

MICH-A-CON RF

Iron Mountain, MI

MARCH

Meeting Reminder: **Second Wednesday of Month**

Which is **March 11, 2015** at 7:00 PM at Dickinson Library.

Please be there and support the cause of Amateur Radio.

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Words from the President

I'm glad to see the excellent turnout for the Thursday night 2 Meter Net. Thanks Bob and Terry for being there as net control operators. Also, Dave has had good attendance on the ARES Net that follows the social net.

The past two Thursdays, after the ARES Net, we have had code practice on 10 meters. We use 28.310 because technicians can operate SSB there. So far, we have had Sam (N8ATS), Dave(KG9Y), Terry(K9TRY), and Joe(KC9TQR) on frequency. I have been starting on SSB with instructions and then going to CW. I will have more information about the code practice at the next meeting.

Your president hasn't been doing too much radio operating the past few weeks. I've been resting up for the next RTTY contest on March 21st. The BARTG Spring HF RTTY test is the last one of the year for me.

DX Info:

Eritrea(E3) will be on again. March 6th -March 17. I got E3 last September on 20 meter SSB for a new one. Need the latest E3 on RTTY and CW.

Andaman and Nicobar (VU4) are on from March 6-March18.

Dem Rep of Congo ((Q0HQ will be on from March 10-March 25.

Nepal (9N) will run from March 18-March 30.

See you Wednesday.

73,

Tom W8JWN

From Your Newsletter Editor

Thank you to those contributors and critiques.

Welcome your articles – They make the Newsletter.

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

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

The club dinner is scheduled for March 14th at Bartoletti's in Aurora at 6 for cocktails and dinner at 6:30. XYLs and YLs are invited. Reservations by March 1st.

MICH-A-CON AMATEUR RADIO CLUB***MINUTES OF FEBRUARY 11, 2015 MEETING***

President Tom Martin called the meeting to order at 7:00 pm.

Secretary Report

Minutes of the January 14th meeting were read and approved.

Treasurer Report

Balances as of February 11, 2015

Checking -\$2.57

Regular Savings -\$2588.05 of which \$1535.25 is in the trailer fund.

Repeater Savings - \$794.49

Cash - \$17.00

Repeater Report

The repeater is working fine. Skip Caswell will check with WE Energies to see if they have done anything about the noise they are generating onto the feed lines at the repeater site.

Old Business

The National receiver, that was given to Red from Three Lakes, has been repaired. It will be painted and be like new.

The Negaunee Swapfest was well-attended by club members who reported that, overall, there were quite a few U.P. hams in attendance. The club sold \$29.00 worth of merchandise. Minus the \$6.00 for the table, we cleared \$20.00. Also, Dave Thomas and Terry Moriarity attended the district EC meeting which was held there.

Dave Thomas and Terry Moriarity reported that they haven't been able to access the Emergency Communications Center, at the Dickinson County Courthouse, since Pete Schlitt hasn't been available.

A club social gathering will be held on Saturday, March 14, at Bartoletti's in Aurora. A cocktail hour will begin at 6:00 pm with dinner at 6:30. The menu selections will be dependent on the size of the group attending. Reservations should be made with Tom Martin by March 1.

Tom Heyboer reported the the ARRL Michigan Section will be creating a website that will host club newsletters from throughout the state.

The club has not received the tower donated by Don and Kathy Falls, yet.

New Business

Jared Paul proposed starting a club slow-speed CW net, for those interested in learning or improving their code skills. The net could be held on Thursday night following the Mich-A-Con Social Net and the ARES Net, on 10 meters. It was suggested that we should come up with a format for the transmissions, so people know what they are listening to.

Adjournment

The meeting was adjourned at 7:30 pm.

For the Good of the Order

Attendees reported on their recent activities.

