

MICH-A-CON RF

Iron Mountain, MI **JULY**

Meeting Reminder: [Second Wednesday of Month](#)

Which is **July 9, 2014** at 6:30 PM at Dickinson Library.
 Please be there and support the cause of Amateur Radio.

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Words from the President

Another successful Field Day is in the books. This past weekend was filled with memorable experiences, I'm sure, for all that took part. We had a record number of participants and guests.

I am leaving for Maine tomorrow morning and I have yet to start packing; so, these "Words" will be brief.

Highlights

Ten different people operated the GOTA station. We had a 10 year old and a 13 year old make contacts. Debbie, KD8VTS, made 30 contacts and Gary, K4FMX, contributed 25 more. Way to go! We had a total of 74 GOTA QSOs.

Dave, KG9Y, made 14 solar powered contacts using 5 watts.

We had 1,150 bonus points. We only missed the message handling bonus points.

We beat the 595 QSOs made in 2012. We had 666 this year. Conditions were about the same but more operators showed up this year. Sam, N8ATS, had some nice runs on 80 SSB.

Fantastic picnic!!! Great food. Debbie and other did a great job keeping our plates full.

We had a fast take down. We were off the site in two hours.

The Veterans Pavilion is a great venue for public awareness of our club.

Great coffee Burt.

Low lights

Tom, W8JWN, had a bad cable on his RTTY interface. He had to run home and get his FT-1000 MP to operate RTTY The Icom 706 MK II G was moved to the GOTA station, after the club's TS-440 went south. Blown finals?

We lost some operating time, when lightning flashed . The antennas were disconnected and we waited

for the all clear.

“Skeeters” pestered a few ops. It's the official insect of the U.P.

I will have an official scoring report at the meeting. It looks like we beat our previous record by 400 points.

See you on July9th at 6:30.

73,

Tom W8JWN

From Your Newsletter Editor

Thank you to those contributors and critiques.

Welcome your articles - They make the Newsletter.

Field Day is coming upon us soon, make an effort, be a part of the adventure.

Special Thank you to Tom Martin for field day pictures captured while I was away on work vacation

For those not getting the Newsletter, it is because I have an incorrect email address. Please give me the correct address.

Please seen me contacts for the other UP Amateur Radio Clubs. Provides a way of sharing info, classifieds, ham fests, etc.

MICH-A-CON AMATEUR RADIO CLUB**MINUTES OF JUNE 14TH, 2014 MEETING**

President Tom Martin called the meeting to order at 6:40 pm.

Secretary Report

Minutes of the May 14, 2014 meeting were read and approved.

Treasurer Report

Balances as of - May 30, 2014:

Checking - \$19.64

Regular Savings - \$2303.05 of which \$1,862.03 is in the Trailer Fund.

Repeater Savings - \$1,133.43

Petty Cash - \$19.00

Repeater Report

Sam Holmes reported that the antenna for the repeater is on the way. When ordered, we were quoted 10 weeks for delivery and it's been 6 weeks since then. The question was raised as to where it is going to fit on the tower since the current antenna is 9 feet tall, and the new one will be 26 feet. It was determined that we will check with Bob Meyers to see what he wants to do. At present, the repeater is performing about the same as it has been. Windy conditions still cause problems with noise.

Old Business

The ARES Net has been going well, although there were only 5 check-ins last week. Dave Thomas will try to get into the Emergency Communications Net, which meets Fridays on the 80 meter band.

The current W1AW Centennial Stations are Minnesota and Arkansas. States will be coming around for the second time as we are at the midpoint of the Centennial year.

A few members reported that they are still not receiving the club newsletter via email. Bill and Debbie Grabowski as well as Steve Hebert are among this group. Tom Heyboer is continuing to look into a solution.

ARRL Field Day, to be held at the Upper Peninsula Veterans Memorial Park, is coming-up at the end of the month. Terry Moriarity is still trying to figure out where he will be able to park his motor home. It is believed that we could locate two stations in the park pavilion. We will have a CW/Digital station and a SSB station, plus a GOTA station.

Using the beam antenna is not likely, as it is 300 feet to the Kiwanis Ski Club building where we intended to set it up. That distance is too far to be workable. The G5RV and a loop look okay. Terry Moriarity said that he is not sure about using the hex beam. It is thought that a doublet, oriented parallel to the road, also would work well.

Field Day set-up is set for Friday, June 27, at 1:30 pm. Members who indicated take an active role in Field Day were confirmed. The club picnic will be held on Saturday, at 11:00 am. Field Day operating will start at 1:00 pm. President Tom Martin also noted that LaFaive Oil Company has donated \$50 in gasoline, which will be used to power the generator during the Field Day weekend.

Steve Hebert reported that the differences between himself and county zoning appear to have been resolved. He has now gotten approval for a tower, and any power restrictions have not been mentioned.

Jim Rye noted that there have been conversations over our repeater, that have been transmitted, without timely station identification. The regulations require it, plus it gives other hams an opportunity to access the repeater.

The Fox Hunt that has been under discussion over the past several months will probably not be done this summer. It may be a good activity for the fall, before our Veterans' Day special event activity.

New Business

There was no new business.

Adjournment

The meeting was adjourned at 7:35 pm.

For the Good of the Order

Attendees reported on their recent activities.

