



# FEEDBACK

**VOLUME 53 ISSUE 7**

**JULY 2008**

**MASSILLON AMATEUR  
RADIO CLUB OFFICERS**

**PRESIDENT**

Scott McCamish  
N3JJT

**VICE PRESIDENT**

Rodger Trompower  
KA8FTS

**SECRETARY**

Dan Anastis  
N8DZM

**TREASURER**

Anne Ballinger  
N8GAF

**WEST STARK INFO**  
NET Thursdays 8:00  
PM 147.18 MHz

**MRN NET Tue, Thur. &  
Sun 8:30 PM 3.600  
MHZ**

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### SHORT SKIP

Wow ! If you missed last month's meeting you missed a terrific symposium on antennas by Mike, WA8MKH. Great presentation. Capacitance, inductance, impedance, and resistance were all made crystal clear. Could this be a Kurt N. Sterba of Worldradio fame in our midst Bunkey ? One can only wonder .....

**73 de WB80WM**

### JULY MEETING

The meeting for the month of July will be held on **July 11th** at 8:00 PM at the Massillon Senior Center. The date was moved to the 11th because of the July 4th Holiday.

We will of course have a discussion about Field Day at the meeting but the final score will not be available until the August meeting. I will have a preliminary report on page 8 of this issue along with some pictures of this year's Field Day.

**PROGRAM FOR JULY:** The program will be on the disaster of Katrina and the setting up of ARES Communications. It will be a Power Point presentation given by Mr. Jim Aylward, KC8PD, who is the Vice President of "PCARS", the Portage County Amateur Radio Club. Jim was really there and took the pictures himself.

His presentation will begin shortly after 8:00PM after a round of introductions and the pledge of allegiance to our flag.

Hope to see you all there.

**73's de KA8FTS >(ô¿ô)<**

### DIODE & TRANSISTOR TESTER



A request was made by a club member

for an easy to build and useful circuit. A schematic for a Diode and Transistor Tester can be found in this edition of **MARC FEEDBACK** (page 4) . The parts are readily available or can be salvaged from old circuit boards such as old modems, computer power supplies, and monitors.



I am looking forward to the building presenting the tester at the MARC club meeting.

**73 de Mike, WA8MKH**

## **MARC MINUTES**

### **June 6th, 2008**

The Massillon Amateur Radio Club meeting was held at the Massillon Senior Center with 29 members and guests present. Scott N3JJT was absent with Roger KA8FTS our V.P. filling in as President. The Pledge of Allegiance was given and a round of introductions was made.

Steve KD8ACF made the motion to suspend reading the minutes and accept them as printed in the Feedback and seconded by Byron KF8UN. Motion Passed.

Ann gave the treasures report.

#### **Committees**

Fox – We had a good turnout at Wampler Park for our CQ Magazine Fox Hunting Weekend and Picnic. There were two Foxes transmitting. One was in the cemetery and the other was in the park beside Washington High School.

#### **Old Business**

Maps Special Event – See Gary WC8W if you want to operate the special event in August. Due to airport regulations only two people will be allowed in the trailer to operate. No free admission to the event.

Tour de Cure in Akron needs more volunteers. It will be June 8<sup>th</sup>.

#### **New Business**

Mosley Jr. antenna manual is needed for the EComm trailer's antenna. It would be nice if anyone could get a hold of one.

Motion was made by Mike KD8ENV and seconded by Byron to purchase Helium for Field Day use. Motion Passed.

MARC had a couple of pictures from last year's Field Day starring Jim WA8GXM in the QST.

Lucky Matt K8MAT won the 50/50 for \$15.

Mike WA8MKH presented a short jam packed program on simple antenna theory and construction. Now just go out and build a simple antenna a learn a little more how they work.

**Minutes by your Secretary Dan N8DZM**

## ... ARES Meeting Recap ...

The Stark County ARES held their second quarter meeting last Thursday, June 12th at the Stark County Emergency Operations Center. The following is a short recap of the items covered at the meeting. Complete details are posted on the Stark Co ARES website at [www.wd8aye.net](http://www.wd8aye.net).

