

MICH-A-CON RF

Iron Mountain, MI

NOVEMBER

Meeting Reminder: **Second Wednesday of Month**

Which is **November 12, 2014** 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

As I write these Words, I am listening to a pile up on FT4TA on 17 meter CW. Like the majority of Dxpeditions, the operator is working split. He's transmitting on 18.079 and listening up in frequency. It's amazing that hams still call on his frequency. There's an N8*** still calling, after several of the "frequency cops" sent UP UP!

Another issue on frequency are the "jammers" They take great pride in putting a carrier on the DX station: RTTY on top of CW, a steady stream of dots or dashes, and sometimes music. Why do they do this? There are many theories but your guess is as good as mine. Jealousy? Anger? Frustration?

How come people don't know that their call, for example, K8XYZ, isn't CT1ABC? The FT4 comes back to CT1ABC and there must be 20 or more stations still calling! I believe that this has gotten worse over the past several years.

The worst hams for not listening, in my opinion, are the Italians. In my experience as a DX station on Jersey Island and Belize, they were always calling out of turn. The most polite were Japanese hams. They always wait for their turn. During W1AW/8 a few weeks ago, they were exceptional. If I asked for the JA1, there was complete silence from the other JA call areas.

Now, I have a confession to make regarding the W1AW/8 operation. I started my shift on 20 meter RTTY at 8:00 a.m. I called for 30 minutes without a response. Signals were very weak. Propagation? Suddenly, I could notice a strong odor of something burning in the shack. My XYL was upstairs and yelled, "What's burning?"

"Oh, no the amp has problems," I thought. I looked up and then realized why there were weak signals. I was transmitting into the dummy load at 800 watts for 30 minutes!!! The odor was coming from the MFJ Versa Tuner V. What a DUMMY, pun intended, HI!

For those that criticize MFJ products, I am not in that group. It survived.

By the way, I worked FT4TA on 17 CW 4 up from his transmit frequency.

See you at the Springer Haus for our Veterans day event. Don't forget the election at the next meeting.

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.

ELECTIONS THIS MEETING!

President Tom Martin called the meeting to order at 7:03 pm.

Secretary Report

Minutes of the September 10th meeting were read and approved.

Treasurer Report

Balances as of October 8, 2014:
Checking - \$19.64
Regular Savings - \$ 1,855.33 of which \$ 1,805.25 is in the Trailer Fund.
Repeater Savings - \$ 233.46
Petty Cash - \$ 31.00

Repeater Report

The new antenna and hardline are now up. The center pin in the 7/8-inch hardline connector is broken. We are currently looking for a replacement. This antenna seems to give improved coverage to the south and north, although it may be weaker to the east and northwest. The signal was described as marginal near Republic. A climber from Computer Connection U.P. donated his time to put up the new antenna.

Old Business

The club radio and computer is ready for Veterans Day. Also, the new N1MM-Plus logging program is on the computers, if we want to use it.

There was nothing new to report on the antenna trailer.

The storage van has not been inventoried, yet.

Acknowledgement of the hardline donation will be discussed at the November meeting.

Several DXpeditions were noted as being active during October.

The sign-up for the Veterans Day special event was reviewed and updated.

A motion by Skip Caswell that the club purchase pop and water for Veterans Day, if no donations are received, was approved unanimously.

The set-up for Veterans Day will be on Friday, November 7th, at 1:00 PM. On-the-air operations will take place from Saturday, November 8th, through Tuesday, November 11th.

A 50-50 drawing will be held at the November meeting. We will determine if this will be a monthly event.

New Business

Club officer elections will be held at the November meeting.

Tom Heyboer received several positive comments for his work on the monthly newsletter.

Adjournment

The meeting was adjourned at 7:37 p.m.

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
Skip Caswell, KE9L
Dana Bey, KD8POR
Gary Schafer, K4FMX
Jared Paul, ND8M
Scott Dolatowski, KC9ZBC
Tom Heyboer, KC8TH

ARRL MICHIGAN SECTION NEWS

Greetings to the Hams of Michigan: **(from October)**

The leaves are turning colors and beginning to fall as we prepare for winter in our beautiful state. Now is the time to check our antennas to make sure that they are up to the rigors of winter (as well as to ensure that our homes are ready for winter as well).

PRB-1 Update

Our Senate Bill 0493 was reported favorably out of the Energy and Technology Committee in September with a recommendation for immediate effect. Since that time, our bill has passed successfully through its second reading and is scheduled for its third reading during November.