Submitted by Joe Ferris

Attendees

Tom Martin, W8JWN
Scott Jarmusch, KA8TFF
Burton Armbrust, Sr., WB8EBS
Joe Ferris, KC9TQR
Barry Perron, KC9NFT
Gary Schafer, K4FMX
David Thomas, KG9Y
Skip Caswell, KE9L
Tim Miller, N8TUM
Sam Holmes, N8ATS
Jared Paul, ND8M
Terry Moriarity, K9TRY
Tom Heyboer, KC8TH
Debbie Grabowski, KD8VTS
Bill Grabowski, KD8VTT
Joe Kombleicz, KB8ETK
Dana Bey, KD8POR
Kathleen Parkinson, Visitor
Joyce Williams, Visitor

ARRL MICHIGAN SECTION NEWS

Greetings to the Hams of Michigan: (From February)

Help Wanted

I am looking for a very creative person or persons to assemble and maintain a website for the Michigan Section of the ARRL. Ideally, that person would be a Michigan ARRL member who is knowledgeable in the activities of the ARRL and the Michigan Section and ham radio in general. This would be in addition to a successful track record in web design and maintenance thereof.

The individual(s) would provide services per an established schedule which would include publication deadlines in addition to adding information to the website on an as-needed basis.

This website would have a number of purposes:

- Provide a go-to place for information about the ARRL in Michigan for the hams of Michigan, the nation, and the world.

- Provide a place to go to get ham radio news from around the state.

- Provide space for the amateur radio clubs to post their club newsletters in PDF format for all to review.

- Provide a place for the Section Staff to opine and to provide information for the membership and hams in general. This could be simple informative notices or training issues or more complex items such as how-tos and projects.

The monthly Section News Column that the Section Manager is obligated to write each month is currently published on the ARRL website. The ARRL portal is very limited, and it is difficult to upload anything from a Word environment and has less than desirable formatting characteristics.

I would add a link to the ARRL Michigan Section Page that would direct readers to the Section website where my column would appear each month along with other timely information.

I would still need to use the ARRL portal to send the monthly column via email to Michigan ARRL members and I will just have to deal with it.

The website would allow us to use photographs, and other graphical items to tell our story.

The webmaster would get the same great pay as the rest of the section volunteers as well as the same sense of satisfaction that we get when we do good things for ham radio in Michigan.

You can reach me at wb8r@arrl.org or by phone as listed on page 16 of QST magazine.

News From Around the Section

Michigan QSO Party

The 2015 version of the Michigan QSO Party is scheduled for Saturday, April 18, 2015 from noon to midnight local time on 80 through 10 Meters (no WARC Bands) SSB and CW.

This is a great, reasonably short competition that is ideal for clubs and individuals alike. Set aside time to participate in this great event and be sure to take the information to your club meetings to encourage participation. Full information is available online at: <http://www.miqp.org/>.

Severe Weather Training

Springtime will soon be on us and with that comes the convective weather season. Now is the time to make your plans to attend the annual severe weather spotter training classes that are often offered by the NWS offices around the state. In addition to the spotter training, it is time to have your local ARES/RACES meetings to get the proverbial “ducks in a row” for the upcoming severe weather season.

2015 Delta County ARS Officers Club Election Results

President – Dave Palmgren, N8DP

Vice Pres – Walter Aho, K8WLT

Treasurer – Lysle (Les) Elder, W8BLE

Secretary – Justin Soulia, KD8SDC

2015 Kalamazoo Amateur Radio Club Election Results

President - Fred DeVries, AC8ED
 Vice-Pres - Donald Batts, WE8UPJ
 Secretary - Bryan Staufer, KD8PXQ
 Treasurer - Gary Wightman, WA8MCD
 At Large - Scott Lemmer, KD8RCI
 At Large - Jerb Buchanan, K8WPI
 Trustee - John Tucker, WB8ZVV

Thank you for accepting the call to serve. Amateur radio clubs are truly the lifeblood of amateur radio.

Hospitality Acknowledgements

Feb 7 HARA Swap, Negaunee, MI It was a pleasure to attend your event and I thank you for the hospitality you have shown me.