The meeting opened with a short update of the items discussed at the March meeting. This included an update to EOC Director Tim Warstler's request for volunteers for his office, the current status of Winlink in the county, comments received from the Skywarn Spotter training in March, ARES registration update and several other items.

New items discussed covered mostly were comments from the ARES Forum at the Dayton Hamvention. The featured speaker was the ARRL's new Emergency Preparedness and Response Manager Dennis Dura, K2DCD. This portion took up the remainder of the meeting.

The meeting concluded at 9:00 PM setting a date of Thursday, September 11th for our next meeting. Time will be 7:00 PM again at the Stark Co EOC office.

## .. HOF Festival Details ..

Local Coordinators are currently setting their volunteer rosters for this year's Hall of Fame Festival which will be held the week of July 27th through August 2nd. Again this year we will be assisting with both the Community Parade and the Timken Grand Parade. The Community Parade is on Sunday afternoon, July 27th at 2:30 PM. Communications Coordinator is Terry Russ – N8ATZ. Terry will be looking for his normal crew again this year. Emails will be sent out shortly.

Timken Grand Parade is on Saturday, August 2, 2008 at 8:00 AM. Communication Coordinators are:

Parade Route, Bruce Humphrey – KB8SAF who is currently lining up his volunteers.

Dispersal, Wade Huthmacher, WD8MIU. He is also currently working on his volunteer list.

Staging, Coordinator is Dave Beltz, WD8AYE and Terry Russ, N8ATZ.

HOF Appreciation Party is on Friday evening, July 18, 2008. Doors open at 5:30 PM at Canton Memorial Civic Center. You must have an RSVP to attend. Each Communication Coordinator is responsible for submitting a list of his volunteers to get tickets. Further details will be posted on the Stark ARES website as they are known including parade details and assignments, etc.. All parade communications and responsibilities are expected to be the same as last year. One exception — Parade officials will have fewer commercial radios available to them than in the past due to budget

restraints and availability. This will probably mean they will rely on amateur radio communications for routine communications. We need to keep this in mind.

## .. MARC Assists at Tour de Cure ..

Members of the MARC provided mutual aid communications assistance to the Summit County ARES by participating in the 2008 Tour de Cure Ride.

Tour de Cure is a series of cycling events held in more than 80 cities nationwide to benefit the American Diabetes Association. The Summit Co event encompassed several individual rides ranging from a 25 K easy ride all the way to a 100 K (60 miles!) difficult ride.

Nearly 50 amateur radio operators took part in this major communications event with 4 operators participating from our club. Radio operators provided both logistical and medical support communications, shadowing race officials, riding with Medical Transport Units and many were positioned along the various routes to monitor rider movement. Tactical call signs were used due to the numerous positions covered throughout the route. Communications took place on the Summit Co UHF Repeater System with some areas covered using the Cuyahoga Falls ARC 147.27 Repeater. Some communications problems were noted due to the rolling terrain along the race routes. As with all events, some radio communications procedures need a little fine tuning, that is why we participate in these events to continue to sharpen our skills.

Summit Co Communications Coordinator Bruce Brown - KC8RKS reported several bicycle breakdowns and multiple medical incidents occurred during the various rides all handled by amateur radio service volunteers.

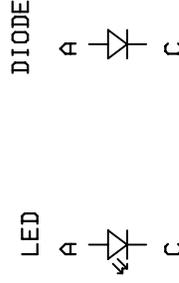
Bruce wishes to thank all the club volunteers for this year's Tour de Cure Ride. They included; Wade Huthmacher - WD8MIU, Mike Palmer - KD8ENV, Ralph Bugg - K8HSQ and Terry Russ - N8ATZ.

