

MICH-A-CON RF

Iron Mountain, MI

MAY

Meeting Reminder: **Second Wednesday of Month**

Which is **May 14, 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

You Know You're a Ham if ...

You buy electrical black tape in ten packs.

You've stripped wire with your teeth.

You've told your son that, "One day, all this will be yours", and he doesn't respond.

You'd rather help a buddy put up a new tower than mow the lawn.

You've grabbed the wrong end of a soldering iron.

You start giving out RST reports when you are on the telephone.

The propagation forecast means far more to you than the local weather forecast.

You tell the XYL, when she notices a new rig in the shack, "Why that has been there for years." (Works for me.)

Your watch is set only to UTC.

At night, when you pray, it starts off something like: CQ CQ CQ GOD DE (your call sign).

You ever had to patch your roof after an antenna project.

Ham radio magazines comprise more than 50% of your bathroom library.

You ever put a GPS tracker in the XYL's car, just so you could watch her on APRS.

You ever tapped out HI in Morse on your car horn to another ham.

You ever had an antenna fall down.

Your teenager refuses to ride in your car because it looks like a porcupine.

You know the Latitude and Longitude of your home QTH.

Your spouse had to make their own supper because you had to check in to the UP Net.

See you “hams” at the next meeting. Field Day preparations will begin!

73 & 88,

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.

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.

MICH-A-CON AMATEUR RADIO CLUB**MINUTES OF APRIL 9TH, 2014 MEETING**

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

Secretary Report

Minutes of the March 12th meeting were read and approved.

Treasurer Report

Balances as of - April 9, 2014:

Checking - \$19.64

Regular Savings - \$ 2,417.46 of which \$ 1,862.03 is in the Trailer Fund.

Repeater Savings - \$ 1098.18

Petty Cash - \$ 19.00

Repeater Report

The repeater is working, but noisy at times. The new antenna has not been ordered, yet. Burt has been experiencing computer problems and unable to check his email.

Old Business

Dave Thomas provided information about the role ARES plays in local emergency communications. It was noted that ARES and RACES are not the same. ARES is under the ARRL, while RACES is a function of FEMA and the federal government. Forms were distributed for those hams wishing to be part of the Dickinson Area ARES Net. The forms may be returned to Dave at the May meeting. The ARES Net meets each Thursday following the Mich-A-Con Social Net (6:30 pm).

W1AW Centennial stations in Virginia (W1AW/4), Massachusetts (W1AW/1), and Puerto Rico (W1AW/KP4) will be on the air through April 15.

Tom Heyboer was again congratulated for an excellent newsletter. Both the layout and content were complimented.

A few in attendance are still having a problem receiving the newsletter, even after collecting email addresses at the March meeting. Bill and Debbie Grabowski are not getting it in their email. A few people reported that they are receiving the newsletter, but are unable to open it.

President Tom Martin reported that the U.P. Veterans' Memorial, at Pine Mountain, is available for the dates of ARRL Field Day (June 28 & 29). The total cost is \$150, including a \$50 deposit that is refundable. He will file the rental application along with a check from the club to cover the fees. Tom will also check with the Kiwanis Ski Club to see if we might use their deck to mount one of the antennas. This will be more convenient than getting a lift unit, as in the past.

Skywarn participants had determined their severe weather locations at the March meeting, therefore further discussion was not considered necessary.

Tom Martin commented on the excellent job that Bill Bertoldi did with the program he put on at the March meeting. Bill presented information on the radio aspects of his rockets program at Kingsford High School.

New Business

The Michigan QSO Party will be held on Saturday, April 19. Members were encouraged to give it a try. Since QSO parties are usually less-intense than most contests, they are a good way to get started in radiosport. Michigan hams will provide the serial number of each QSO along with their county. Hams from other states will give a serial number and their state. Counties in our area are usually rare, due to a small number of hams participating. For those who are on the air, this should give a good number of contacts. Further information, including county lists and complete rules, is available at www.miqsop.org.

The Saturday breakfast, once a popular club activity which has been in the newsletter for years, has not been attended for quite a while. It was determined, without objection, to remove it from the newsletter.