Submitted by Joe Ferris

Attendees

Tom Martin, W8JWN - President
Scott Jarmusch, KA8TFF - Vice President
Burton Armbrust Sr., WB8EBS - Treasurer
Joe Ferris, KC9TQR - Secretary
Chris Michaud, KD8JMN
Tom Heyboer, KC8TH
Gary Schafer, K4FMX
Jim Riverside, K8ABS
Skip Caswell, KE9L
Jason Leslie, WK9U
Terry Moriarity, K9TRY
Jared Paul, ND8M
Michelle Paul, KD8SZA
Dana Bey, KD8POR
Debbie Grabowski, KD8VTS
David Thomas, KG9Y
Sam Holmes, N8ATS
Jim Rye, W8IFI
Steve Hebert, KD8WAK
Scott Dolatowski, KC9ZBC
Steve Reese, KE8KF
Herb Pahlow, KD9SY
Don Falls, KC8AAA
Kathy Falls, KB8ZZZ

ARRL MICHIGAN SECTION NEWS

Michigan Section News:

June, 2014

Summer has begun (finally) here in the Great Lakes State and hamfests abound and Field Day is looming ever closer. June is the busiest month here in Michigan for hamfests with six events scheduled around the state. The calendar worked out this year to place the IRA and the Luce County swaps on the same day and try as I might, I have not yet figured out how to be at two places at the same time. Where are Marty McFly and Doc when we need them?

As much as I would like to attend all hamfests in the state, time available and logistics sometimes prevent that. It is very important to me to be available at hamfests to meet and greet visitors as well as to assist in problem solution personally or direct folks to the people that can help them solve problems. I try very hard to make the major swaps and try to alternate years on the smaller ones as best I can as well. Michigan is such a large state that it seems that sometimes "I can't get there from here..."

2014 Field Day

The 2014 ARRL Field Day will take place on June 28-29 and clubs across the state and the nation are working at a feverish pitch to get ready for this favorite ham activity. Be sure to place the location of your FD site on the ARRL website so that visitors can find your site.

<http://www.arrl.org/field-day-locator>

FCC Announcement

A couple of days ago, the FCC dropped a bombshell on the amateur community by releasing a Report and Order that makes a major change in our licensing structure as it applies to expired licenses.

From the ARRL bulletin (in part):

In a wide-ranging Report and Order (R&O) released June 9 that takes various proceedings into consideration, the FCC has revised the Amateur Service Part 97 rules to grant credit for written examination elements 3

(General) and 4 (Amateur Extra) to holders of "expired licenses that required passage of those elements." The FCC will require former licensees - those falling outside the 2-year grace period - to pass Element 2 (Technician) in order to be relicensed, however. The Commission declined to give examination credit to the holder of an expired Certificate of Successful Completion of Examination (CSCE) or to extend its validity to the holder's lifetime.

The Report and Order may be found on the web in PDF format at,

http://transition.fcc.gov/Daily_Releases/Daily_Business/2014/db0609/FCC-14-74A1.pdf

ARRL Centennial QSO Party

The ARRL Centennial QSO Party continues to be the highlight of 2014. As of this writing, there have been more than 1.35 million QSO's completed with W1AW portable stations. Many thousands of hams around the world are working hard to contact each week's W1AW portable stations on as many bands and modes as possible. There are some pretty impressive individual contact totals out there with some stations making contact with 8-900 separate W1AW/xx stations. Currently the top Michigan station has 875 contacts!

We are now into the second half of the event with several states having their second turn as W1AW/xx. If you missed any states on the first go-round, now is the time to make that QSO happen in order to preserve your W1AW WAS award.

Don't forget the Centennial Points Challenge where you earn points for simply contacting other ARRL members on the air in addition to contacting the W1AW portable stations. I have had the pleasure of talking to hundreds of hams from around the country and I am hearing many very positive comments about the entire concept of the Centennial QSO Party. Even the event planners at HQ are amazed at the response from the hams of the world. If you load your contacts into Logbook of The World, you can also log into www.centennial-qp.arrl.org to see how your totals stack up against the rest of the world and the rest of your section. There is lots of additional information on that site as well.

Complete information concerning the ARRL Centennial Celebration is available on the ARRL website at www.arrl.org.

Michigan Section Family Outing

This is the monthly reminder about the 16th annual Michigan Section Family Outing that will be held at **the Woodlands Convention Center & Campground near Hale, MI on July 10 – 13**. This annual event is an opportunity for us to get together in a very relaxed atmosphere for a day or two or three or four, depending on your interests and time available.

If you are a camper or an RV'er or just like to get out into the woods, the Section Outing is for you! What could possibly be better than being up north in the summer at a beautiful campground with ham radio friends? Of course, the answer is that nothing is better than that! For those that like the comfort of a hotel room, those are available in West Branch just a short drive from the campground.

There will plenty of fun events along with learning experiences for the whole family. More information can be found at www.sectionouting.info.

Saturday is already jam packed with ARPSC activities and guest speakers. Friday has a Fox Hunt and a HF Digital Sound Card Mode program and demonstration and time to swap war stories with other hams. Look on the website for full details....

Grab a copy of the flyer that is available on the website (near the bottom) and print some copies to take to club meetings, hamfests or anywhere that you may think there might be interested folks. Check that website often as more activities and details are added as we get closer to the event date.