**73's for now, Catch you later..  
De Terry – N8ATZ**

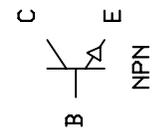
## N8ATZ COLUMN ADDENDUM

A recent event has taken place in which three MARC club members participated. The annual GOBA bicycle ride has taken place on June 19th as it meandered through Tuscarawas County. Rodger KA8FTS and Ron KD8FMV and Rex KD8ELX helped the Tusco club with the event by providing very necessary communications. Thanks goes to Ron, Rodger, and Rex for representing the MARC Club in this very large event!

**G0806**



PLUS = A, MINUS = C, LED ON  
Reverse Leads, LED OFF

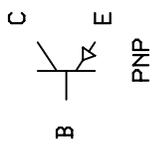


PLUS = B, MINUS = E, LED ON  
Reverse Leads, LED OFF

PLUS = B, MINUS = C, LED ON  
Reverse Leads, LED OFF

PLUS = C, MINUS = E, LED OFF

PLUS = E, MINUS = C, LED OFF

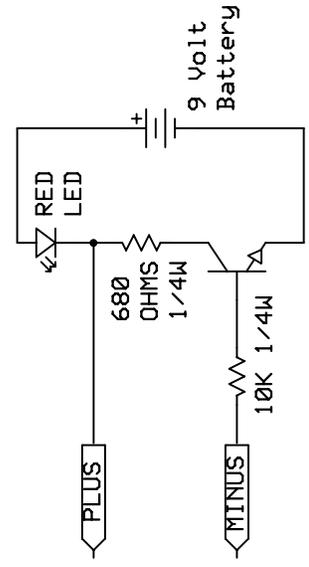


PLUS = E, MINUS = B, LED ON  
Reverse Leads, LED OFF

PLUS = C, MINUS = B, LED ON  
Reverse Leads, LED OFF

PLUS = C, MINUS = E, LED OFF

PLUS = E, MINUS = C, LED OFF



2N2222  
Or Equivalent

**NOTES:**

Using the PLUS and MINUS probes  
Connect to the transistor or diode  
as shown on the left

The RED LED indicates when the  
device is conducting

This circuit can be used to determine  
whether the transistor is an NPN or PNP type  
and to identify leads on diodes & LEDs

<b>DIODE &amp; TRANSISTOR TESTER</b>	
M. J. Sciarini WA8MKH	Page 1 of 1

For Amateur Radio Experimental Use Only

## Ham Cram, or the One-Day Tech Class

by Dan Romanchik, KB6NU

I used to be skeptical of one-day ham radio classes, some times called “Ham Cram” classes. After teaching a couple of these classes over the past year, however, I’ve become a supporter of this method of teaching, at least for the Technician Class license test.

One reason I’m an advocate of the one-day class is that I think a lot of people “learn by doing.” I’m not an expert on pedagogy, but my guess is that more people learn by doing than learn by reading or by listening. That being the case, isn’t it a good thing that new hams get their licenses quickly so that they can begin doing—thereby learning—more quickly?

Second, people are busy. Tell them that the class is going to eat up one evening a week for six to eight weeks and a lot of them will tell you that they just don’t have the time to do it. Squeezing in six to eight hours on a Saturday is, however, something that they can do.

Critics of the one-day classes say that if people just cram for the test, they may learn enough for just long enough to pass the test, but they really don’t know enough to be “good hams,” whatever that may be. There’s some truth to this. It’s important not to abandon them once they get their tickets. I encourage all of the students to join a ham radio club and make myself available to answer any questions they may have as they get started in ham radio.

Critics also say that releasing this horde on the amateur bands will create nothing but chaos. Fortunately, I’ve personally seen no evidence that the hundreds of folks that have taken these classes across the country have created said chaos.

Make Your Next Class a One-Day Class I would encourage you to give this a try. Make your next Tech class a one-day class. You don’t conduct Tech classes? Well, get started! Another benefit of the one-day class format is that it’s easier to find teachers since it takes less time for them, too.

As I mentioned previously, over the past year, I’ve taught two “ham cram” classes. We’ve learned a few things along the way.

