

Mich-A-Con RF

Iron Mountain, Michigan

May 29, 2013

Words from the President

Tom W8JWN

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**Visit the ARRL's Web Site at
<http://www.arrl.org>**

First off, I'd like to thank the three members, other than the officers who attended the last meeting. Boy, talk about a small attendance. Good thing that we didn't have any serious business to discuss. I'm also glad that we didn't have to take an important vote. Four members could have decided an important issue for the club. For example, we could have voted to dissolve the club and divide the savings and checking accounts among the officers. On second thought, why wasn't that brought up? HI!

Summer seems to be a bad time to get a lot of the members at a meeting. Usually, the June and the July meetings have a decent attendance because of Field Day. Without FD this year, it will be interesting to see who shows up in June.

The July meeting is going to be special. We will be meeting at the Dickinson County Sheriff's Department building. We will meet in the conference room on the bottom level. After the brief business portion of the meeting, we

will go into Peter Schlitt's office to learn how to turn on the Kenwood TS-2000 and other gear to be used in an emergency situation. Don't laugh about the "turn on" comment. Many modern radios don't have simple ON/OFF, or POWER button labels. Also the front panel has over 100 buttons and knobs! Many of these are used to program the radio. Menus are used in some cases. Right now, we have one, or two members that could operate that radio without using a "cheat sheet", or manual.

We still haven't setup the computer control, the digital interface, or programmed the Icom 2-meter radio. If there was a disaster in the U.P. And we were forced to use the digital modes to communicate on HF with Lansing, or for that matter Ironwood, we would be in a tough situation. If our repeater went down, it would be very difficult to reach other systems outside the area., since other repeater frequencies have to be entered into the 2-meter radio.

There's a lot to be done in the months ahead to get the gear ready for an emergency. Hopefully, we will get a start on **Tuesday, July 9th at 7:00 p.m.** Notice the time change from our regular summer meeting time of 6:30 p.m.

More info will be available at the June meeting and in the next newsletter.

73,

Tom W8JWN



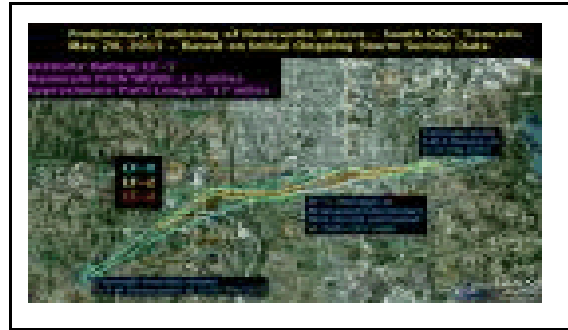
Amateurs in Oklahoma Respond to Storm Aftermath

From:

ARRL Letter for May 23, 2013

After an EF5 tornado swept through Oklahoma on May 20, radio amateurs in that state assisted the American Red Cross with its communications efforts. “Amateur Radio operators were asked to support voice communications from the American Red Cross Oklahoma City Chapter Headquarters to their feeding station at the Incident Command Post located in Moore,” explained ARRL Oklahoma Section Emergency Coordinator Mark Conklin, N7XYO. Moore, located about halfway between Norman and Oklahoma City, suffered the brunt of the tornado damage. As of 8:30 CDT on May 22, all Amateur Radio operations in support of the American Red Cross ceased.

At least 24 people, including nine children, were killed when the 1.3-mile wide tornado moved through Moore, Oklahoma’s seventh largest city. The National Weather Service stated that the tornado traveled an estimated 17-mile-long path for 50 minutes, with an estimated peak wind that ranged from 200-210 miles per hour, making it an EF5 storm, the most powerful category of tornados possible.



In addition to the American Red Cross, members of the Salvation Army Team Emergency Radio Network (SATERN) were also in Moore, ready to support and assist with the Amateur Radio response. According to ARRL Oklahoma Section Manager Kevin O’Dell, N0IRW, the tornados disrupted cellular service in the affected areas.