ARRL National Centennial Convention

The 2014 ARRL National Convention will be held in Hartford, CT, the home of the ARRL on July 17 – 19, 2014. It is still not too late to make your plans to attend. Complete information is available on the ARRL website.

CCC On-The-Air Weekend

The following information comes from Dirk, KG8JK:

The Civilian Conservation Corps came into being in the spring of 1933.

Its goal was twofold: to provide needed economic relief to families suffering from the effects of the Great Depression and to protect and develop the natural resources of the United States. We want to honor the contribution that "The Boys" of the corps made to our country and to our natural environment by holding the first annual CCC On-The-Air Weekend. The event will take place the second full weekend in August, 2014. As radio played a big part in how the camps communicated with each other, we would encourage you to activate the actual location of one of the camps. However, if it is no longer accessible or you cannot get permission to set up on the site, you may operate from one of the project sites the camp worked on.

Many state and local parks have buildings that were constructed by the "CCC Boys" and would make a suitable place to not only honor them but also promote amateur radio at the same time. Our goal is to make contacts between as many of the camps as possible and to contact as many amateur radio

operators as possible. Please spread the word and contact kg8jk at ccc@qsl.net if you are interested in participating. We would also love to hear your stories of the CCC. Check out our website at www.qsl.net/ccc for more information.

The first annual CCC On-The-Air weekend will be held the second full weekend in August, 2014. We would encourage you to activate the actual location of one of the camps however, if it is no longer accessible or you cannot get permission to set up on the site, you may operate from one of the project sites the camp worked on. Many state local parks have buildings that were constructed by the "CCC Boys" and would make a suitable place to not only honor them but also promote amateur radio at the same time.

Our goal is to make contacts between as many of the camps as possible and to contact as many amateur radio operators as possible. This is a work in progress so any ideas would be welcome. We would like to present certificates to all groups that activate a camp and possibly certificates for anyone contacting a certain number of camps. You may want to make a QSL card for the event showcasing the CCC company that you are representing. We will attempt to post a listing of all the participating camps so be sure to let us know which camp and Co# you wish to activate. Each of the camps would check into a net every day to pass traffic and keep in contact with the other groups. As part of the weekend, we would like to host a net where we could all check in and give some information on our location and set up. More details will be forthcoming so check in from time to time.

Contact KG8JK at ccc@qsl.net for additional information.

Hospitality Acknowledgements

June 1, 2014 Chelsea Hamfest
 June 7, 2014 Luce County Swap
 June 15, 2014 Monroe Hamfest
 It was a pleasure to attend your event.

Section Staff Travel Plans

Jun 21, 2014 West Michigan Youth Club Hamfest, Lowell, MI – WB8R
Jul 10 – 13, 2014 MI Section Family Outing, Hale, MI – MI Section Staff
Jul 17 – 19, 2014 ARRL National Convention, Hartford, CT – WB8R
 Jul 26, 2014 CMARC Outdoor Swap, Lansing, MI – WB8R
Aug 2, 2014 Upper Peninsula Hamfest, Escanaba, MI – WB8R
 Sep 13, 2014 GRAhamfest, Wyoming, MI – WB8R
 Sep 14, 2014 Adrian Hamfest, Adrian, MI – WB8R
 Oct 18, 2014 Muskegon Color Tour, Muskegon, MI – WB8R
 Oct 19, 2014 Kalamazoo Hamfest, Kalamazoo, MI – WB8R
 Oct 26, 2014 USECA Hamfest, Madison Heights, MI – WB8R

Michigan Section Traffic/ARPSC Nets (All times Local)

MACS -	MI Amateur Communications System 3.952 1000 Daily
UPN -	Upper Peninsula Net 3.921 1700 Daily; Noon Sunday
MIARPSC -	MI Amateur Radio Public Service Corps 3.932 1700 Sunday
QMN -	The Michigan Net 3.563 1830 and 2200 Daily
MITN -	MI Traffic Net 3.952 1900 Daily
MIDTN -	MI Digital Tfc Net 3.583 (Olivia 8/500) in waterfall 2000 Tues, Thurs, Sat
GLETN -	Great Lakes Emergency and Traffic Net 3.932 2000 Daily
MVTN -	MI VHF Traffic Net IRA Link System 2100 Mon, Wed, Fri, Sun
NLEUP -	Northern Lower Eastern UP Net 146.64- 18:30 Daily
SEMTN -	SE MI Traffic Net 146.76- 2215 Daily
TMMTN -	Thumb Mid Michigan Traffic Net 147.30+ 2130 Mon - Sat

More information is available at <http://nts-mi.org/>. Come join us on our traffic and public service nets.

Amateur Radio Public Service Corps (ARPSC) Activities

Station Activity Reports (SARs) for May, 2014: K8LJG 289, WB9JSR 265, WB8WKQ 249, K8RDN 238, N8FVM 129, KD8AAD 95, KB8RCR 58, WB8RCR 41, KC8BW 35, KD8ULU 18, N8UN 15, W8MSK 11, N8OSL 8, WB8R 6, KC8YVF 4, WB8WJV 4, KD8EBY 2, W8TBC 1, NE8B 1.

Total SAR reported: 1469

Brass Pounder's League (BPL) for May, 2014: 289.

