually with the same members each week. This is our main fund raiser and without money coming in from our this it gets harder to build a radio room or to update our repeater and keep it running.

I hope all of us in 2010 will actively volunteer for the needs of the Massillon Amateur Radio Club. After all the club represents who we are.

73's de Carl AB8CC

PROGRAM FOR FEBRUARY

The program for the month of February will be from our own Mike Sciarini, WA8MKH. Mike will discuss ideas on how to bring new ideas with greater success to Amateur Radio Clubs. Mike is no stranger to our program line up. He has given us new ideas on antennas, new circuitry and related amateur radio equipment.

We look forward to Mike's program. He has in the past enlightened us with his raw sense of humor and his quick wit. It looks like it will be a very interesting evening So See you at the meeting on the 5th of February !

Thanks de Wade WD8MIU

Tectopics #26

Of EWE's, Kings and Many Other Wonderful Things

Hummm . . . snow drifting and blowing, temperatures dropping and Missy Marilyn sitting beside the fireplace, reviewing notes from the most recent board meeting here at the BIG KXR . . . The meeting included mostly the CEO, Chief Engineer, Chief Operator, Engineering Manager, Lab technician, and Oscar and Hairy (these last two are cats, even though they don't seem to know it).

Of course, those who follow events over at the BIG KXR know the real meeting was actually composed of an outstanding gent (me), Missy Marilyn and well; that was about it, except for Oscar and Hairy who slept through the entire discussion of many things. Too many people in a meeting is not a good thing, so I limited attendance to me and Missy M. and . . . yes, and you get the drift; the furry ones . . .

So, this evening, after the day's meeting, I'm sipping, you guessed it, a giant mug of steamy hot chocolate, and . . . yep, munching on a warm freshly baked 'Sticky Bun' from the KXR's galley. "Well then," I asked between bites, slowly savoring the tasty Sticky Bun, "what can we surmise from the board meeting notes and our progress here at the BIG KXR, Missy M.?"

Missy Marilyn nodded and said, "Gosh, the year past was swell, Sir, and prospects for the new year are outstanding! Here are a couple of those items from our staff meeting." Note; Missy M. always calls me Sir, when we are conducting official KXR business . . . And so the conversation continued with the following topics briefly noted for the Faithful.

First, a major project has been completed and is now undergoing evaluation by the engineering team here at the KXR Experimental Lab. The project involves building and evaluating an experimental 'low noise' receiving antenna, designed primarily for 160 meters, but according to literature (you know, stuff that's written that's supposed to sound way too complicated for the average Ham Boy), offers some noise canceling/reduction under noisy (QRN) conditions. Much of the available info is aimed at the lower frequencies, such as 160 meters, but it is not limited to the Top Band, and is said to be effective on 80, and 40 too.

The effort here at the KXR lab, was to build and evaluate the effectiveness of this 'low noise' technique. For anyone

interested, it's easy to find information on the Web by searching for - EWE Antennas - and with a bit of reading, one finds such an antenna is quite simple and inexpensive to build.

There is a family of sorts, of these antennas, with the EWE being a rectangular format, ten feet tall, fifty feet long, using PVC pipe as end supports, wire, a simple TV type balun, and some 75 ohm TV type coax. Total cost depends on what you may, or may not, have in the junk box, but worst case, this experiment is in the less than fifty dollar category if you have to buy everything and will have loot left for a trip to grab some Joe and burg with fries at the local 'used to be' fast food emporium.

Another format of this antenna is called a Pennants (as in flags), because its shape is that of a triangular pennant. The EWE antenna under evaluation at the Big KXR is a rectangle, or 'Flag' type. It is effectively a lossy vertical loop, with the null end terminated in an eight hundred and forty ohm resistor, say one or two watts for ruggedness, that is grounded to a four foot ground rod driven at the terminated end of the Flag.