Perhaps the most important thing is to stress that students should study the material before coming to class. The study guide we use is one that I’ve written. You can find the KB6NU No-Nonsense Study Guide online at <http://www.kb6nu.com>. You can also purchase a pre-printed version of the study guide at [www.booklocker.com/books/3408.html](http://www.booklocker.com/books/3408.html).

Another key is to not get bogged down on a particular topic. Our class runs

from 9 am to 3 pm, at which time, the VEs come in and give the test. To cover all of the material, you have to keep one eye on the clock and keep plowing ahead. To help you do this, a set of PowerPoint slides for teachers of Ham Cram Tech classes is available at <http://w9pe.us/>.

We conducted our first class last August. Nine out of twelve passed the test that day; the remaining three passed on their second attempt. In early May, we taught our second one-day class. This time, eleven out of twelve passed.

I am encouraged by these results, and I am planning to make these one-day classes a regularly-scheduled event here in Ann Arbor. Time will tell if these people become active, life-long hams, but so far, so good. If you have any questions about our experience with the one-day class, please e-mail me at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com).

(Editor Note: I tried this method once a few years ago. It works only if the student is willing to be “crammed” with a whole lot of information. I really don’t condone this method as when the session is over, the student “forgets everything he learned” rather quickly. Yes it’s true that the long session do tend to be boring and we do lose a few because of the time requirement. I will look into Dan’s suggestions here and maybe give it another try ? 73’s de Gary WC8W)

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### ITS A BOY !!!!



### CONGRATULATIONS GOES TO IGOR (K8INN) AND STEPHENIE NIKISHIN

On the birth of their son Igor Francis Nikishin on June 14th, 2008. A whopping 6 lbs, 13 oz. and 20 inches long. Sorry Scott the name dit dah was ruled out.



Here is a picture of the proud papa

## Tectopic 24

### Of Vikings, Valiants, 6n2s, And How We Learned To Love A Lunch Box

Events and happenings have progressed with the usual intensity you've come to expect of the staff at the BIG KXR. Recall, that out in the world, Area 51 is already taken by some spooky outfit in Arizona, so expansion and refinement of Area 52 and 53 continues at the Big KXR.

Chief Chef, of the Gastric Delights Department here at Big KXR, the highly talented Missy Marilyn has been busy turning out batches and batches of famous Sticky Buns, all of which have been consumed in great quantity by the Chief Engineer, CEO, and generally fine gent (that would be me) . . . along with several gallons of hot chocolate and Jo during blustery winter months; marking this past winter's season as prolific (that means 'a lot') and exciting.

Also, Engineering and Design have not been quite the slackers one might have expected, based on the obvious lack of reporting in recent weeks. Trips to Iowa to visit son Greg and family, Pennsylvania for radio and railroad meets, and Western New York to visit Missy Marilyn's Mom, and brother, as well as big time yard revamping has intensified activity here at the KXR HQ. Oh, and btw, the new F350 is starting to grow antennas! So, all is well, but totally, maybe insanelly busy, is the word here at HQ.

Then, let's cut to the chase. The CEO's complete report is far too extensive to post, but here are some highlights from the secluded underground labs and operating areas at the famous W8KXR radio station. First, activity on six meters at 50.4 Mhz is a regular meeting place for those who are restoring, rebuilding and fabricating heavy metal radios and other stuff. Interests vary, and include steady progress recovering and operating a very wide range of amateur, commercial and military radio gear. Military radios, ranging from pre WWII through the Korean event are regular topics of discussion, with an ART-13 complete with dynamotor power supplies was recently completed by one of the Six Meter Group regulars. Oh, and yes, Ham Boy, the ART-13 is an HF rig, but the discussions and debates on 'how to' on most anything occur nightly on the 50.4 gathering. Drake gear, Knightkits, E.F. Johnson, Ameco, Collins, Clegg, Heath, and Gonset are a few items rebuilt and operated by the group. Here at HQ, steady progress on a cosmetically excellent R-390A is underway and includes recapping critical circuits, start up surge protection, HV voltage adjusted to compensate for a revised power supply, all to protect this ninety-two pound 'best of the best' receiver.