Section Staff Travel Plans

March 7, 2015 Section Staff Meeting - Lansing
 Mar 14, 2015 Crossroads Hamfest (new location in Kazoo) – WB8R
 Mar 21, 2015 Lowell Swap, Lowell, MI – WB8R
 May 2, 2015 Cadillac Swap, Cadillac, MI – WB8R
 Jun 7, 2015 Chelsea Swap and Shop, Chelsea, MI - WB8R
 Jun 21, 2015 Monroe Hamfest, Monroe, 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 Traffic Net 3.583 (Olivia 8/500) in waterfall 2000 Tues, Thurs, Sat
 MIADS – MI ARES D-Star Net. Reflector 24A Mon 2000
 D8EN - District 8 Emergency Net 3.909 Wed 2100
 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 (SAR) for January, 2015: WB9JSR 826, K8ED 400, WB8WKQ 394, KB8RCR 210, WB8TQZ 166, K8RDN 161, N8FVM 74, WB8RCR 73, WD8USA 52, W8MSK 25, WB8SIW 22, N8UN 17, WN8QGV 16, WD8MWD 11, WB8R 10, N8OSL 8, KD8LSM 2.

Brass Pounder's League (BPL) for January, 2015: WB9JSR 826, K8LJG 302.

Public Service Honor Roll (PSHR) for January, 2015: WB8R 232, KC8YVF 174, N8FVM 170, WD8USA 150, WB8RCR 123, KB8RCR 120, WB8TQZ 110, WB9JSR 110, WB8WKQ 100, K8RDN 100, WD8MWD 94, K8ED 90, N8OSL 83, KD8VUI 83, KD8LSM 31, WN8QGV 27, KC8NIY 23, WB8H 13, KC8NFN 10.

Net traffic for January, 2015: The Michigan Net 258, Michigan Amateur Communications System 257, Michigan Traffic Net 154, Michigan VHF Traffic Net 63, Upper Peninsula Net 51, Great Lakes Emergency and Traffic Net 42, Michigan Digital Traffic Net 25, Motor City Radio Club 2 Meter Net 13, Michigan Amateur Radio Public Service Corps 6, Saginaw County ARES Net 3, District 3 ARPSC Net 3, District 3 Digital Training net 2, Red Cross Net of Greater Grand Rapids 1, Bay Area Regional Traffic System 1, Genesee County ARPSC Traffic and Training Net 0, Genesee County Radio Club, Michigan ARES D-Star net, District 5 Hospital Net.

Total net traffic reported: 879 If you are reporting monthly, 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.

If you have difficulty knowing how to report and how to complete the FSD 212 form, assistance is as close as your District EC or your Section EC. If you don't know who these folks are, you can locate them here: <http://ares-mi.org/ECcontact.php>. They stand ready to help you.

Until next time,
73, Larry, WB8R

Dales Words for March 2015

Greetings everyone,

I recently had the pleasure of making a surprise visit to the Marion Amateur Radio Club with the specific mission of presenting one of their members with one of ARRL's most prestigious awards. Mr. Bill Finnegan NR8I was chosen by the ARRL Board of Directors to be the recipient of the Herb S. Brier Award.

This award is named in memory of Herb S. Brier, W9AD, long-time CQ Novice Editor, who represented the spirit of effective, caring Amateur Radio instruction. The ARRL sponsors this award in conjunction with the Lake County Indiana Amateur Radio Club, in Herb's memory to recognize the very best in Amateur Radio instruction and recruitment. Bill Finnegan's contribution to the recruitment of new amateurs and the subsequent follow-on to insure they continue in the hobby, epitomizes the ideals of W9AD. The Great Lakes Division is indeed proud to recognize Bill's contributions to amateur radio. Congratulations NR8I.

Next month on April 1 (!) to be exact, our Kentucky Section will greet a new Section Manager. I want to personally take this opportunity to welcome Alan Morgan KY1O into his new position. He will be replacing Jim Brooks KY4Z who has served as KY SM for the past eight years. Alan is an ARRL Life Member and has held the positions of DEC, EC and NM as well as the presidency of his local radio club. Our best wishes go to Alan and of course to Jim, as he moves on to enjoy some of the other facets of ham radio.