The Feed end goes down ten feet to a 4:1 balun . . . and don't be intimidated by the balun. This is a receive only antenna, so a simple TV type 300/75 ohm balun as used for 'rabbit ears' is perfect . . . a common junk box item, or often found in the dust and rust under the tables at the Fests.

The balun is terminated into a ground rod, as is the resistor terminated end. Essentially this antenna is a loop, with the earth forming the lossy, by intent, lower side of the loop. Easy and cheap to build, it is a fascinating way to experiment, where even those who are fans of the concept, offer only empirical data (oops, word too big...? try 'experience'). So, anything learned is basically new and possibly original at least for now . . .

Note, the coax end feeding the 4:1 balun is the 'front' end, with the resistive terminated end the 'null' end. Make note of this when setting up the experiment. You must point it in the direction of signals to be heard, with the resistive, or terminated, end the attenuated end . . . Here at the Big KXR, the Flag is pointed into the North West at forty five degrees by compass. Much of the 160 work is in this direction on a particular 1895 net, and will provide the most opportunity for repeatable and familiar signal levels from the regulars.

So, the EWE, pronounced "U" like the Sheep . . . is now in place and being used regularly on 160 meters. It is too soon to say it is doing what it is supposed to do, that is, reduce ambient noise and especially QRN during stormy summer months.

Early results are encouraging, with the intent to set a base line during the winter months, which are relatively quiet for atmospheric noise, then move on into the spring and summer when predictable noise conditions, notorious on 160 challenge even the most stalwart QRO operators. The

reference antenna is KXR's half wave dipole fed with six hundred ohm open wire. The big dipole is very quiet, and will provide a challenge for noise properties of the EWE.

And after that short commentary on the never ending efforts here at the big KXR, Missy Marilyn advised the next topic was the now 'infamous' Globe King 500B . . . This heavy metal beast has been in the KXR's autopsy and surgery lab for nearly a year, with it being on the air for several hours at a time, before more failures requiring more analysis and surgery. The worst problem has been a plate transformer failure. Trouble shooting it was time consuming because of the inherent danger in dealing with very high voltages, but with blown twenty amp fuses piling up, it was finally diagnosed as an internal short that developed at about eighty volts on the primary. A challenging test situation, but with due caution and attention to details it can be done. The verdict was not good, the very heavy thirty five pound transformer was shorted with no hope of repair.

Fortunately, ship's stores (read KXR junk box) had a replacement at hand, allowing testing to continue with 866 rectifiers replaced with 3B28's . . . a common military replacement for the flash over prone mercury vapor rectifiers of early high power designs. So, on to more reassembly and at a hundred pounds plus, the power supply was fired up with no problems, idling on its bleeders for an hour without failure . . . But . . . of course, there is always a . . . "But" . . . once the beast was happy on CW, modulation was ready to be tested . . . and . . . OH MY! Snapping and sparking, buzzing and chattering relays and; yep . . . more blown fuses; Good Grief!. . . which brings our report to the current status report on the King.

The autopsy report this time showed what appears to be a bum ptt relay, of an odd and too complex type. Being fifty plus years old, this critical six volt DC relay decided it was the next weakest link in the beast that is called King . . .

As of this report to you, the Faithful, it was noted by the Engineering Dept. a new push to talk relay, with its dedicated twelve volt power supply, has been built and installed, a kind of corrective surgery based on junk box parts (organ donors of sorts). Testing is now pending for the – oh so many, I lost count times – with hopes of getting the last of the wrinkles kicked out of this near three hundred pound classic.

Oh, and one last suspected problem . . . the gas rectifiers in the modulator may have been damaged because of improper relay functions, so they were replaced too. These are a miniature version of the classic 866 mercury types in the main power supply. This smaller version is known as an 816 and it too is a mercury vapor type. I expect to report on the King's situation in a future Tectopics and perhaps be able invite any who are interested to take a listen on 160 meters near 1885 in the near future; or maybe not . . . more fuses and more analysis . . . we will see . . .