“I have been in regular contact with Oklahoma Section officials since yesterday morning,” said ARRL Emergency Preparedness Manager Mike Corey, KI1U. “Through the ARRL EmComm Twitter feed and regular communication with our national partners, the ARRL has been sharing information on the Amateur Radio response to the Moore tornado. Our folks in Oklahoma who have been assisting the American Red Cross and the Salvation Army have been doing a great job and they have my heartfelt thanks for the work they are doing for their community.”

Corey also stressed that those who wish to assist with response efforts in Oklahoma should not self-deploy. “The ARES leadership in the Oklahoma Section has everything under control and there is no need for volunteers from outside the Section,” he said. “If you would like to assist in the overall recovery effort, please check out the website of National Voluntary Organizations Active in Disasters (VOAD).”

Mich-A-Con Amateur Radio Club
Minutes of the May 14th, 2013 Meeting

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

Secretary Report

The minutes of the April 9th, 2013 meeting were read and approved.

Treasurer Report

Membership Dues Received: \$ 35.⁰⁰

Checks were written to: 28.¹⁶ AT&T Phone, \$6.³⁶ Paul Schultz, EOC Desk Material.

Repeater Report

Working fine.

ARES

The net has been meeting every Thursday at 6:30 pm on the 146.850 repeater with limited attendance. President Tom contacted Dennis Beurjey, K8SWX. Dennis will continue running the net.

Old Business

Sheriff's Department EOC radio/desk was discussed. Pete Schlitt had a desk installed in the EOC from a left over countertop. Paul built and installed a shelf on the desk and a small shelf under the desk for the power supply for a total cost of \$6.³⁶. President Tom and Treasurer Burt connected the HF radio, etc. Burt is going to research a grounding bar. Tom attempted to make a contact with no result.

Field Day: Appears we won't have it this year due to lack of interest and lack of a chair volunteer. Motion by Burt, support by Scott to not have Field Day this year. All Yes's, No no's. Motion passed.

New Business

President Tom will talk to Skip Caswell, KE9L to see if any of the new licensees are in need of Elmering to try to recruit new club members.

Scott reminded us of our previous discussion about changing the meeting start time due the Library closing at 8:00 pm in the summer. Beginning in June the meetings will start at 6:30 pm.

Scott distributed an Ohm's Law formula chart.

Adjournment

The meeting was adjourned at 7:33 p.m.

For the Good of the Order

Attendees reported on their recent activities.

Submitted by Paul Schultz

Attendees

Tom Martin, W8JWN - President
Scott Jarmusch, KA8TFF - Vice President
Burton Armbrust Sr., WB8EBS - Treasurer
Paul Schultz, KD8KUF – Secretary
Mike Bray, K8DDB
Joe Ferris, KC9TQR
Joe Komblevicz, KB8ETK

Club Patches are available from:
Burt Armbrust WB8EBS
693 Cliff St
Quinnesec, Mi 49876



The patches are 3 inches in diameter and sell for \$3 each.

If ordering by mail please include a SASE along with your payment.

Balances as of March 22, 2012:

Checking	\$ 24.60
Regular Savings	\$ 572.44
Trailer Fund	\$ 1850.23
Repeater Savings	\$ 1113.69
Petty Cash	\$ 7.00

Links

ARRL WEB PAGE: <http://www.arrl.org>

ARRL MICHIGAN:
<http://www.arrl-mi.org/>

US REPEATERS:
<http://www.usrepeaters.com>

MICH-A-CON :
<http://www.qsl.net/ka1ddb>

Tropospheric Ducting Forecasts:
<http://www.dxinfocentre.com/tropo.html>

FCC Universal Licensing System:
<http://wireless.fcc.gov/uls/>

QTH.COM: <http://www.qth.com/>

QRZ.COM: <http://www.qrz.com/>

Ehamnet.com:
<http://www.eham.net/>

U.P. Skywarn: <http://kcra-mi.net/skywarn/>

**Please remit dues to :
Burt Armbrust WB8EBS
693 Cliff St
Quinnesec, Mi. 49876**

Name: _____
Call Sign: _____
Address: _____
City, State, Zip _____

**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 and call**

signs: _____
City, State, Zip _____
Call Sign: _____
Email Address: _____
Phone: _____
ARRL Member? Yes____ **No** ____

Annual dues are Payable January 1st.