The Great Lakes Division's largest ham radio bash is coming up soon. Well, OK it is the world's largest ham radio bash and we are fortunate to have it all happen in our Division. Of course, it's the **Dayton HamVention®**. If you have never attended, you must. If you have not made your plans yet, you must. The dates are **May 15, 16 & 17, 2015**. Of course we will have the ARRL Expo in place again this year, with all of the League's key people and resources ready to visit with you. Your Division and Section officials plan to be circulating at the Expo. Please plan to stop by for an "eye ball QSO". Check out the HamVention web site at <http://hamvention.org/>.

ARRL members are going to be polled for their opinions on the recently proposed HF band changes. **The ARRL is asking members to comment by April 19 on possible changes to the League's HF Band Plans suggested by the HF Band Planning Committee.** The survey is part of the committee's efforts to tweak the band plans for the RTTY/data/CW portions of 80 through 10 meters with the exception of 60 meters. 400 members commented in response to a March 2014 solicitation that sought suggestions for using the spectrum more efficiently so that data modes may coexist compatibly. This is an important survey and you are encouraged to use this opportunity to provide input on the suggestions the committee has posted. First, review the proposal which will appear in your April 2015 QST. Then go to <http://www.arrl.org/bandplan> to file your comments.

Here are the monthly comments from our Great Lakes Div. Vice Director, Tom W8WTD:

Snow, snow and more snow. I haven't heard many good words about it recently, as we are all looking forward to spring. And there was plenty of snow for the Mansfield Mid-Winter Hamfest a few weeks ago. Nice to see many of you there.

Like everyone else, I'm looking forward to spring, but those thoughts are always accompanied, for me, by thoughts of preparation. I look around to check on radios, batteries, jump kits (go kits), etc. I guess it's the many years of preparing for and responding to disasters with the Red Cross that set my thinking. And while the specifics of emergency communications in a particular area are best left to the ARES leadership, I'm sure the EC's, DEC's and SEC's don't mind my giving the reminder for all of us to be prepared. Spring is, even on a snowy morning, just around the corner, and with it, the bad weather and storms along with the gentle breezes and flowers.

Along those lines, my home club, the Queen City Emergency Net, had a program on solar power at our February meeting. Thanks to Jerry, W1SCR, for providing the good information. Whether you're looking for a power source for QRP, Field Day, or keeping a station on the air during an extended power failure, solar might be a good way to go. It fits right in to disaster planning. Speaking of disaster planning, Ohio ARES is planning a NVIS antenna day in April. What else is going on in the Division? Any additional things we can share and test? Let us know.

Maybe I can find out more about activities in Kentucky when I visit the Cave City Hamfest this coming weekend. I look forward to meeting some friends, and making new ones. I always like to share ideas and listen to members' concerns as I get around. That's part of what I can do for the Great Lakes Division. I'll make sure that Director Williams knows about new programs and activities that I get a chance to hear about. Whether it's that hamfest, or any of the others ones I get to attend during this new season, if you see me, stop by and say hello. I look forward to meeting you.

73, Tom W8WTD, Vice Director, Great Lakes Division

Hamfesting:

Here is the current Great Lakes Division ARRL Sanctioned Hamfest Schedule for the next few weeks. These swaps have received their sanctioning approval from ARRL HQ at the time of this publication.

Mar 7 - Cave City, in Cave City, KY - KY4Z - W8WTD
Mar 14 - Crossroads, Kalamazoo, MI - WB8R - WA8EFK
Mar 15 - TMRA, Toledo, N8SY - WA8EFK
Mar 21 - West MI Youth Hamfest, Lowell, MI
Mar 28 - MOVARC, Gallipolis, OH - N8SY
April 4 - Lincoln Trail, Elizabethtown, KY - KY1O
April 4 - Portsmouth, Portsmouth, OH - N8SY
April 11 - Letcher County, Whitesburg - KY - KY1O
April 25 - Jackson County, Jackson, OH - N8SY
April 26 - Athens, Athens, OH - N8SY

Hamfest officials: When you receive your "Hamfest Package" from ARRL, open it immediately. Read it over and look at all of the material you received. There is a form included to order additional if you deem it appropriate.