It's worth noting that restoring and bringing back to life a heavy metal rig is no frivolous task, with many lessons learned and some old ones applied in attempting to bring this classic heavy transmitter from the mid fifties back to service. Yet, as our small band of merry men, who conference nightly on 50.4 MHz, know, bringing these once proud rigs back to life, is an art form, as well a serious technical endeavor.

Our group often wonders how many of the current crop, and earlier, solid state rigs so technically fascinating, will last for fifty plus years and more? And, we are now learning that earlier, first wave solid state gear is not repairable, even with skill, because early solid state replacement components are no longer available. These rigs are headed for the land fill as time moves against them and their ultimate failure. Yet, rigs like the Globe King 500x, it's sister's and brothers of the heavy metal world, are easily maintained with a bit of effort, and will be on the air with high quality signals of commercial quality for as long as; well as long as someone with skill and interest keeps them warm and glowing. It is a fascinating commentary on technology and it's evolution in our time.

Finally, projects lined up and noted in the Board of Director's meeting, include finishing up detailing three R390x's, possibly a rebuild on a Gonset linear for two meters, restoring a modified power supply in my pristine Hallicrafters HT-33B, perhaps getting started on rehabilitating a B&W phasing SSB generator and its companion B&W 5100B . . . not to mention day dreams about this summer's antenna projects, in particular a dedicated vertical for 160 meters . . . or, perhaps not . . . It is wise to remember this is our hobby . . . not a business . . . and is only practiced for fun, learning and the camaraderie inherent in our unique activity. Missy Marilyn put down her meeting notes and passed the plate of Stick Buns. I have just I put another log on the fire, and with Oscar curled up on my lap, and Hairy sleeping beside me, it's time for another one of those tasty pastries, or gosh, maybe even two . . . How good can it get, Ham guys? So, the gang here at the Big KXR hopes you too, are taking time for some dreams of projects not yet finished, one you've planned to start, or whatever keeps you coming back to our special time at the bench and on the air.

**73 from the Dream's Dept
DE W8KXR**

Jan/2010

February 2010

W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 Groundhog Day	3	4	5 Massillon Amateur Radio Club Meeting, Senior Center, Massillon, 2000	6 BD KC8ZCT
7 BD KA8MMN NOARS Winter HAM Fest, Ctc: Darlene, KA8VTS, 216-398-8858, Lorain	8	9	10	11	12 Lincoln's Birthday	13
14 Mid-Winter Hamfest, InterCity ARC, Mansfield, Richland County Fairgrounds, Ctc: Dean Wrasse, 419-589-2415 (1-7 PM Please) Valentine's Day	15 President's Day	16	17	18	19 BD K8LBZ	20 BD N8DZM
21 Swap-n-Shop, Livonia Amateur Radio Club, Livonia, MI, CTC: Doris Kelterborn, KD8DXJ, 734-941-5043	22 Washington's Birthday	23	24	25	26	27 VE Test Session, Canton ARC / Massillon ARC, 0900, Ctc: Gary Kline, (330) 837-2927, Emergency Mngmt Office, Stark County Sheriff Office/EOC, Canton