Burt Armbrust reported on upcoming local emergency preparedness events. The Kingsford Post Office will be holding an anthrax drill on April 22 and the Dickinson County 911 Dispatch and Emergency Operations Center will hold an open house on May 17. By the end of June it will be possible to text message 911. Also, in the near future it will be possible for 911 Dispatch to receive cellphone video (with embedded GPS data). This will allow persons to capture the nature of their emergency without speaking or texting.

Adjournment

The meeting was adjourned at 7:42 p.m.

Program

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
Joe Komblevich, KB8ETK
David Thomas, KG9Y
Bill Grabowski, KD8VTT
Debbie Grabowski, KD8VTS
Gary Schafer, K4FMX
Steve Hebert, KD8WAK
Scott Dolatowski KC9ZBC (and son, Shelby)
Jim Rye, W8IFI
Herb Pahlow, KD9SY
Art Costa, KD8GLO
Jared Paul, ND8M
Michelle Paul, KD8SZA
LeRoy Anderson, N8WQG
Red Maxwell, KC9KWS

ARRL MICHIGAN SECTION NEWS

Michigan Section News:

April, 2014

The hamfest season is beginning to ramp up here in Michigan. The "Cabin Fever" hamfests have already been held and we are now getting to the spring events. Dayton is just around the corner and before long the National Convention in Hartford, CT will be upon us. Be sure to attend as many of these great events as you can, especially the Michigan Swaps. The opportunity to see old friends and look for that treasure that you have been seeking make these excursions worthwhile and fun. And the number one reason for attending hamfests is to support the clubs that put forth the effort to host the events. Without hams attending their hamfests, they will die. Plain and simple. Please do your part (and have fun doing it!)

PRB-1 Update

On Tuesday, April 8, three members of our PRB-1 team (WA8QJE, KD8NKJ and WB8R) met in Senator Jones' office in Lansing with representatives of the Michigan Municipal League and the Michigan Township Association to discuss our common goals. Thus far the results have been determined to be positive. Stay tuned for more information as it happens.

Digital Presentation Team

Our Digital Presentation Team has already been out on the road with more presentations scheduled for the coming weeks. On April 3, WA8LMF and AC8JW presented a program in Big Rapids. AC8JW is scheduled for a program at the Branch County ARC in Coldwater on April 15. On May 3, KJ8O will be in Trenton for a workshop and on May 7, W8TFI will present a program for the L'Anse Creuse ARC in Harrison Twp. The workshop in Trenton will be an excellent opportunity to learn about the digital sound card modes with an emphasis on the Fldigi suite of programs.

This will be an excellent opportunity for Emergency Coordinators and other interested hams in SE Michigan to learn about this important communication method. The workshop will be held at 9:00 AM on May 3 at the Trenton Faith United Methodist Church, 2530 Charlton Rd, Trenton, MI 48183. Attendees are encouraged to bring their computer and interface. WiFi will be available for downloading applications.

Club meeting information is available on the ARRL website by doing a search for the club. Feel free to contact one of the team members closest to you to discuss setting up a presentation for your group.

The team members are:

John Clements, KC9ON Gaylord, MI kc9on@arrl.net
Stephen Smith, WA8LMF, Haslett, MI wa8lmf@aol.com
Joe Miller, KJ8O, Troy, MI kj8o@arrl.net
Brian Johnston, W8TFI, Warren, MI w8tfi@arrl.net
John Mathieson, AC8JW, Kalamazoo, MI ac8jw@arrl.net

Please understand that these gentlemen are volunteers who operate on their personal funds for travel. There is a chance that their availability may not mesh with your needs. Our team will do their best to provide your group with quality information on a reasonable schedule.

ARRL Centennial QSO Party

The ARRL Centennial QSO Party continues to be the highlight of 2014. Each week two new states are in the limelight and occasionally one of the US Territories is on the air as a bonus. A couple of weeks ago W1AW/KH2 Guam was on the air and readily accessible. This week it is W1AW/KP4 in Puerto Rico. Beginning April 16z, North Dakota will be on. There will be big pileups for sure, but what an opportunity to have a QSO with the hard to find states. You can even use a DX spotter network to find out exactly where they are without the endless knob turning that we had to do in the “olden days”!