Your Division and Section officials want to be at your events and we strive for insuring that the ARRL is properly represented at every ARRL Sanctioned Hamfest. Conflicts can arise, such as hamfests which might occur on the same day. It is always a good idea for your hamfest chair to contact the Section Manager, Vice-Director or Director early in the planning stages to insure his attendance at the activity. This will allow time to prepare for alternate representation in the event of time conflicts.

The ARRL Director, Vice Director and Section Managers are available to visit local radio clubs and give presentations about ARRL and what is happening in the Section or Division. Please feel free to invite any of us for an "ARRL Night" at your club. Most of the talks are prepared in a video presentation format and can include a Q&A session as well. Advance scheduling really helps and gives you an opportunity to publicize the event. See pages 15 & 16 of a recent QST for contact information.

73, see you on the bands.

Dale Williams WA8EFK
Director
Great Lakes Division

News

From Bob Meyers concerning the repeater.

Hello Bob,

Good news! Your DR-1X has shipped! Please see below for tracking information. If you have any question, please do not hesitate to contact me.

Best regards,

Jose G. Perez

Yaesu Sales Representative

YAESU
The radio

Yaesu USA | 6125 Phyllis Drive | Cypress, CA 90630

Ph: 714-827-7600 ext 2260 | Fax: 714-827-8100

Words of the Past (2007) from the President.....

A few weeks ago I had the opportunity to operate the ARRL SSB DX contest from the “Farm” W0AIH’s QTH in Fall Creek, Wisconsin near Eau Claire. What an experience to operate in a first class station with literally thousands of feet of steel, aluminum, and copper all around and above the operating shack. (See photo) Paul has assembled quite a station and antenna farm on 12 of his 120 acres that overlook a beautiful valley below. Of course, it wasn’t a green valley because of a foot of new snow that fell the night before my arrival.

I operated 80 meter SSB using a Yaesu FT-1000, driving a homebrew (2) 4-1000 amplifier. The power supply for the amp used a 5,000-volt pole transformer! I had a choice of several transmitting antennas: a full wave loop at 170 feet, a four element wire beam at 160 feet, two Rhombics for Europe and Africa at 80 feet, two phased Bob-tails, and a 4 Square (Skip, KE9L, has this antenna at his QTH.). These 66’ verticals have a 20 Db front to back and about 6 Db gain! I also had 580-foot beverages for receiving in three directions. There were also seven 1040-foot beverages to use when, when the 160 meter station wasn’t using them. Most of the time the 4-Square was better pulling low signals through than the beverages. I used a Heil headset with a homebrew footswitch. (See photo) What a change from the inverted vee at 65 feet and S5 plus noise on 80 at my home QTH.

I operated from 0000 UTC until 1300 UTC Saturday. With the breaking of dawn, signals were fading and so was !!! I hit the sack. The 20 meter, 15 meter, and 10 meter ops then had the shack to themselves. Actually, the 20 meter op was in a separate building about 100 yards up the hill from the main station. I saw him once the whole weekend. Our operating and sleeping schedules didn’t meld.

After five hours of sleep, I ran into town and got some coffee and breakfast. I had a thermos filled for the night shift at a McDonald’s in Osseo. They wouldn’t give me the “senior “rate. This surprised me, since a McDonalds in Thorpe had. Oh, well....

On my return to “The Chalet”, Paul’s name for the main station, I checked how the bands were doing. Conditions were poor on 15 and not a station was heard on 10 until Sunday afternoon. The 20 meter station was our bread and butter for the weekend. Four stacked four element beams on a 200’ rotating tower and six over six at 150 and 90 feet can work countries that I barely hear in Iron Mountain!

Since there wasn't anything for me to do until the night shift, Paul gave me a tour of the "Farm". What a tour! He has enough antennas and tower sections stored in his machine shed to equip another antenna "farm." He took me on a trek through the snow to examine his 4-Square and other verticals. We finished the tour in his home. He has another station on the second floor. He operates from here on non-contest weekends and during the week.