**Dues for New Members are Pro-rated.
Please remit \$1.67 per month for a Single
membership or \$2.50 per month for a
Family membership.**

V.E. TESTING:

???? Iron Mountain: 9:30am central time, Dickinson County Library(conference room), contact Mark J. Lewis N8UKD, Fairmount St. Kingsford, Mi 49802. Examinees must be pre-registered. (906-776-1553).

6/8 Marquette: 8:30am eastern time, (arrive by 8:00am) Marquette County Health Dept. Bldg,U.S. 41 just east of the Michigan State Police Post. You must pre-register by Tuesday preceding the test date. Contact Rich Schwenke, N8GBA at 906 249-3837 e-mail: n8gba@chartermi.net or Greg KI8AF 906 225-1594 ki8af@arrl.net.

10/5 Hancock: 8:30am eastern time, The Zion Lutheran Church, 400 Ingot St Hancock, Mi. Go north on hwy 41 (Quincy Hill) near the lookout. Turn left on Ingot up about one block. The church is on the left hand side of the street. This is a barrier free entrance for the handicapped Contact Glenn Ekdahl, WA8QNF at (906) 482-7743 or email: wa8qnf@arrl.net if you have questions. You can now take a Hamexam "Anytime". Contact Glenn, WA8QNF at (906)482-7743 for details.

7/13 Gladstone: Sponsor: Delta County Amateur Radio Society Time:10:00 AM (Walk-ins welcome) Contact: Dave Palmgren N8DP, (906) 428-2271, n8dp@dcaars.org Vec: ARRL/VEC Location: Gladstone City Hall Main Meeting Room 1100 Delta Ave Gladstone, Mi. 49837.

Please arrive one-half hour early for test sessions to give time to process applications. Testing applicants

should bring the following items with them: Two pieces of I.D. one being a photo I.D., Original license and one clear copy of their license if applicable, Completed form 605 (one will be provided if you don't have one), pencils, calculator and the test fee of \$15.00. Please have the correct fee as examiners do not carry change. Please contact the individual(s) listed to confirm date(s), location(s), etc. Note: If you have been assigned a FRN from the FCC you must use it on all forms rather than your SSN

Club Activities:

ARES Nets are conducted at 6:30 PM Central Time every Thursday on our 2-meter repeater (146.850 MHz.)

Meeting: The Mich-A-Con Club meets the second Tuesday of the month at the Dickinson County Library at 7:00 PM. Visitors and Prospective Members are always welcome.

Our Saturday Morning Breakfast is held on the 3rd Saturday of every month at 9:00 AM at the Holiday Kitchen Restaurant on Stephenson Ave (US-2) in Iron Mountain.

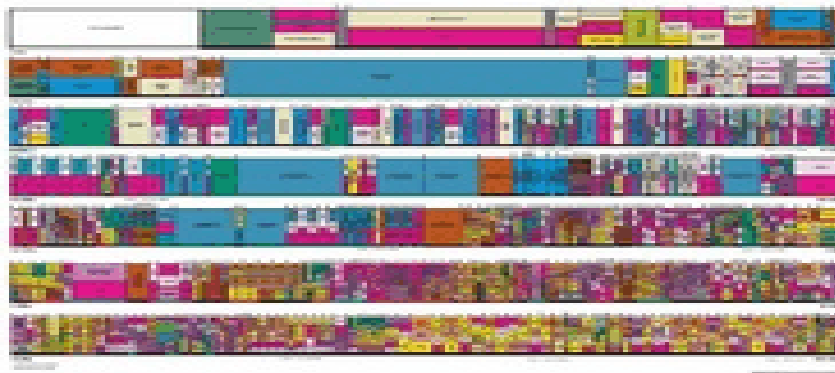
Club Repeaters:

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 under normal conditions, depending upon terrain. The 440 MHz repeater has a range of about 25 miles.