Public Service Honor Roll (PSHR) for May, 2014: N8OSL 410, KD8EBY 344, WB8RCR 255, W8TBC 245, K8RDN 240, N8FVM 215, WB8R 191, KC8YVF 132, KB8RCR 120, WB9JSR 100, WB8WKQ 100, NE8B 86, KC8BW 85, KD8AAD 53, KD8ULU 23, KD8LSM 16.

Net traffic for May, 2014: Michigan Traffic Net 90, Michigan Amateur Communications System 88, Michigan VHF Traffic Net 70, Southeastern Michigan Traffic Net 69, Upper Peninsula Net 48, Great Lakes Emergency and Traffic Net 42, Michigan Digital Traffic Net 33, Motor City Radio Club 2 Meter Net 9, Michigan Amateur Radio Public Service Corps 6, Saginaw County ARES Net 3, District 3 ARPSC Net 2, Bay Area Regional Traffic System 1, District 3 Digital Training net 1, Chelsea ARC Net 0, Branch County Digital Net 0, Branch County Emergency Net 0, District 5 Hospital Net .

Total net traffic reported: 462

Total value of ARES activity for May, 2014: \$98,417

Total value of NTS activity for May, 2014: \$39,753

Total value of Michigan Public Service for May, 2014: \$138,170

Parting Comments

If you are reporting monthly to our SEC/STM WB8RCR, you can see your PSHR eligibility status at <http://www.nts-mi.org/>. The full details are at: <http://www.arrl.org/public-service-honor-roll>. This award recognizes the efforts of hams that are active in public service. Those reporting accumulate points for checking into nets, volunteering, holding Section appointment(s) and handling message traffic.

EC's can see their reports of Form FSD-212 here:

http://ares-mi.org/ec_his.php If you send your report to WB8RCR and don't see it noted there, send a note to John to tell him your report has gone missing.

EC's: Be sure to share your FSD 212 with your District EC, your ARES/RACES members and with your county's Emergency Manager and others in your jurisdiction who need to know what you and your ARES/RACES group are contributing to your community each month.

Thank you for all of your efforts on behalf of the people of the State of Michigan and for filing your monthly reports. It really shows how active Michigan is in holding a leadership position for ham radio public service activities.

73 until next month,

Larry, WB8R

ARRL Michigan Section
Section Manager: Larry Camp, WB8R
wb8r@arrl.org

Weaver's Words

From June

+++ ARISS to go Quiet this Winter +++

Charlie Sufana AJ9N of the ARISS program reports there will be no Amateur Radio operations from the International Space Station beginning 10 November through 7 December this year. The reason for the quiet hours is there will not be a radio amateur on board. Amateur operations continue until 10 November and will resume after 7 December when a new crew comes on board the station.

+++ ARRL Initiates Online Practice Exams +++

"The ARRL has launched a new online resource that allows users to take randomly generated practice exams using questions from the actual examination question pool. ARRL Exam Review for Ham Radio™ is free.

Users do not need to be ARRL members. The only requirement is that users must first set up a site login (this is different and separate from any ARRL website login the user may have).

"The ARRL's online Exam Review is designed to help license examination candidates review their progress as they study,' said ARRL Marketing Manager Bob Inderbitzen, NQ1R. 'As you complete a chapter or section of a license manual, you can turn to the online program to review all of the related questions taken directly from the examination question pool. After answering each question — right or wrong — the correct answer is shown, and a page reference to the license manual is displayed for further review.'"

This, of course, is not the only online test examination service available, but it adds still another dimension to the ARRL services available to amateurs and people studying for an Amateur Radio exam.

+++ Scott Yonally, N8SY Returns as Ohio SM +++

Ohio Section Manager Scott Yonally, N8SY has been elected to a full two-year term as SM. His election to the office was uncontested; therefore, he is declared elected.

Scott had been appointed effective January 1, 2014 to succeed former Ohio SM Frank Piper, KI8GW who resigned to meet increased work demands.

Scott has been doing a fine job in managing ARRL operations in the Section. His new term in office begins October 1. It will end September 30, 2016.

Congratulations, Scott.

+++ Dale's Tales for July +++

In a couple of weeks, many of us will be converging upon Hartford and Newington for the National Convention of our ARRL. It is a huge celebration of our 100th anniversary and certainly an event one should not miss. Visit: <http://www.arrl.org/convention-forums-and-presenters> for a listing of the forums and the schedule. These programs are top notch with the experts in the field making the presentations. Checking various site links from the ARRL home page will allow you to examine the Youth Programs and all of the other convention-related events. Time is short, you can register on-line, head out and enjoy the National Convention.

The Field Day Safety article on page 70 of June QST is a good reminder to never overlook the importance of safety at our Field Day sites.

Operators and visitors alike need to be kept aware of the urgency of site safety. Taking a short-cut to save time could be a life-endangering mistake. I do hope that everyone enjoyed a safe and secure Field Day operation and contacts were at all time high numbers.

73, see you on the bands.

Dale Williams WA8EFK
Vice Director, Great Lakes Division
wa8efk@arrl.org

+++ FCC Revises Amateur Radio Rules +++

On June 9, the FCC issued a Report and Order (R&O) that addressed a couple of topics that had been submitted through petitions and tidied a few items that needed correction. The changes of substance in the R&O relate to giving essentially life-time credit for certain amateur exam elements and permitting some forms of TDMA digital. I will address only the life-time credits. The entire R&O can be read at http://transition.fcc.gov/Daily_Releases/Daily_Business/2014/db0609/FCC-14-74A1.pdf.