The Senate is scheduled to be in session for three days in November and we expect our bill to successfully pass the roll call vote and move to the House of Representatives.

In the near future, we will be contacting the hams of Michigan to ask them to send letters to their House members to advise them of the bill that will be heading to the House for consideration and to request support. We once again will provide the appropriate letter for you to send.

Complete details will be forthcoming on our PRB-1 website, but as of this writing are not yet finalized.

Please wait until we advise that the time is right for letter writing. We have been very successful with the Senate and we feel that we can have the same positive effect on the House.

Stay tuned.....

W1AW/8 Returns to Michigan

From October 15 Zulu through October 21 Zulu, Michigan will be radioactive with dozens of stations on the air from home and club stations with the express mission of providing the amateurs of the nation and the world with contacts from W1AW/8. This is our second go-round and we fully expect to give out more contacts that we did in February. In order to beat our previous score of approximately 27,000 QSO's, we need your help. We have increased the number of stations on the air and now all we need is more folks to fight through the pileups.

There will be stations on the air using most modes available such as CW, SSB, various digital modes including PSK, RTTY, and even Hellschreiber, which oddly enough, this unusual mode will be offered via a portable station located in Hell, Michigan! There will be some VHF activity in the heavier populated areas of the state as well.

We hope to hear you on the bands during this Michigan W1AW/8 week. Many thanks in advance of a successful event go to our coordinator Dennis, KT8X. Thanks for putting up with all of us!

News From Around the Section

Roger, W8IO, from Spring Lake has revitalized the Michigan VHF-UHF Society. If you are involved with weak signal work on 6 meters and above, you are invited to stop by the MIVUS web site at;

www.mivus.org. There is a list server, or reflector, that you can sign up for.

The Holland ARC has instituted a calendar of VE sessions. On the second Saturday of the even months, the HARC will hold VE sessions at 7:00 PM at the Holland Red Cross. Walks in are invited. In addition, in April, August and December, the HARC will hold a Ham License in a Day. This is a half day study session for the technician license. These classes will start at 1:00PM. More information is at www.hollandarc.org

John, KC9ON, will present a HF Digital presentation at the Cherryland ARC meeting on Tuesday October 28th at 7PM. They meet at the Salvation Army at 1239 Barlow Street in Traverse City. KC9ON is one of Michigan's Technical Specialists.

A new slate of officers for the Motor City Radio Club will take office at their November General meeting.

President - Bill Loeber, AC8KO

Vice President - Woody Kirkman, N8MWQ

Secretary - Chuck Smith, KD8WFS

Treasurer - Dale Poblenz, WA8FRD

The following officers were elected at the October meeting of the Hiawatha Amateur Radio Association:

President - Lou Gembolis, KG8NK

Vice-President - John Nelson, N8JRN

Secretary - Michael Beltz, KD8JIR

Treasurer - Lucille Scotti, KD8PTE

Section Youth Coordinator

It is my great pleasure to announce the appointment of Michigan's first Section Youth Coordinator.

Gordon Baldwin, W8CT from Lake City has agreed to join the Michigan ARRL Section Staff.

Gordon's responsibilities will include:

- * Maintain a current assessment of active youth amateur radio operators in the section, including those involved within clubs, Scouting and other youth organizations, and schools
- * Promote youth-related on-air activities including ARRL Kid's Day, Jamboree on the Air (JOTA), Field Day, and School Club Roundup
- * Provide youth related ideas and resources to amateur radio clubs and individuals within the section
- * Collaborate with the Affiliated Club Coordinator to assess youth activity with ARRL affiliated clubs; provide resources and ideas as needed; encourage youth-related program and activities within clubs
- * Collaborate with other Section Youth Coordinators in other ARRL sections to exchange new ideas

Gordon's comments:

Greetings, my name is Gordon Baldwin, W8CT from Lake City, MI and I have recently been appointed as Michigan's Section Youth Coordinator.

My plans for this appointment are to gather information from Amateur Radio Clubs that may have youth programs, as well as contacting schools that have Amateur Radio Clubs and start to develop a database of existing as well as potential youth programs.

I will work with local and trade/vocational schools to implement Amateur Radio Programs that align their classes and programs with the STEM (Science, Technology, Engineering and Math) initiative. All of these fields and skills are a part of our great hobby.

If you have an existing program or have any input into helping start this program I would be more than happy to hear from you.

My E-Mail is w8ct@arrl.net and my home phone is 231-839-6690 please call before 9:00 PM as I am still a working stiff for another year.