<p style="color: #800080; font-size: 1.5em; margin: 0;">28</p> <p style="font-size: 0.8em; margin: 0;">BD WD8BGW WASHfest 2009, Castle Shannon (Pittsburgh), PA, Ctc: Carol Danko, KB3GMN, 412-884-1466</p>	<p>Upcoming Events:</p> <p>March 14 - Greater Buffalo Hamfest</p> <p>March 14 - Foothills ARC Hamfest, Greensburg, PA</p> <p>March 20 - Charleston WV Hamfest</p> <p>March 21 - Toledo Hamfest</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="7" style="text-align: center;">Jan 2010</th> </tr> <tr> <th style="text-align: center;">S</th> <th style="text-align: center;">M</th> <th style="text-align: center;">T</th> <th style="text-align: center;">W</th> <th style="text-align: center;">T</th> <th style="text-align: center;">F</th> <th style="text-align: center;">S</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <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;">9</td> </tr> <tr> <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;">16</td> </tr> <tr> <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;">23</td> </tr> <tr> <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;">30</td> </tr> <tr> <td style="text-align: center;">31</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Jan 2010							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	31							<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="7" style="text-align: center;">Mar 2010</th> </tr> <tr> <th style="text-align: center;">S</th> <th style="text-align: center;">M</th> <th style="text-align: center;">T</th> <th style="text-align: center;">W</th> <th style="text-align: center;">T</th> <th style="text-align: center;">F</th> <th style="text-align: center;">S</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">1</td> <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> </tr> <tr> <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> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> </tr> <tr> <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> <td style="text-align: center;">18</td> <td style="text-align: center;">19</td> <td style="text-align: center;">20</td> </tr> <tr> <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> <td style="text-align: center;">25</td> <td style="text-align: center;">26</td> <td style="text-align: center;">27</td> </tr> <tr> <td style="text-align: center;">28</td> <td style="text-align: center;">29</td> <td style="text-align: center;">30</td> <td style="text-align: center;">31</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Mar 2010							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	31			
Jan 2010																																																																																																												
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																																																																																																						
31																																																																																																												
Mar 2010																																																																																																												
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	31																																																																																																									

**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.marcradio.org>

<i>President</i>	<i>Carl Cunert</i>	<i>AB8CC</i>
<i>Vice President</i>	<i>Wade Huthmacher</i>	<i>WD8MIU</i>
<i>Secretary</i>	<i>Dan Anastis</i>	<i>N8DZM</i>
<i>Treasurer</i>	<i>Gary Kline</i>	<i>WC8W</i>
<i>Editor</i>	<i>Gary Kline</i>	<i>WC8W</i>
<i>Trustees</i>	<i>Rich Ross</i>	<i>KA8ZQH</i>
	<i>Don Finley</i>	<i>W8DEF</i>
	<i>Tom Phelps</i>	<i>WD8MBE</i>
<i>W8NP Trustee</i>	<i>Perry Ballinger</i>	<i>W8AU</i>
<i>W8NP Webmaster</i>	<i>Terry Russ</i>	<i>N8ATZ</i>

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 8:00 PM at the Massillon Senior Citizens Building at 39 Lincoln Way West, Massillon, Ohio.

MARC PICTURE PAGE: AWARDS BANQUET



Here they are folks, you're new Officer's for 2010. taking the oath of Office from outgoing Prez Rodger KA8FTS are (L -R)Treasurer Gary WC8W (partially hidden by Rodger) Carl AB8CC new Prez; Wade, WD8MIU; new Vice Prez; Dan N8DZM Secretary; and Tom WD8MBE new Trustee.



Congratulations to Steve Hall KD8ACF for winning the 2009 MARC Public Service Award. Awarded to Steve for his outstanding work in MARC's Safety Breaks, parades, MS walks, Akron U Concession stand (ALL of Them !)



Rodger congratulates Tom, WD8MBE for his winning the MARC's contesting Award for 2009. Tom is rather "new" to the hobby of contesting which is why we like to encourage people to excell in this hobby.



Congratulations to Wade, WD8MIU for winning the 2009 George Turkal W8YHU A-1 Operator Award. Wade received this award for outstanding work not only for MARC's Public Service but his involvement with parades such as the HOF Parade, Akron parades, and almost All of MARC functions! . Wade was the "Energizer Bunny" for 2009!



Rodger congratulates Anne N8GAF for passing a milestone - 25 continous years membership with MARC. Congratulations Anne !

Thanks to Terry N8ATZ for all the pictures shown here. More photos and story can be seen on the MARC web -- site at www.marcradio.org