Saturday night's 80 meter activity was very slow. I had worked all of the multipliers the night before and there weren't many new stations to be worked. I did a 160 meter shift to spell Paul, during the slow time on 80. Paul loves 160, especially CW. He prefers the CW contests. His 160 meter antenna system has been on the cover of CQ Magazine several times. As he gets older, (He's 72.) he doesn't do many all-nighters. Yet, he will climb a 250' tower with ease!

He has been on a few towers on our Millie Hill. He's a retired minister and does tower and antenna repair for exercise and, as he puts it, "...to pay the light bill." He will even assist other hams in that area of the state with the installation of their antenna and towers. You can see Paul on the tower at KA9FOX's QTH near LaCrosse, WI at <http://www.qth.com/gallery/AntennaParty/Ka9fox00>

It was a fun weekend at W0AIH, despite conditions not being the best at the bottom of the cycle. It wasn't as warm and exotic as Belize, or as historical as operating from a WWII German bunker in Jersey, but it was a FB ham radio experience. Next year? If my XYL approves, I'll be in ...?



The Shack in the Farm (more antenna's then a porcupine)



Tom DX'ing

2015 Michigan QSO Party

What? Michigan QSO Party

When? April 18th, 2015
16:00z (18th) to 04:00z (19th)

Where? 10 thru 80 Meters (CW & SSB)

Why? Just Have Some Fun!!!!

- Chance to get on the air
 - Single Op, Multi Op, Mobile, EOC
 - Be the station others want to work
 - Maybe activate a rare county?
- Excellent Club Activity
 - Reason to get together as group
 - New "EOC" station category
 - Excellent Training opportunity!
 - Get new members on the air!
 - Friendly Competition

Let's all help make Michigan "radio-active" on the 18th of April!!!!

Rules & More Info: <http://www.miqp.org/>

Sponsored By: The Mad River Radio Club

From: Mike, N8MR, 2015 MiQP Publicity (as relayed from Bob Meyers)

Let's all help make Michigan "radio-active" on the 18th of April!!!!

The 2015 Michigan QSO Party, sponsored by the Mad River Radio Club, is from 1600Z April 18 until 0400Z April 19.

Stations may operate the full 12 hours. Phone and CW on 80/40/20/15/10 meters. Single-op, multi-op, and mobile categories. Work stations once per band and mode. MI-to-MI QSOs allowed. Work portables and mobiles again as they change county, state or province. Exchange QSO number and location (county for MI stations, state/province or "DX" for others).

Suggested frequencies: CW-3545, 7045, 14045, 21045, 28045; Phone-3825, 7200, 14250, 21300, 28450. One point per phone QSO, two points per CW QSO. Count multipliers once per mode.

Multipliers are MI counties for all entries, plus states, provinces and "DX" for MI entries only. Final score is total QSO points times total multipliers.

Submit logs no later than 30 days after the contest. Electronic logs in Cabrillo format are submitted via the Log Submittal page on the MiQP web site <http://www.miqp.org/submitLogFileMiQP.html>. Mail paper logs with summary sheets to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Road, Ypsilanti, MI 48198.

For full rules, along with free logging software, log and summary sheets, see <http://www.miqp.org>.

First Ever "Michigan Cabinet Counties" award to be available during the 2015 MiQP

Add a little more fun to your MiQP action!

The first ever **Michigan Cabinet Counties Award** will be available during the 2015 Michigan QSO Party (April 18, 2015). Work one or more of the 10 Cabinet Counties during the hours of the MiQP and you qualify for the award.

Michigan Cabinet Counties? Perhaps a little bit of history is in order - In an attempt to influence then-president Andrew Jackson in favor of creating a new State of Michigan (and awarding it the land being disputed in what was known as the "Toledo War") the Michigan Territorial legislature named 10 of its new counties after President Jackson and members of his cabinet. Jackson eventually did sign legislation making Michigan the 26th state in 1837 but gave the land to Ohio instead while Michigan got the Upper Peninsula.