The licensing changes make it less formidable for someone whose license has expired beyond the grace period for renewal, to become relicensed.

Essentially, holders of expired General, Advanced, and Extra licenses, and of Technician licenses issued before March 21, 1987, can regain their former license status by passing the current Element 2 (Technician) examination. There is no need to retake the higher-level license elements.

The result of the new rule is that former licensees will be given credit for examination elements beyond element 2 as follows:

- Former Extra Class ops will receive credit for Elements 3 and 4.
- Former General Class and Advanced Class ops will receive credit for Element 3.

Old CSEs cannot be used as proof of credit for any exam element.

+++ Activities for Young and Wanna-be Hams featured at ARRL National Convention +++

The ARRL National Centennial Convention July 17-19 in Hartford, Connecticut, will include a variety of activities aimed at young and prospective hams. These activities will include two youth forums, a hidden transmitter hunt, a scavenger hunt and the Youth Radio Lab.

Focused on younger and would-be amateurs, the ARRL Discovery Station in the ARRL exhibit area in the Exhibition Hall will appeal to the interests of visitors of all ages.

"The Discovery Station will have a range of hands-on exhibits to help visitors to understand the basics of radio waves, and projects that young operators can explore in the world of exciting world of Amateur Radio," said Tommy Gober, N5DUX, who will head up the ARRL Discovery Station team. 'Stop by the Discovery Station to discover the different parts of what makes up a radio wave, try out some of the electronic kits available through the Education & Technology Program (ETP), and get inspired to create something of your own.'

"Gober said the Discovery Station will feature some of the robots developed by ARRL Teachers Institute participants, as well as a CubeSat simulator, and an audio-frequency oscillator with an oscilloscope display and speakers — to help visitors understand the relationship between amplitude and frequency. Visitors will be able to change these relationships by moving their hands over a sensor. 'We'll also have two different-sized coils to stretch or shrink to demonstrate the relationship of coil size and spacing on inductance,' Gober added.

'Essentially, [we'll offer] stimulating, hands-on things for visitors to do.'"

"Visitors do not need to be Amateur Radio licensees to attend the convention, but registration is required for all attendees, including youth. Two-day tickets (Friday and Saturday) are free for those who are age 21 or younger. Advance registration is recommended."

For details about youth activities, go to

<https://www.regonline.com/builder/site/Default.aspx?EventID=1248082#youth>

+++ W1AW/p Stations: How do They Come About? +++

Amateurs tell me that contacting the W1AW/p stations from each state and US territory, and on each band, is the best part of the year-long ARRL Centennial Party. On the other side of the coin, I've spoken with many amateurs who have been operators at a W1AW/p station and been told this was one of the greatest experiences they have ever had in Amateur Radio. In short, the roving W1AW has proven to be a real blast for everyone involved! But, how are the operators of these portable stations selected?

The first step in identifying W1AW/p operators is for staff at HQ to select an amateur from the state or territory to head one of the operations. Typically, the person selected has a proven track record of quality operating under Contest or DX pileup conditions. The reason for this is that each W1AW/p station generally is inundated with calls during the first several days it is on the air. Skill in managing hoards of stations calling at the same time is critical to the success of the portable operation.

Once the coordinator for a portable operation has been selected, he or she must determine the best way to fill the time slots the station will need to be on the air. Taken to the extreme, for an operation to be active on eight bands simultaneously, 24 hours a day for 7 days, the coordinator will need to fill 1,344, 1-hour time slots. To this, add four operating modes (CW, SSB PSK-31, RTTY) which brings the number of operator-time hours to 5,376. Using an ideal two operators on each hour slot, the total of operator hours jumps to 10,752. Obviously, all eight of the bands will not be open 24-hours/day, so these extreme numbers will not be needed. Regardless, the number of operators needed to put eight bands using multiple modes on the air for a week is rather great.

Working from the number of operator-hours that are needed to be filled, the coordinator might next determine if the operation needs to be spread throughout the entire state, or if there is a sufficient density of amateurs in one locality to get the job done. Oh, and one more thing .

.. How many stations are there that can do the job of giving W1AW/p QSOs out effectively in pileups? As much as many hams love to operate QRP, I don't think that using a QRP station with a long-wire antenna would generally be very effective. Strong stations are probably the best for most modes and situations.

I don't pretend to know the best answer to all the questions a portable coordinator faces. What I think I know is that a few of the portable operations that have taken place so far this year have used truly awesome, single station sites that boast several operating stations -- top-of-the-line club contest stations. In most instances; however, operations have been spread throughout much or all of a state to utilize most effectively the resources of operators and equipment that are available to achieve the greatest results.

Merely thinking about this casts a new light on how one might want to answer the question, "Do you want to get a group of guys together to operate W1AW/p for a week?"

Fortunately, the amateurs who have answered this question "yes" have done a great job of coordinating the staffing and operation of their W1AW/p charges.

+++ Closing Item for the Day +++

Over the past several years, I have received many questions concerning any action the FCC may take regarding the operating activities of Glenn Baxter, K1MAN. Of course, I had no more insight into the Commission's thinking than anyone else. FCC has now spoken.

Mr. Baxter's application to renew his license has been denied. This denial came as routine action and can be seen at <http://wireless2.fcc.gov/UlsApp/ApplicationSearch/applMain.jsp?applID=3052669>.