There are tens of thousands of hams that are working toward an all W1AW Worked all States award and what great fun it is. See you on the bands!

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

Special Event Station

Bangor, MI will host Special Event Station W8T celebrating Bangor Train Day on May 10, 2014 with a certificate available for a SASE. Here are the details:

Date: Saturday, May 10, 2014

Time: 0900 to 1800 EDT

Special Event Call: W8T

Frequencies: 7230, 14240, 21330, 28330 Mode: SSB only
SASE for 8.5 x 11 Certificate to KI8Z (56500 48TH Ave, Lawrence, MI 49064)

Special event stations are a hoot to work and the certificates make for great memories and war stories. Please take a few minutes to make a contact with the good folks in Bangor in May.

Michigan Section Family Outing

The 16th annual Michigan Section Family Outing will be held at the Woodlands 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.

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. Tell your boss that you need that week off work and make your plans now! Hotels are taking reservations now and they will be going fast. Complete information is available on the ARRL website.

Michigan QSO Party

The annual Michigan QSO Party is scheduled for April 19, 2014 and runs from noon to midnight local time. Clubs and individual hams alike, make your plans now to get on the air and enjoy this great event. Work as much or as little as you like, but get on the air! This is a great activity to use as a stepping stone to some of the bigger contests and will certainly whet your contest appetite. For more information, here is a link to the rules for the 2014 event:

<http://www.miqp.org/Rules.htm>

Hospitality Acknowledgements

Crossroads Hamfest, Marshall, MI
Milford Hamfest, Milford, MI

It was a pleasure to attend your event.

Section Staff Travel Plans

May 3, 2014 Cadillac Hamfest, Cadillac, MI – WB8R
Jun 1, 2014 Chelsea Swap, Chelsea, MI – WB8R
Jun 7, 2014 IRA Swap, Hudsonville, MI – WB8TKL
Jun 7, 2014 LARS Swap, Newberry, MI – WB8R
Jun 15, 2014 Monroe Hamfest, Monroe, MI – WB8R
Jun 21, 2014 West MI Youth Club, Lowell, MI – WB8R
Jul 10–13, 2014 MI Section Family Outing, Hale, MI – Section Staff
Jul 17–19, 2014 ARRL National Convention, Hartford, CT – WB8R
Jul 26, 2014 CMARC Outdoor Swap, Lansing, 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
, 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 (SAR) for March, 2014: K8RDN 391, K8ED 378, K8LJG 280, WB8WKQ 258, KD8AAD 223, WB8TQZ 205, WB9JSR 193, KB8RCR 124, N8FVM 112, WB8RCR 70, KD8ULU 68, KC8BW 57, WD8USA 54, WB8H 18, N8OSL 17, WB8R 13, W8MSK 12, KD8LSM 10, KD8EBY 2.

- Total SAR reported: 2485

Brass Pounder's League (BPL) for March, 2014: K8LJG 280.

Public Service Honor Roll (PSHR) for March, 2014: K8RDN 320, WB8RCR 275, N8OSL 232, WB8R 188, N8FVM 160, KD8EBY 145, WD8USA 130, WB9JSR 100, WB8WKQ 100, W8TBC 100, WB8TQZ 100, KB8RCR 100, KC8BW 90, K8ED 80, KD8AAD 58, WB8H 54, KD8ULU 50, KD8LSM 32.

Net traffic for March, 2014: Michigan Amateur Communications System 189, Michigan Traffic Net 176, The Michigan Net 169, Michigan Digital Traffic Net 88, Upper Peninsula Net 47, Great Lakes Emergency and Traffic Net 25, Southeastern Michigan Traffic Net 9, Michigan Amateur Radio Public Service Corps 6, District 3 ARPSC Net 4, Saginaw County ARES Net 3, District 3 Digital Training net 1, Red Cross Net of Greater Grand Rapids 1, Bay Area Regional Traffic System 1, District 5 Hospital Net 0, Branch County Emergency Net 0, Branch County Digital Net 0, Chelsea ARC Net 0.