Thank you in advance for your input and support.

Gordon, W8CT

Please give Gordon your full support and whatever assistance you can as he begins this very important task as Section Youth Coordinator.

ARRL Club Data Updates

As you might expect, the ability of your Section Staff to contact the radio clubs in the state is very much dependent upon having good information in the ARRL club database. There are a number of times each year when communication with clubs is necessary for a variety of reasons. Often, there are email addresses that bounce back as club officers or officials have changed, but the information in the ARRL database has not been updated.

While the first of the year is always a good reminder that club's documentation should be reviewed and updated as required, the actual updates can be done at any point during the year. Obviously, the more current the data the better.

Our Affiliated Club Coordinator requests that you visit your club's records on the ARRL website periodically to ensure that your club's records are accurate so that important communications will properly get to your club officers.

If you need help updating your club records, our ACC, Chip Locke, WB8ALW can be reached at wb8alw@arrl.net. Both Chip and I appreciate your help.

Hospitality Acknowledgements

Sep 27, 2014 QMN Annual Picnic & Business Meeting Oct 7, 2014 Oakland County ARS Meeting, Waterford, MI. It was a pleasure to attend your event and I thank you for the hospitality you have shown me.

Section Staff Travel Plans

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
Oct 27, 2014 Livonia ARC Meeting, Livonia, MI – WB8R
Nov 25, 2014 Chelsea ARC Meeting, Chelsea, MI – WB8R
Dec 7, 2014 L'Anse Creuse Hamfest, Harrison Twp, MI – WB8R
Jan 11, 2015 Hazel Park Hamfest – WB8R
Feb 14, 2015 Traverse City Hamfest – WB8R
Feb 15, 2015 Livonia ARC Hamfest - TBD

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
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 September, 2014: WB8WKQ 255, WB9JSR 216, K8ED 200, K8LJG 163, K8KV 144, WB8TQZ 141, N8FVM 138, K8RDN 74, WD8USA 49, KC8BW 42, KB8RCR 37, WB8RCR 24, N8OSL 15, WB8R 10, KD8LSM 5.

Total SAR reported: 1513

Brass Pounder's League (BPL) for September, 2014: None

Public Service Honor Roll (PSHR) for September, 2014: WB8RCR 388, WB8R 245, WB8TQZ 210, N8OSL 179, K8RDN 178, WD8USA 160, N8FVM 160, KC8YVF 135, KB8RCR 127, WB9JSR 115, WB8WKQ 100, KD8LSM 99, K8KV 90, K8ED 80, WB8H 53, KC8BW 9.

Net traffic for September, 2014: Michigan VHF Traffic Net 243, The Michigan Net 188, Michigan Traffic Net 91, Michigan Amateur Communications System 74, Southeastern Michigan Traffic Net 60, Upper Peninsula Net 47, Great Lakes Emergency and Traffic Net 34, Michigan Digital Traffic Net 28, Saginaw County ARES Net 5, Red Cross Net of Greater Grand Rapids 2, Genesee County ARPSC Traffic and Training Net 1, District 3 ARPSC Net 1, Bay Area Regional Traffic System 1, Michigan Amateur Radio Public Service Corps 1, District 5 Hospital Net 0, District 3 Digital Training net 0, Branch County Emergency Net 0.
Total net traffic reported: 776

Volunteer Service Dollar Values:

ARES: \$144,703; NTS: \$33,915; Total contribution for August, 2014:
\$178,618

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.arrrl.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.

Until next Month, 73 Larry, WB8R ARRL Michigan Section Manager wb8r@arrrl.org

Dales Words for November 2014

Greetings everyone,

THE Operating Event:

We have but a couple of months left before the ARRL Centennial QSO Party comes to a close. There is plenty of opportunity to enjoy contacting fellow ARRL members and collecting points. The Award Certificates have been announced and will be presented in the following categories: First Level, 1000 Points; Second Level, 3000 Points; Third Level, 7500 Points and Top Level 15,000 Points. These levels are really placed well to insure that most of us will be able to hang a certificate on the wall commemorating a great operating event.

You will still find ample time to get on the air and qualify for an award, even if you have not actively participated in the Centennial QSO Party. If you are currently a user of Logbook of the World, your uploaded contacts(and there for scores) are already recorded and can be found through a link on the LoTW Home page called "Leader Board". From this web page, you can log in using your LoTW ID and password.