A list of the 10 Cabinet Counties and rules for the Michigan Cabinet Counties Award can be found at: <http://www.qsl.net/w8jrk/>

The Michigan Cabinet Counties award is administered independently of MiQP by Joe, W8JRK and a group out of the Lansing area, but with the cooperation of the MiQP Organizing Committee.

Just For Fun:

On Antenna's:

Find the word horizontally, vertically, diagonally (forward or backward)

Good luck

	B	W	9	V	R	G	H	G	8	D	K	5	W	4	B	
	W	F	V	P	Q	Q	L	W	R	4	E	W	N	H	4	
	P	O	O	L	3	A	E	Z	K	E	9	7	V	G	J	
	V	R	8	M	A	E	B	R	6	3	L	R	M	I	L	
	Q	C	U	S	H	C	R	A	F	T	T	O	M	3	A	
	B	E	3	T	M	O	O	N	6	3	X	P	P	D	L	
	W	1	Q	T	T	U	M	W	D	O	M	8	4	I	T	
	H	2	3	A	N	N	E	T	N	A	L	D	E	P	D	
	W	V	W	W	4	T	W	7	U	3	U	K	G	N	6	
	M	J	5	8	I	E	E	G	O	N	G	Q	A	F	M	
	X	I	V	J	G	R	4	Y	R	W	E	B	D	H	J	
	O	3	T	W	A	N	E	R	G	9	V	R	J	T	6	
	O	M	3	N	Y	R	O	T	A	N	O	S	E	R	E	
	P	N	M	G	K	3	V	9	E	O	4	3	T	R	M	
	Q	4	Z	P	2	S	P	K	D	M	U	T	8	N	J	

Words to Locate:

Antenna Band Beam Counter Cushcraft Dipole Force12 Freq (Frequency abbreviated)
 Ground Loop Meter Moxon Ohm Quad Resonator Tuner Watt Wire Yagi

Extra Credit: A few local Call Signs ☺

KE9L K9TRY N8TUM W8JWN KD8POR LD8GHG

CLASSIFIED

K8DDB Items For Sale

Prices as of March 3, 2015

All prices are negotiable, items sold "as is", shipping is not included
(I would prefer to sell the bulky items locally)

Cell phone: (906) 221-1550 or Email: mikebray@chartermi.net

Radio Gear:

- Elecraft K3 Transceiver (serial # 5093 purchased 1/11/2011) – 100 watts, w/ATU, general coverage Rx module, filters for - 6 khz, 400 hz, 250 hz -includes manuals, Heil Proset-K2 boom headset for the K3/K2 (Heil iC element) and book "The Elecraft K3" by Fred Cady. Asking \$1,999
- Ten- Tec Centurion Model 422 Linear Amp – Two 3-500Z tubes – 1300 watts SSB, 1000 watts CW, 50% duty cycle. Tubes have very few hours on them as I operate primarily QRP - (includes manual) Asking \$850
- Viking 6n2 Transmitter
Asking \$19
- Regulated CB Power Supply
Asking \$5

Test Equipment:

- RCA Type WO-33A Oscilloscope
WG-349A Direct/Low Capacitance Probe
Instruction manual
Asking \$9
- B&K Model 162 Transistor/F.E.T. Tester
With probe and manual
Asking \$39

Miscellaneous:

- Scanner - Uniden Bearcat BC-210XL 18 channel scanning radio w/owner's manual and 1996 Radio Shack Police Call Plus Frequency Guide for Michigan and Ohio - Asking \$25
- CB Radio - Old 1970s Radio Shack Realistic TRC-55 console CB (23 channel AM) with digital clock (which no longer works) but its set at the perfect time for CB, 10:04 good buddy! Comes with hand mic and nostalgia of "Smokey and the Bandit" days - Asking \$25