Total net traffic reported: 719

Total value of ARES activity for March, 2014: \$45,992

Total value of NTS activity for March, 2014: \$42,819

Total value of MI Public Service for March, 2014: \$88,811

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

- FCC Takes Enforcement Action on Two Fronts
- Dale's Tales for May
- Taking a Peek at the ARRL Centennial Convention
- What Time is it? Its Dayton Time!
- Ramblings

+++ FCC Takes Enforcement Action on Two Fronts +++

+ Is there Renewed Intensity at FCC in DC? +

Since Riley Hollingsworth, K4ZDH retired from the FCC, the effort taken by the Commission to enforce its Amateur Radio rules seems to have been minimal and very disappointing. Two recent enforcement actions coupled with a slightly earlier one give hope that ARRL's strong requests may have brought renewed interest within the Commission in acting against rules violators.

As reported at arrl.org, the FCC has cited two individuals for continued violation of rules. In a Citation and Order dated April 24, a Thomas Edward Rogers of Woodinville, WA was cited for interfering with "licensed radio operations and (failing) to comply with federal rules and regulations . . ." The Citation was for repeated failure to respond to previous communications from the FCC and continuing to generate radio emissions that interfered with radio communications.

Mr. Rogers was warned of fines of "up to \$16,000 per day."

In an Order dated April 22, the FCC reported a Consent Decree regarding a James E. Winstead, until recently KD5OZY, of Coleman, TX. Winstead had admitted to FCC to have intentionally interfered with other amateur stations on 7.195 MHz. The ultimate conclusion to this investigation is that Winstead was stripped of his Amateur Radio license for life and issued a fine of \$1,000. The fine initially had been set at \$7,000 in a Notice of Apparent Liability issued by the Commission on January 21, 2014.

These two most recent examples of enforcement proceedings come on the heels of action taken against an errant ham who was found guilty of malicious interference with another radio service. All of the actions are the result of investigations by FCC Field Office personnel and regulatory review by FCC staff. The two most recent investigations were stimulated by hams who were effected by or aware of the willful/malicious interference.

Although the Commission did not confirm this in their recent news releases, amateurs likely provided detailed information on the situations. This information typically would involve details (possibly audio recordings) of the interference, general or specific locations of the source of interference, characteristics of the interference, possibly even the identity of the offender, etc. Very often ARRL Official Observers (OOs) help obtain, review and process details into the most useful format for FCC review and action.

From my personal experience, FCC Field Office personnel are more than happy to investigate reports of malicious interference. We, as amateurs, must keep in mind, however, that they have much on their plates and that we need to provide as much information as possible toward identifying a perpetrator. Field Office personnel can be expected to pursue few problems presented to them in a vacuum.

Added comment -

With a new "sheriff in town" at the FCC, and with the Commission having just recently taken rather strong action to rid the ham bands of two bad actors (and having taken care of still another wayward ham during essentially the same time-frame), allow me the privilege of daring to hope ARRL has achieved a renewed interest by FCC management in DC in enforcing it's rules. It has long been the belief of the ARRL Board and Officers that visible, enforcement action discourages many additional amateurs from straying beyond the lines of legal operation.

Let's keep in mind that observing FCC and International Amateur Radio rules and regulations goes beyond avoiding causing intentional, malicious interference. Without trying to provide a discussion of do and don't rules, let me simply say that such seemingly "no-harm, no foul" disregard of the rules as operating out of proper band segment is as much of a violation as is wanton disruption of communication during disaster relief activities. Even though the result of the violation may be considerably different, it is as much a violation of rules for a General Class operator to slip into the Extra Class-exclusive subbands to grab a much-wanted DX station as it is if this same operator interfered with amateur communications that are critical to the health and welfare of victims of a major tornado, flood or earthquake.

(You may be interested to know that more than one DXer has lost DXCC credit and awards after having been shown to have submitted QSLs for contacts made outside their allocated subbands.)

All of the rules should be followed. We must not pick and choose which rules to observe and which to ignore.

+++ Dale's Tales for May +++

Greetings all.