Check it out, you may find that you are already well on your way to a Centennial QSO Party Award. Actually as few as 4 well placed contacts can bring you 1000 points. Just listen for ARRL President Craigie, a couple of Directors and a VP, contact them, and you'll be there! It can be that simple to log some great contacts. Self-spotting has been permitted, so watch the DX clusters to see who is on.

HB 4969 Progress Report:

The number of Bill co-sponsors continues to climb, thanks in large part to your support. Our original plan was to reach 30 Congressmen for co-sponsorship and we now have already reached 60 who have already co-sponsored or agreed to support HB 4969, the Amateur Radio Parity Act. This bill is aimed at directing the PRB-1 style "reasonable accommodation" provisions for Amateur Radio antennas to include all types of land-use regulation. This includes areas with deed restrictions and restrictive covenants, hence the

term "parity". "CC&Rs" (covenants, conditions and restrictions) are the prohibitions and limitations placed on properties by builders or home-owner associations (HOAs) which prevent licensed Amateurs from erecting even modest antennas. Details and updates are posted at <http://www.arrl.org/hr-4969>.

Vice Director, Tom W8WTD offers his monthly commentary:

One of the things I like about this position is the opportunity to share information with other hams. I've mentioned that before. The various forums are always a good way to pick up new information, or to share something with some hams who are looking for new ways to do things. We've talked about the future of amateur radio, and things like the MESH networks.

This month, I want to share an experience. Taken in itself, it's just another ham doing communications. But just maybe you'll find in it something that will help you and your group with something you like to do. October is the month for the SET (Simulated Emergency Test.) Many of us in the Division were out doing something, testing equipment, practicing our skills. It was the same for my home club, the Queen City Emergency Net. We decided to do an exercise in which we tested our direct and indirect communications with outlying areas in the large area that our Red Cross Chapter serves.

A side note here--those of you in ARES who count the Red Cross among your served agencies--be sure to talk with them about their recent reorganization. Many smaller chapters have been closed, and the larger ones are responsible for more territory. Which is why we did our exercise. The Cincinnati Chapter, or whatever it will soon be called, now has primary responsibility for at least a third of Ohio. With our immediate metro area encompassing three states as well, the Chapter's area stretches 170 miles north to south, and well over 100 miles east to west. One club can't cover all that, so with the help of partners and some club members who were willing to travel, we wanted to see how much area we could cover without commercial communications, meaning, directly, through linked repeaters, or by relay.

I was in some of our northern counties. With my new DMR radio, I was able to get on the Ohio talk group and communicate directly with Cincinnati. There are some great possibilities in this technology for covering large areas. Yes, it depends on the internet, and could go down easily, but likely only in one area, meaning that the larger ham resources of a state could still be coordinated that way. It's only one channel statewide, but we hams know the discipline of net procedures, and the new mode could be a big help to all of us, no matter which of the states we live in throughout the Great Lakes Division. (We didn't use it, but I'm sure D-Star could be of similar use.)

Then there was direct communication. We have a high-profile UHF repeater located a little to the north of Cincinnati. Using a ten-element beam, I was able to get into it with clear communication about 60 miles away. We all need to think about extended range.

Finally, and this reminds me of the original ARRL --there's relay. We work closely with the hams in the Dayton Red Cross, and they were on the air with us. As I was driving around north of them, I could get into a Dayton repeater and they were relaying information down to Cincinnati. We didn't try simplex, but I'm sure in an emergency, we could find a way to do that too. Nothing here that most of you don't already know. But it's what we do with what we know that makes all the difference. What challenge face you in your area? And which of these methods would be most helpful to you the next time a disaster comes around? If any of this stirs some thoughts that you'd like to share, please get in touch!

73, Tom W8WTD Vice Director Great Lakes Division

Club Visits:

Your 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.

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: A note about hamfest attendance by your ARRL elected officials. We 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 chairman 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.

Nov 1 - Grant County - Georgetown, OH

Nov 2 - Massillon ARC Hamfest, Massillon, OH -- QSL Checking - N8SY

Dec 6 - Fulton County Winterfest, Delta, OH

Dec 7 - Lanse Creuse, Harrison Twp, MI - WB8R

Jan 11 - Hazel Park, MI - WB8R - WA8EFK

Jan 18 - SCARF, Nelsonville, OH - WD8E

Feb 1 - NOARS, Elyria - N8SY

Feb 14 - Cherryland, Traverse City, MI - WB8R

Feb 15 - Mansfield, Mansfield, OH - N8SY

Feb 15 - Livonia, Livonia, MI - WB8R

73, see you on the bands.