UP Hamfest Information

U.P. Hamfest 2015

Quick Reference Guide

<p>Date – Saturday, August 1st 2015</p> <p>Time – 9:00 am to 2:00 pm EDST</p> <p>Where – Bay de Noc Community College 2001 N. Lincoln Rd. Escanaba MI 49829</p> <p>Coordinates – N45°46.226 W087°05.087</p>	<p>Swap Info – First table is Free. Each additional table \$5.00</p> <p>Setup – Friday from 6 pm to 9 pm and Sat from 7 am to 9 am</p> <p>Talk In – 147.150 (+600 / 100 PL)</p> <p>Web Site – http://dcars.org/u-p-hamfest/</p>
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Events

- U.P. Net Meeting
- QCWA Chapter 219 Meeting
- Upper Peninsula Amateur Radio Repeater Association (UPARRA)
- U.P. ARES Meeting
- Vendors & Swap
- Food

**Thunder Bay
Amateur Radio
Club**

Find us on the web at:
<http://ThunderBayARC.org>

Alpena's 2nd Annual Swap meet!

October 10th, 2015 9:00 AM until Noon

See <http://ThunderBayARC.org> for updates and details on the Swap meet.

Make a Fall trip to Alpena, Michigan. Take in a great Swap and see some of the other sites and events in the Alpena area on that weekend.
<http://lighthousefestival.org/> <http://www.alpenashipwrecktours.com/> <http://thunderbay.noaa.gov/>

MARCH

Amateur Radio Swap

Sponsor: CCRAA & KCRA

Date: May 9th, 2015

Time: 0900 – 1500hrs

Location: Chassell VFW Post 6507
42103 Wilson Memorial Dr., Chassell, MI

Talk-in Freq: 146.880 PL-tone 100 hz or
147.315 PL-tone 100 hz

Admission: \$3 and 12 and under "Free"

Door Prizes & Raffle

Tables(8 foot): \$10 each

Refreshments & Food Available


Dealers/Vendors set-up 0800hrs, Reserve Tables
ASAP

POC: Howard Klann(KD8ABP)

906-337-0234

ccraaclub@gmail.com

LINKS:

ARRL WEB PAGE: http://www.arrl.org ARRLMICHIGAN: http://www.arrl-mi.org/ US REPEATERS: http://www.usrepeaters.com MICH-A-CON : http://www.qsl.net/ka1ddb Tropospheric Ducting Forecasts: http://www.d/infocentre.com/tropo.html  http://www.dx-code.org	FCC Universal Licensing System: http://wireless.fcc.gov/uls/ OTH.COM: http://www.uth.com/ QRZ.COM: http://www.urz.com/ Ehamnet.com: http://www.eham.net/ U.P. Skywarn: http://kcra-mi.net/skywarn/
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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

Secretary:

Joe Ferris, KC9TQR

irferris@borderlandnet.net**Treasurer:**

Burt Armbrust, WB8EB

(906) 774-8383

Wb8ebs@yahoo.com**We're on the Web!**<http://www.qsl.net/ka1ddb/>

Previous editions of the Newsletter 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.

The following is referenced from <http://www.dx-code.org>

DX Code Of Conduct

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call sign before calling.

I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSX slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.

I will call and then listen for a reasonable interval. I will not call continuously.

I will not transmit when the DX operator calls another call sign, not mine.

I will not transmit when the DX operator queries a call sign not like mine.

I will not transmit when the DX station requests geographic areas other than mine.

When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.

I will be thankful if and when I do make a contact.

I will respect my fellow hams and conduct myself so as to earn their respect.

Membership:

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	n8wgg@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	kb9avx@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	BROSCHEART	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.cbearit@yahoo.com
KC9TQR	FERRIS	JOE	FLORENCE	517-589-4386	jrferris@borderlandnet.net
N9MBG	FRY	EDWARD	PEMBINE	906-221-7307	efry@centrylink.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		
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@centrylink.com
KA8TFF	JARMUSCH	SCOTT	IRON MOUNTAIN		
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	bperron2@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	jimrye@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
KB8SPB	BILL	BERTOLDI	KINGSFORD		
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

Please remit dues to : **Burt Armbrust, WB8EBS**
693 C1iff 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.