Good-Fat-Grief! What a happening. The ARRL Centennial, that is. This has to be the greatest operating event since someone developed Field Day. It is like operating Field Day all year long, maybe better. I know I commented on it a couple of months ago in this blurb, but it just gets better. I have received many, many complimentary comments from fellow ops on the air about how much they are enjoying this event.

Many have said it has brought them back on the radio after considerable absence. Several have expressed hope that this type event could be continued. Several others have stated that whoever conceived the Centennial event should get a medal. I must agree with all.

I have had loads of fun just simply responding to "CQ ARRL Centennial" and giving the OP 200 points as a Vice Director. Their surprised reactions are wonderful. I have had a few mini-pileups when I have managed to find some operating time just to get on have some fun. It has always been rewarding, and hearing comments from members as well as those holding various appointments and offices really puts the cap on the program.

Interestingly, I see a camaraderie developing within the ham radio community that was not so apparent in the recent past. One hears a lot of "Thank you" and similar complimentary comments from hams world-wide.

Surprising, is the amount of participation from so many DX stations as well. Now is a good time to show your pride as a ham.

If you have not yet participated, please give it a shot. The contacts mount up quickly and you can track your scores via Logbook of the World. Look for "Leader Board" on the LoTW home page.

73, see you on the bands. Get on, burn up the ether!!

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

+++ Taking a Peek at the ARRL Centennial Convention +++

Nobel Prize winner Joe Taylor, K1JT, will be the featured speaker for a large-group presentation at noon on Saturday, July 19 during the ARRL Centennial Convention. The Convention will take place in Hartford, Connecticut. Taylor's presentation, "Gazing into the Future — DXing with Weak Signals and Beyond," will take place in the large meeting hall at the Connecticut Convention Center.

Yes, we have a US Nobel Laureate who is a staunch member of ARRL. And, yes also, all members are invited to register for and to attend the Convention. See arrrl.org for details.

From arrrl.org.

+++ What Time is it? Its Dayton Time! +++

The famed and truly fabulous Dayton Hamvention(R) is May 16-18. If you've never been there, this is two-plus days of great forums with massive displays of commercial vendors indoors and flea marketers outdoors. ARRL will be represented in force, as usual. Sunday's program is somewhat shorter than those for Friday and Saturday.

Beginning Thursday, evenings at Hamvention are no less interesting than the days. There are dinners and meetings including: SWODXA DX Dinner (R), Dayton RTTY Contest Dinner, TopBand Dinner, AMSAT/TAPR Banquet, Collegiate/Young Adult Ham Radio Dinner, AMSAT Dinner, Contest University, and Dayton Contest Dinner.

Search online for Dayton Hamvention.

+++ Ramblings +++

Similar to Dale (above), I'm having a proverbial ball operating in the ARRL Centennial Celebration I have to admit that my participation has been limited recently, but I'm chomping at the bit to get back at it!

The activity that has taken much of my time during recent days is becoming current with my QSLing. Since the advent of Logbook of the World (LoTW), I had gotten away from sending cards to the Outgoing QSL Bureau periodically. A couple of weeks ago I decided to get up-to-date with my Bureau cards.

Wow, what a backlog! I may be exaggerating a little, but I would have a large suitcase full of QSLs if I sent all of them at one time. This would also involve a substantial expense when considering the cost of QSLs, labels (for the QSO exchanges), ink and shipping. Consequently, I've decided to go through the morass of QSOs I've neglected to process to pick out only the DX entities and bands I need.

It is often said that one thing leads to another. Well, the initial check for unQSL'd QSOs has progressed to a search to see which cards need to be sent to QSL managers and just who the managers are. These managers are for overseas hams who use QSL managers on a year-round basis and for DXpeditions that used a manager for their Q's. I'm still in the early stages of this second screening. I should have this task completed within another week or so.

Before I receive too many e-mails chiding me for letting my QSLing back up so much, let me acknowledge that keeping up at the end of each day or week -- even month -- would have been much easier and would have consumed less time than when playing catch-up.

By-the-way, if you hear me on the air, work me. I'm always happy to QSO a Division member. In addition, Directors carry a point value of 225 points in the ARRL Centennial QSO Party.