In addition to the opening screen, there is an attachment that can be read by clicking on the "Attachment" link.

+++ Tentative Travel and Hamfest Schedule +++

Jul 10-13 - Michigan Summer Outing, Hale, MI -- WB8R, MI Staff
Jul 12 - 20/9 RC Tailgate and Hamfest, Austintown, OH
Jul 17-20 - ARRL Centennial National Convention 2014, Hartford, CT -- K8JE, WA8EFK
Jul 20 - Van Wert Hamfest, Van Wert, OH -- Ohio Cabinet
Jul 20 - PSC Meeting, Hartford, CT -- K8JE Jul 21-22 - ARRL BoD Meeting, Hartford, CT -- K8JE, WA8EFK
Jul 26 - 2014 CMARC Outdoor Hamfest, Lansing, MI -- WB8R
Jul 27 - Portage HAMFAIR '14 - Randolph, OH -- WA8EFK, Ohio Cabinet
Aug 2 - UP Hamfest, Delta County ARS, Escanaba MI
Aug 2 - Ohio Section Conference & Columbus Hamfest, Columbus, OH --
QSL Checking - N8SY, Ohio Cabinet
Aug 3 - Seaway Trunk Swap, Port Huron, MI -- QSL Checking
Aug 10 - Central Kentucky ARRL Hamfest, Lawrenceburg, KY -- QSL Checking -- KY4Z
Aug 17 - Warren Hamfest, Cortland, OH -- QSL Checking
Aug 24 - Cuyahoga Falls ARS Tailgate Hamfest -- Stow, OH
Sep 6 - Greater Louisville Hamfest, Shepherdsville, KY -- KY4Z -- QSL Checking
Sep 7 - Findlay Hamfest, Findlay, OH -- WA8EFK, N8SY
Sep 13 - GRAHamfest, Wyoming, MI -- QSL Checking -- WB8R
Sep 13 - Richmond Hamfest, Richmond, KY -- KY4Z
Sep 14 - Adrian Hamfest, Adrian, MI -- WA8EFK, WB8R
Sep 21 - OHKYIN ARS Hamfest, Cincinnati, OH -- QSL Checking
Sep 28 - Cleveland Hamfest & Computer Show, Cleveland, OH -- QSL Checking -- N8SY
Oct 4 - 'Vette City Hamfest, Bowling Green, KY -- QSL Checking -- WA8EFK, KY4Z
Oct 5 - Conneaut ARC Hamfest, Conneaut, OH
Oct 18 - Muskegon Color Tour Hamfest, Muskegon, MI -- WB8R
Oct 19 - Kalamazoo Hamfest, Kalamazoo, MI -- QSL Checking - WB8R
Oct 25 - Hazard KY Hamfest - Hazard, KY -- KY4Z
Oct 26 - USECA Hamfest - Madison Heights, MI -- WB8TKL
Nov 2 - Massillon ARC Hamfest, Massillon, OH -- QSL Checking - N8SY

Jim Weaver, K8JE
Director, Great Lakes Division
5065 Bethany Rd.
Mason, OH 45040
Tel. 513-459-1661; e-mail K8JE@arrl.org
ARRL: The reason Amateur Radio Is
Members: The reason ARRL is

Reflections:**Field Day 2014**

From Tom Martin, W8JWN

We had a great time at FD, despite the rain and skeeters. Over 20 members participated. Great turnout of operators and new people operating on GOTA and other radios. Everyone said that we should go back there next year.

Lost the club radio. Finals shorted, according to Gary. He will look at it. Had to use two of my radios. Steve also brought a radio. Used Terry's radio on GOTA on Sunday morning.