The list of the 50.4 group's activities has become so varied, it is now impossible to list the wide range of equipment either completed, or operational on HF through VHF, or in the queue for a place on the 'autopsy bench' prior to start of rehab. But, there are two recent projects that have spurred excitement and are

true learning experiences involving Heavy Metal radios that have few, if any, buttons to push.

In the case of Heavy Metal, one has to essentially operate these remarkable units. There is very little for the "button pusher" operator, with attention required to keeping these real radios operating and at peak performance.... there are a few exceptions.... and one is the ubiquitous (ubiquitous?) Heathkit Lunch Box. If you are not familiar with the term "Benton Harbor Lunch Box, you may think ur a real Ham...but are to be pitied! (Even Ham Boy knew this one!).

Benton Harbor Lunch Boxes came in several flavors produced in the early and mid sixties...they looked literally like a lunch box and were produced for 11, 10, 6, and 2 meters. Inexpensive, rugged, and easy to build, they use a regenerative receiver and are crystal controlled...weigh about five or six pounds and can be operated mobile as well as off the mains.

So...what's the deal with these mostly forgotten relics of ancient times...who would care about these nasty little radios with not a single button to push...who has the skill set needed to keep such venerable whisperers of the past alive and well? If you have been lurking on 50.4, you will be aware that restoration and operation of several of these little beauties is routine. Several of the gang use these little gems on a nightly basis, as a fascinating change from other heavy main line gear. Such activity puts one in touch with the deep roots of our hobby, and adds a prospective and grasp of radio theory and practice, as well as a tangible link to the heritage of our modern rigs.

The Lunch Box for six meters came in two versions. The original used somewhat hard to find overtone xtals, but the ease of availability of military FT-243 type crystals and possible TV interference in days before cable, appears to have prompted Heath to produce a second version of the 'Sixer'. There were also various mods published allowing the use of inexpensive FT-243's...Finally, if one has never heard a Benton Harbor Lunch Box...they are oddly impressive...with excellent AM audio, putting many of the best modern AM sigs from the sushi boxes to shame, and with receivers of excellent sensitivity.

Here in the BIG KXR's Engineering Lab (directly adjacent to Area 52 and 53) a Sixer is used routinely when the Chief Op takes over autopsies of some pathetically neglected Heavy Metal rig headed for a return to life. The Sixer is patched to Area 52 and out to the Yagi. It is a joy to operate this comparatively simple rig with either its original mic, or a venerable JT-30, running not much more than a watt of RF. Find one...rehab one...come and join us...you'll enjoy it!

Next, a real Heavy Metal restoration is nearing completion on the benches at the Lab. It is a 1963 E.F. Johnson, known as the Viking Valiant. There were a series of Johnson transmitters using the 'Viking' nomenclature; back when it was in vogue to name rigs with neat names, rather than the aimless techno jargon used for modern plastic boxes...In the case of the Valiant, there were two flavors...one, the standard Valiant sporting the well known maroon paint job, and the Valiant II that was silver. These rigs

are nearly identical except for paint, weigh approximately seventy-five pounds, and are capable of superb AM phone with a little tweaking...ok, OK!! So, Mr. Heavy Metal Macho CEO Man...what's the deal with these rigs and the Big KXR? (Ham Boy has so few manners, and is often annoying with his lack of respect and decorum for the CEO...sigh)

Well, Ham Boy, Valiants, and several other Johnson transmitters, were designed to support a six and two meter RF unit that depended on the Valiant for voltages and audio...The Johnson 6N2 is such an add on...a separate transmitter, capable of VFO operation and crystal control. Now, this is no girly-man VHF rig...for those newbies who are impressed with modern VHF stuff and their typical wimpy 50-watt ratings. (Oh Wow and swooning joy, such power!)...the big Johnson combo runs an easy one hundred watts of key down AM, CW, yes on six meters and two...and yes, back in the day it was possible to run FM, although it was not common to do so.