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

Reflections:

Field Day 2014

June 28 – 29, 2014

Start: 1800 UTC Saturday

End 2100 UTC Sunday

Always the fourth full weekend in June

What is Field Day?

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the 150,000+ member national association for Amateur Radio in the USA.

ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

News

What Do Ham Radio Operators Do in Emergencies?

Depending on the nature of the emergency, hams volunteer to perform a number of functions:

- They "shadow" government and agency officials. Shadows ride "shotgun" in officials' vehicles, follow them on foot and keep them in touch, typically via VHF/UHF repeater systems.
- They set up and operate base stations at shelters, command posts, emergency operations centers, agency headquarters, hospitals, and the like, providing communications among the various agencies and their officials out in the field (who are being shadowed by a ham).
- They operate in local, regional, and national *traffic nets* which move information in the form of "radiograms" into and out of disaster areas.
- Besides voice communications, they use digital communications to move data about victims, supplies, etc. accurately by radio; use Amateur TV to provide live video imagery to aid in damage assessment and recovery; and save the world from alien invaders with the Morse Code (just kidding).
- They remain flexible and adapt to changing circumstances as needed, always carrying a large "bag of tricks" (jump bag).

Hams have been providing these types of services to the public since 1913. Emergency communications is the first of the founding tenets of the Amateur Radio Service as codified in the FCC rules ([part 97, title 47 of the US Code of Federal Regulations](#)).

What are ARES and RACES?

The Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES) both have very similar goals: to protect life and property during an emergency. Membership in the ARRL or any other organization is not required for either, just a valid Amateur Radio license (Technician or higher for RACES).

ARES and RACES could be organized as essentially one group of people. There are technical and legal differences between the two services, as outlined below. Following is a brief description of ARES and RACES. For more detailed information, see the [ARRL Public Service Communications Manual \(PSCM\)](#).

Participation in ARES and RACES is voluntary and you may quit at any time. You must be pre-enrolled in RACES in order to participate in RACES activities. While it makes sense to join ARES before you are needed, there is nothing to prevent you from offering your services at any time to aid in an ARES emergency response. Joint membership in both ARES and RACES is encouraged.

ARES - The Amateur Radio Emergency Service

The American Radio Relay League administers ARES (although you do not have to be a League member to participate). Any member can activate the ARES group. ARES provides [emergency radio communications](#) to a number of client groups, including local government, the American Red Cross, the Salvation Army, and others.

RACES - The Radio Amateur Civil Emergency Service

[The Federal Emergency Management Agency \(FEMA\)](#) can provide matching funds to support a local or state government's use of RACES (which is authorized by part 97 of the [FCC Rules](#)).

However, RACES is a local or state government service -- there is no Federal RACES. Only the RACES Radio Officer of a local government civil preparedness agency can activate RACES in times of emergency. During times of war (when the President invokes War Emergency Powers), normal Amateur Radio Service operation is silenced and RACES stations are limited to a pre-defined set of operating frequencies that are within the normal Amateur bands.[See page 10 of the [PSCM](#)] RACES may also be used for non-wartime emergencies which can include natural or technological disasters such as fires, floods, earthquakes, chemical spills, and nuclear power plant accidents.

During all times that Amateur stations are operating under RACES rules, they may only communicate with other RACES stations, and only for the purpose of conveying official civil-preparedness emergency communications.

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 Information

4th Annual Luce Amateur Radio Society Hamfest

Saturday, June 7, 2014 0900 -1200 EST

Pentland Township Hall in Newberry, MI

Tower Electronics from Green Bay will once again be there with their massive traveling inventory of everything you could ever want. One free table being offered to Mich-A-Con. Set up will begin on Friday afternoon June 6 with hot dog/hamburger cook out with campfire at the hall Friday night.

Please let me know if club would like a table.

For more information go to www.w8nby.com.

Come all to the biggest little hamfest around and spread the word!

One free admission to Mich-A-Con member otherwise \$5.00

PLUS Test Session at 1300 EST

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

tmartine@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.

Visitors and prospective members are always welcome!

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

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.