Debra, Terry and Bill at GOTA



Terry, Dave, Bill and Debra at GOTA



No Place Like Home



Gary giving directions



Chow Time



Antenna Preparation

News

Membership List

Call Sign	Last Name	First Name	City	Phone	Email
KD8GHG	AHO	ROGER	QUINNESEC	906-774-3552	rogeraa@chartermi.net
N8WQG	ANDERSON	LE ROY	CRYSTAL FALLS	906-265-3960	n8wqg@fast-air.net
WB8EBS	ARMBRUST	BURT	QUINNESEC	906-774-8383	wb8ebs@yahoo.com
W8XBO	ARMBRUST	ED	IRON MOUNTAIN	906-779-5593	w8xbo@sbcglobal.net
KC9KVP	BAKER	BETH	NIAGARA		
KB9AVX	BAKER	SCOTT	NIAGARA	715-251-1944	kb9evx@yahoo.com
KD8POR	BEY	DANA L.	KINGSFORD	906-774-7937	lst797@charter.net
W9MB	BOILEAU	MIKE	NIAGARA	906-563-1350	w9mb@uplogon.com
K8DDB	BRAY	MIKE	VULCAN	906-563-7020	mikebray@chartermi.net
KC9SBY	BROSCHART	FRED	NIAGARA	715-251-1423	broschart.fred@gmail.com
KE9L	CASWELL	SKIP	IRON MOUNTAIN	906-774-3371	acaswell4238@charter.net
KD8GLO	COSTA	ART	KINGSFORD	906-774-7388	cattraxcavator@hotmail.com
KC9ZBC	DOLATOWSKI	SCOTT	GOODMAN	715-633-1006	kc9zbc@live.com
KC8CKX	FAULKNER	JAMES	FOSTER CITY		j.chearit@yahoo.com
KC9TQR	FERRIS	JOE	FLORENCE	517-589-4386	jferris@borderlandnet.net
N9MBG	FRY	EDWARD	PEMBINE	906-221-7307	efry@centylink.net
KG8NK	GEMBOLIS	LOUIS	ISHPEMING	906-485-5442	lgembolis@chartermi.net
KD8VTS	GRABOWSKI	DEBRA	CRYSTAL FALLS	906-284-2450	kd8vts@gmail.com
KD8VTT	GRABOWSKI	WILLIAM	CRYSTAL FALLS		(use above)
KD8WAK	HEBERT	STEVEN	IRON MOUNTAIN	906-221-2507	viparsteve@yahoo.com
KC8TH	HEYBOER	TOM	IRON MOUNTAIN	906-779-0481	heyboer.tom@gmail.com
N8ATS	HOLMES	SAM	PEMBINE	906-322-8507	chopsam@centylink.com
KA8TFF	JARMUSCH	SCOTT	IRON MOUNTAIN		s_jarmusch@yahoo.com
HC8SZP	JOHNSON	DEBBY	IRON MOUNTAIN	906-396-9323	
KC8RYY	JOHNSON	STEVE	IRON MOUNTAIN	906-396-5292	kc8ryy@outlook.com
KB9EMU	KNUTSON	WILLIAM	FENCE	715-336-2250	dknutson54@gmail.com
KB8ETK	KOMBLEVICZ	JOSEPH	IRON MOUNTAIN	906-774-4094	kombleviczj@charter.net
W8JWN	MARTIN	THOMAS	IRON MOUNTAIN	906-774-5463	tmartin@chartermi.net
KC9KWS	MAXWELL	RED	FLORENCE	574-855-8666	kc9kws@yahoo.com
WA8FXQ	MEYERS	BOB	VULCAN	906-390-0119	meyersb@uplogon.com
KC8LRP	MEYERS	MARGE	VULCAN	906-396-8913	mgmeyer@uplogon.com
KD8GLP	MIERAS	NATE	KINGSFORD	616-240-6919	kd8glp@gmail.com
N8TUM	MILLER	TIMOTHY	MILWAUKEE		
K9TRY	MORIARITY	TERRY	NIAGARA	715-251-1670	kb9zer@yahoo.com
ND8M	PAUL	JARED	NORWAY	989-660-9535	jaredpaul@me.com
KD8SZA	PAUL	MICHELLE	NORWAY		
KC9NFT	PERRON	BARRY	FLORENCE	715-887-2892	hperron2@netzero.com
KC8JRI	REED	GORDY	IRON MOUNTAIN	906-779-1254	gordyreed@charter.net
K8ABS	RIVERSIDE	JIM	IRON MOUNTAIN	906-458-0773	jriverside@charter.net
W8IFI	RYE	JIM	CRYSTAL FALLS	906-875-3582	jimye@up.net
KC8JRH	SCHLITT	PETER	NORWAY	906-563-8126	peteschlitt@yahoo.com
KD8KUF	SCHULTZ	PAUL	KINGSFORD	906-774-8900	pauls@schultzequipment.com
KD8CCP	SKAUGE	STEVE	ISHPEMING	906-458-4798	kd8ccp@yahoo.com
KG9Y	THOMAS	DAVE	NIAGARA	715-251-1393	kg9y@arrl.net
KD8KUI	ADAM	DENNIS	IRON MOUNTAIN	906-774-8129	duferdoc@chartermi.net
KD8QEX	AMICANGELO	PERRY	VULCAN	906-563-8076	perryamicangelo@msn.com
K8SWX	BEURJEY	DENNIS	KINGSFORD	906-282-4440	dbeurjey@gmail.com
KC8QZG	DAKE	DAVE	NEWBERRY		
KD8LQK	HULL	ADAM	NIAGARA	715-251-1302	hullar13@baycollege.edu
KD8SZA	LASEN	MICHELL	NORWAY	231-510-0202	myln1973@gmail.com
KB8YEU	O'BRION	JACK	NORWAY	906-396-3316	jobrion@sbcglobal.net
KD8DJK	SCHUTTE	JOE	VULCAN	906-563-8273	dschutte@uplogon.com

CLASSIFIED

Help Wanted:

Gene Meyers, 7741256, owner of GM Communications (Motorola). in Iron Mountain called me this morning.

He is looking for a **full time and part time equipment installer** & wanted to know if I knew of anyone looking for a job. He asked me to put the word out, he would prefer someone with two way radio experience. He will be advertising in the paper shortly.

Ride Wanted to Swap/ Hamfest

Contact: Herb (KD9SY) 715-324-5325
Will share expenses

For Sale

- Radio, 10M Mobile Rig
For more details
Contact: Herb (KD9SY) 715-324-5325

For Sale

Timewave Technology PK232 mbx Multi Mode Controller for Packet, CW, RTTY, etc. Used very little. Recent factory upgrade. Manual and all cables. \$90

Contact: Tom Martin, W8JWN

UP Hamfest Informatio

Hamfest 2014 **Saturday, August 2, 2014**
0900 – 1400 hrs (EDST)

Location: **Bay de Noc Community College**

2001 N. Lincoln Rd.

Escanaba, MI 49829

Coordinates: N45 46.226 W087 05.087

Admission: N/A

First table free. Each additional table: \$5.