The 6N2 plus the KXR Valiant is ready for on-air tests, pending completion of it's T/R switching and connection to a dedicated Hammurlund HQ-110A-VHF with six and two meter capability...This somewhat unusual version of the HQ-110 is an excellent receiver with a nuvistor front end. The Chief Engineer has completed recapping and testing it on the local six and two meter circuits, and is ready for service. It is cosmetically a 9.7, has the traditional clock in place on the left side of the panel, and will be a great match-up for the Johnson combo, running from 160 meters through 2 meters...

Bringing these rigs back to life follow a pattern for general rehab, with recourse to a well-stocked junk-box (referred to quite accurately by a loyal reader as a High Tech Resource Center) and a mix of new fresh components. All electrolytics and plastic paper caps are changed and resistor values confirmed to be in tolerance. Switches are inspected and treated chemically for trace corrosion. Metering shunts are confirmed...three wire line cords and proper fusing are installed...transformers are cooked off to minimize accumulated moisture...HV wiring is usually replaced and safely routed...tube sockets are cleaned, wiring is bundled in the case of sloppy kit building...wiring modifications, often not skillfully done are repaired and usually eliminated...(this is often a nightmare - where some not so cool gent tried to work design surgery on some of these beauties).

In the case of the Valiant, the audio line was opened up for broader frequency response, and the original clipper circuit by passed...and one other important modification was installed...

In these Heavy Metal rigs, lethal voltages near 700 volts nominal, low voltages of approximately 300 volts, and bias voltages are supplied by transformers that are often difficult to replace due to availability...so it's imperative to protect them...In all transmitter gear restored here in the Lab...these power supplies are fused between the rectifiers and first filter element, along with a load resistor to allow the fuse to react. This has proven to provide a high level of protection against component failure down line. This technique is especially important in initial testing of a rig that may not have been fired up in many years. In

the case of the current Valiant project...this custom fusing has blown in both HV and LV supplies as trouble-shooting and debugging proceeded. The technique is simple and effective, and is standard procedure in all rehab projects at the Big KXR Labs.

This rig has been up and running at full power on a VHF rated dummy load and once for an On-Air test for audio...so far all is a go for finalizing a very beautiful rig that is cosmetically a near 9.8 and 9.8 for performance. Only final integration into Area 52 is yet to be completed...the rig will be operational from 160 meters through 2 meters with close to studio quality audio...Our 50.4 group welcomes all Heavy Metal fans...and those who might want to experience the thrill of real radios that still give a good account of themselves on the air, some do-it yourself experience, as well as insights to our hobby's heritage...

And what might be next up for autopsy and rehab, you ask? Well, a superb commercial SX-28 WWII receiver...a real mainstay when things were not so good in Europe and the Far East, might be next up...followed by a long suffering Globe King 500 and its companion Collins 75A3; and of course a multitude of smaller experiments like the SWR system that signals problems out on the lines during dark and stormy nights when QRO is the order of the day. Of course, progress will be reported to faithful readers of Tectopics as the ever growing, eclectic BIG KXR moves ahead into the enchanting world of Heavy Metal and modern high tec radio communications.

Finally, summer is here and time in the Lab is squeezed in lieu of nasty, icky, time wasting, yard work. So, antenna construction is the focus of the Antenna, Mast and Anchor Department, a highly understaffed and under funded department. But, with some careful planning and If all goes well, an Inverted L for 160 meters will be finalized; an ultra low noise receiving antenna for 160 is ready for building; rebuilding of the 80-75 meter inverted V with a new innovative mast; feasibility of installing a new dedicated 10 meter beam already in station inventory, and design work for a 160 meter vertical are in the feasibility stages over in engineering. Ahhaa, so many projects, so little time.... and the usual maintenance work is of course assumed as summer days slip too quickly into fall and the inevitable move indoors to the lab bench and operating positions.