Repeater Specifications;

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



This chart, published by the National Telecommunications and Information Administration (NTIA), shows the allocation of frequencies in the US.

For a larger version :

http://www.ntia.doc.gov/files/ntia/publications/spectrum_wall_chart_aug2011.pdf

ARRL Comments on Proposed Expansion of 5 GHz Unlicensed Broadband

from:

ARRL Letter for May 30, 2013

Observing that “a decision in the near term with respect to the addition of [unlicensed National Information Infrastructure] U-NII devices to the 5.85-5.925 GHz band would be premature,” the ARRL has commented in response to an FCC Notice of Proposed Rule Making (ET Docket No. 13-49) that proposes to authorize U-NII use of an additional 195 megahertz of spectrum in the 5.35-5.47 GHz and 5.85-5.925 GHz bands. The Commission was obligated, pursuant to Section 6406(a) of the Middle Class Tax Relief and Job Creation Act of 2012 (Public Law No. 112-96), to begin a proceeding to allow U-NII devices in the 5.35-5.47 GHz band. As the ARRL comments note, “There is no legislative obligation, however, to make available the 5.85-5.925 GHz band for U-NII use.”

The Amateur Radio Service has a longstanding secondary allocation of 5.65-5.925 GHz, with an amateur-satellite uplink band at 5.65-5.67 GHz and a downlink at 5.83-5.85 GHz. In its 14-page filing, the ARRL traces the history of “a continuing series of overlays” to which the band has been subjected over the past 16 years, progressively reducing the utility of the amateur allocation. In 1999, the Commission allocated 5.85-5.925 GHz for direct vehicle-to-vehicle and vehicle-to-roadside, or “Dedicated Short Range Communications” (DSRC). Amateurs may continue to operate in this segment, but only to the extent that they do not interfere with DSRC operations. In support of its argument that the introduction of U-NII into this segment would be premature, the ARRL observes that “...a U-NII overlay at the present time requires a good deal of compatibility analysis, none of which has been completed to date.”

The full text of the ARRL’s comments is available below. The comments were filed on the deadline date of May 28, 2013. Reply comments are due by June 24.

Club Meetings:

The Mich-A-Con Amateur Radio Club meets on the second Tuesday of the month in the Dickinson County Library at 6:30 PM. Visitors and prospective members are always welcome!

The URL for the Mich-A-Con ARC web site is: <http://www.qsl.net/ka1ddb/>

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

The ARRL DX Bulletin on the Upcoming Activities page is updated each Thursday and the contests section is updated on a monthly basis.

Club Officers:

President:

Tom Martin, W8JWN
(906) 774-5463
tmartin@chartermi.net

Vice President:

Scott Jarmusch KA8TFF
s_jarmusch@yahoo.com

Secretary:

Paul Schultz KD8KUF
(906) 774-8900
pauls@schultzequipment.com

Treasurer:

Burt Armbrust WB8EBS
(906) 774-8383
wb8ebs@yahoo.com

Reminders:

Club dues for the year 2013 are payable on January 1st. Please use the Membership Application - Renewal form when paying your dues. Checks should be made payable to : Mich-A-Con Arc and sent to our Treasurer, Burt Armbrust WB8EBS at the address listed on the form. Thank-you for supporting your club!

**The Next Mich-A-Con Meeting will be held on:
Tuesday June 11, 2013. It will be held in the Dickinson County
Library at **6:30 PM****

Wanted:

**Your Articles, Your pictures
and your Input for the
Newsletter!**

Send them to:

[**kd8ccp@arri.net**](mailto:kd8ccp@arri.net)