Talk-in Freq: 147.150 (+600 / 100 PL)

Setup: Friday: 1800 – 2100 hrs

Saturday: 0700 – 0900 hrs

Events: U.P. Net Meeting

QCWA Chapter 219 Meeting

UP Amateur Radio Repeater Association (UPARRA)

UP ARES Meeting

Vendors & Swap

Food

LINKS:

ARRL WEB PAGE: http://www.arrl.org	
ARRL MICHIGAN: http://www.arrl-mi.org/	FCC Universal Licensing System: http://wireless.fcc.gov/uls/
US REPEATERS: http://www.usrepeaters.com	QTH.COM: http://www.uth.com/
MICH-A-CON : http://www.0sl.net/kalddb	QRZ.COM: http://www.urz.com/
Tropospheric Ducting Forecasts: http://www.d/infocentre.com/tropo.html	Ehamnet.com: http://www.eham.net/
	U.P. Skywarn: http://kcra-mi.net/skywarn/

Delta County Amateur Radio
Escanaba, MI
www.dcars.org

Cooper Country Radio Amateur
Dollar Bay, MI
www.ccraa.net

Keweenaw County Repeater Ass.
Hancock, MI
www.kcra-mi.net

Area Repeaters

Escanaba	147.15+	100.0
	145.13-	No PL
Wells	444.30+	No PL
Gladstone		
IRLP 4013	147.55	Smpx 100.0
Champion	146.82-	100.0
Cooks	146.70	- 110.9
GrdMarais	147.195+	No PL
Gwinn	146.64-	100.0
Iron Mtn	146.85	- No PL
Iron River	145.17-	107.2
Ishpeming	146.91-	No PL
IRLP 8993	443.50+	100.0
Manistique	146.79	- No PL
Marquette	146.97	- No PL
	147.27+	100.0
	444.80+	No PL
Menominee	147.00+	107.2
Newberry	146.61+	No PL
	147.09+	114.8
Republic	147.09+	No PL
Trenary	147.03	+ 100.0
Wetmore	145.41-	100.0

Wisconsin Repeaters

Abrams	146.835	- 107.2
Crivitz	145.47	- 107.2
Egg Harbor	146.73	- 107.2
McAllister	146.88	- 136.5
Green Bay	147.12	+ 107.2
	147.27	+ 107.2
	146.685	- 107.2
	145.49	- 100.0
Sister Bay	147.18	+ No PL
Sturgeon Bay	147.21	+ 107.2

ARRL Affiliated Club Area Nets

UP Net	3921khz
Daily	5pm EST
Sunday	Noon EST
UP CW NET	3590khz
Sunday	7pm EST
160 Net	1895khz
Everynight	0100UTC
Dailey	0600UTC
Midcars	7258khz
Daily	0730am EST
	0200pm EST
Outhcars Node	9614
Saturday	0900am EST
UP Echolink Node	9617
Sunday	8pm EST
Delta County ARES	147.150
Sunday	7pm EST
Mich-A-Con Social	146.850
Thursday	0630pm CST
	ARES follows

ABOUT OUR CLUB.....**Club Officers****President:****Tom Martin, W8JWN****(906) 774-5463****tmartin@chartermi.net****Vice President****Scott Jarmusch, KA8TFF****sjarmusch@yahoo.com****Secretary:****Joe Ferris, KC9TQR****iferris@borderlandnet.net****Treasurer:****Burt Armbrust, WB8EB****(906) 774-8383****Wb8ebs@yahoo.com****Newsletter Editor:****Tom Heyboer, KC8TH****(906) 779-0481****Heyboer.Tom@gmail.com****We're on the Web!***See us at:***<http://www.osl.net/ka1ddb/>**

Previous editions of
Mich-A-Con RF can be
 accessed by a link on the
news page

Activities:

Second Wednesday of the month the Mich-ACon Amateur Radio Club meets in the Dickinson Country Library at 7:00 P.M. Winter or **6:30 PM** Summer

Visitors and prospective members are always welcome!

Club Repeater:

The Club maintains two repeaters which are located on Pine Mountain (Elevation 1650 ft) in Iron Mountain with tower and facilities provided by the Wisconsin Electric Power Co.

The range of the 2 meter repeater is about 40 miles. The range of the 440 MHZ repeater is about 25 miles. Both are under normal conditions, depending upon terrain.

The Repeater Specifications:

The 146.85 repeater is a GR Master Pro, 40 watt output. The 440 MHZ repeater is a GE Master Pro, 80 watt output. The repeaters share a Diamond dual band antenna at a tower height of 125 ft.

Please remit dues to :

Burt Armbrust, WB8EBS
693 Cliff St
Quinnesec, Mi. 49876

Name: _____

Call Sign: _____

Address: _____

City, State, Zip: _____

Email Address: _____

Phone: _____

ARRL Member? Yes _____ No _____

Please make check payable to: **Mich-A-Con ARC**

Annual dues for Full Membership -

Single \$20 __ Family \$30 __

Repeater Only \$10 __**

If family membership, please list additional:

Names: _____

Call signs: _____

City, State, Zip: _____

Annual dues are Payable January 1st.

Dues for New Members are Pro-rated. Please remit \$1.67 per month for a Single membership or \$.50 per month for a Family membership.