With these excerpts from the CEO's report at the Big W8KXR, Missy Marilyn's Chef's Report, and the elusive Ham Boy, we hope you too will be more than busy on your station and whatever up-grades, repairs, and expansions you are dreaming about. Remember, and believe...if you have no dreams; you will have no plans...and without any plans...you will be forever banned to do and accomplish nothing...

**73,**

**Dreams and Plans Department  
De W8KXR  
Jun/08**

## THE PREZ SEZ

**W**ell, here we are, July, and another MARC Field Day in the books. Thanks to all of those folks who came out to set-up, operate, and tear down. Thanks to all of those who came out to share some good eats with all of those who were at dinner. Thanks to Jim for storing all of our equipment, and the trailer. Thank you Mike, (KD8ENV) for flippin the burgers. Thank you Kathy,(First Lady), for toting out the cookware and breakfast foods, so you and I could cook breakfast for those who stayed thru the night! (and those who came to the site early!) Thanks to Scott and Sarah for making the store run for drinks and lunch. Thanks to Paul Manson, Councilman at Large, for taking time out of his Saturday to visit the site and ask us plenty of questions! And thanks to the folks who were in our pavilion for leaving and not giving us a hard time! If I missed anyone else, just let me know, and if I did, I will apologize up front!!! I am sure I can speak for everyone at Field Day, a good time was had by all! Gary will fill us in on how good we did when he tallies the results!

Do not forget, that our 2mtr net is on Thursday Nights on 147.180 at 8pm. Still looking for more net controls, ( I think we may have one emerging, I saw her operate the GOTA Station at FD)! You know who I am talking about!

Another reminder; The next meeting will be on July 11th, due to the 4th of July Holiday I hope everyone has a safe 4th, and we get to see all your smiling faces at the meeting!

**Good Luck on your surgery, Rodger!**

Well, that is all from this desk of mine, and hope to see you all at the next meeting!!

**73...De Prez.....N3JJT**

## FIELD DAY 2008 a "wrap up"

Murphy was alive and with us this weekend for Field Day. First the weather was; well a one word description; lousy! Rain both days and Saturday afternoon a storm came up that shut us down for about an hour or so. The only damage was to the club's E-Comm trailer. The wind ripped the walk in door off and threw it to the ground. Jim WA8GXM & Terry N8ATZ quickly repaired the damage and we were once again on our way. Word came from the east that the Canton club lost an antenna during the storm. Hopefully they repaired the damage quickly. The important thing was that no - one was injured !

Sunday didn't fare much better as we began experiencing troubles with the electronic keyer. Finally it took Perry W8AU to get it "back" on the road to recovery. Then of course it had to rain just as the weekend was winding down and we got wet taking everything down. In spite of it all we had a good time !!! This FD will be remembered for a long time !

## FD PICTURES



Above: Tom W8TNP (L) gives Tim Kalbfell, KD8IOH a "brand new" ham instructions on the operation of the club's GOTA station during Field Day. Tim made his first ever HF contacts ! Gina Kalbfell KD8IDE( Tim's XYL) also made her very first HF contacts on the GOTA station ! (Thanks to Gina & Tim for this picture)



(Above) So that's how it's done ! says Carl AB8CC as he looks on as Igor K8INN racks up another contact on the CW station. (Thanks to Scott N3JJT for this picture)

**HAVE A SAFE & HAPPY 4TH OF JULY TO EVERYONE !**



# July 2008

## W8NP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																								
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="7">Jun 2008</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> </tr> </thead> <tbody> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Jun 2008							S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						<p style="color: #800080; font-weight: bold; font-size: 1.2em;">1</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-weight: bold; font-size: 1.2em;">2</p>	<p style="color: #800080; font-weight: bold; font-size: 1.2em;">3</p> <p>Massillon Radio Net - 3599.5, 1930</p> <p>West Stark Info Net - 147.180 at 2000</p>	<p style="color: #800080; font-weight: bold; font-size: 1.2em;">4</p> <p style="color: red;">Independence Day</p>	<p style="color: #800080; font-weight: bold; font-size: 1.2em;">5</p>							
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Please contact K8INN for updates, changes, or additions.