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

News

Subject: Michigan PRB -1 Call to Action – Update

As this PRB-1 drama unfolds with the Michigan House of Representatives, we find ourselves reacting to breaking news. This happens as a result of the House currently not being in session. Nothing is official and everything is speculative.

As you will remember, we just started a letter writing campaign which targeted the members of the Committee that we were told would be handling our bill. Things change and it now appears that we will deal with different committee.

Don't think that all of those letters that we sent to the first committee members were sent in vain. Nothing could be further from the truth. Each of those representatives are now aware of our bill and aware that there are a lot of amateur radio operators that have an interest in having SB 0493 pass out of committee and out of the House itself. No wasted letters here.

It is time to shift gears.

Please go to our PRB-1 website at <http://www.miarrlprb1.org/>.

Click on the 'Sample Letters' tab and click on 'House of Representatives' and enter your information to locate your representative's website. Back on the Sample Letters tab, scroll down to Sample House Letter. Copy the letter and paste it into your Representative's email form.

Be sure to add the Representative's information as well as your information at the end of the letter to personalize the document.

Sometimes it is easier to copy the letter from our website and paste it into a word processor to get it prepared and then paste into the Representative's email form.

Once again, please send a copy of what you send to wb8r@arrl.org and wa8qje@arrl.net.

Thank you for all of your efforts and with your help we can accomplish this important task.

73,

Larry, WB8R Michigan ARRL Section Manager

CLASSIFIED

Ride Wanted to Swap/ Hamfest

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

Ham items for Sale

August 2014

OBO

- * Icom 720A 200watt HF transceiver 160-10m plus general coverage receiver 0.1MHz-30.0MHz w/Icom HM7 hand mic \$375
- * Hammarlund HQ-170 VG condx \$195
- * Hammarlund S-100 matching spkr vg condx \$95
- * Freed-Eisemann FE-15 (1925) receiver w/period headphones \$175
- * Cushcraft A3WS beam 12-17m (ready to erect before winter) \$195
- * MFJ 1025 noise canceling signal enhancer \$135
- * Heathkit AT-1 \$150
- * Kenwood TM-241 2 meter FM transceiver with Kenwood MC-44DM multi function direct entry microphone with manual \$85
- * Radio Shack HTX-252 2-meter FM mobile transceiver with microphone and manual. \$65
- * Hallicrafters R-46B spkr \$50
- * Astatic D-104 \$35
- * ARC-5 receiver with attached 120 VAC power supply. 80m version \$40
- * Rigblaster from West Mountain. Full set of cables. Set up for Yaesu radio but can be jumpered for just about any radio. \$25
- * Rigblaster Plus from West Mountain radio has CD and instruction manual but no cables. \$10
- * 1995 ARRL Handbook very good condx \$10
- * Low Band DXing (antennas & techniques) very good condx \$10
- * Two on the glass vhf antennas and cabling. They maybe VHF/UHF but no sure- nothing further known \$10 each
- * Heil mic adapter 8-pin (I think the nomenclature is AD-1-K but not sure) Yaesu radios \$5 and one Kenwood radio \$5

**If interested contact Pete-K8PT at k8pt@arrrl.net or 906-250-7722
(shipping extra)**

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

K8DDB Items For Sale

Prices as of September 8, 2014

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) – 100 watts, w/ATU, general coverage Rx module, filters for - 6 khz, 400 hz, 250 hz (includes manuals)
Asking \$1,799
Ten Tec Station
 - o Corsair II Model 561 Transceiver, Model 263 Remote VFO and Model 961 Power Supply/Speaker (including manuals)
Asking \$299
 - o Centurion Model 422 Linear Amp (matches above station) – Tubes have very few hours on them. (includes manual)
Asking \$990
- Viking 6n2 Transmitter
Asking \$19
- Regulated CB Power Supply
Asking \$5
- Vibroplex Original Bug with Chrome Base
Serial 100948
Included are 2 additional weights for speed control
Asking \$89

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
- Sencore Handy “75” Resistor/Capacitor Substitution Box
With set of test probes
- Asking \$9

UP Hamfest Informatio

Nothing to Report

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.qsl.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.

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	n8wqq@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	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	cattrxcavator@hotmail.com
KC9ZBC	DOLATOWSKI	SCOTT	GOODMAN	715-633-1006	kc9zbc@live.com
KC8CKX	FAULKNER	JAMES	FOSTER CITY		jchearit@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		(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@centrylink.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	meyersh@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	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@arl.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'BRIEN	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 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.