



MICH-A-CON

Iron Mountain,
Dickinson County, Mich

October 2016

Meeting Reminder: Second Wednesday of the Month

Which is **October 12, 2016** at 07:00 PM at the Dickinson Library, Iron Mountain.

From The President

I finally got the courage to climb the tower and fix the low beam. Actually, my wife prodded me to do it. She was tired of me talking about it and not doing anything! Also, Bill (KD8VTT) told me one day that I had to set an example as president. It looks bad to the group, if I don't have antennas working. HI!

So, after I figured out how to put on the climbing harness, with a bit of help from Gary (K4FMX), I hung it up in the garage to be ready for the day when I would actually climb. A week later that day came.



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I replaced the male N connector adapter that was shorted and added 50' of new coax. I climbed down and fired up the rig. Voila! SWR was fine and the beam took 500 watts of RTTY output without a problem. Now, both of my beams are working great! I'm ready for the contest season.

The day after I finished work on the beam, Tom (KC8TH), forwarded me an email from Matthew Meyers of Vertigo Climbing, LLC. This business is located in Iron Mountain! I emailed him and asked him to give a presentation at the next meeting. He said that he would try to come. It would be great to have local climbers for us old timers.

At the next meeting we will discuss the EIN (Employer Identification Number) application that I submitted to the IRS, the Veterans Day event, and the upcoming election (ours not the national one).

Although conditions have been worse than poor, DX can still be worked on most bands. I even got a new one on RTTY D66D on 15 meters. I even worked VK9NZ on 12 meter RTTY. (SFI is 104 as I type (10/9) A is 6 and K is 1. Good numbers this weekend.) turn on the radio and work some DX.

73,

Tom W8JWN

MICH-A-CON AMATEUR RADIO CLUB MINUTES OF September 14, 2016

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

Secretary Report

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

Treasurer Report

Balances as of - September 14, 2016:

Checking - \$2.72

Savings - \$1760.41 (Repeater - \$347.60)

Petty Cash - \$ 22.00

Repeater Report

The repeater was described as working, with results varying according to conditions and direction. Skip Caswell reported that it is sometimes hard to reach from Randville. It was also reported that the Marinette area hears it better than ever.

Old Business

The LLC paperwork has been received from the State of Michigan. The club is now an LLC. We now need to get a tax number. President Tom Martin will take care of this.

The lighthouse activation has received two QSL cards, so far. Terry Moriarity reported that they made roughly 50-60 QSOs during the weekend. Terry will pick up some card stock and prepare the cards.

Tom Martin reported that U.P. International Trucks, Inc. (formerly Schultz Equipment) will allow our storage van to remain on their lot. There were two conditions set: (1) U.P. International Trucks,



Inc. is to be named on our insurance, and (2) They are to be supplied with evidence of our insurance coverage.

New Business

QST has been notified of our Veterans Day special event station. Set up will be in the afternoon on Thursday, November 10. Operation will take place on Friday, November 11 and Saturday, November 12.

The club's gin pole has been found. Scott Baker located it at his home.

Adjournment

The meeting was adjourned at 7:15 p.m.

For the Good of the Order

Attendees reported on their recent activities.

The 50-50 drawing was won by Joe Ferris. Forty-five dollars went to the club treasury.

Submitted by Joe Ferris

Attendees

Tom Martin, W8JWN - President
Scott Jarmusch, KA8TFF - Vice President
Debbie Grabowski, KD8VTS - Treasurer
Joe Ferris, KC9TQR - Secretary
Skip Caswell, KE9L
Burt Armbrust, Sr., WB8EBS
Tim Miller, N8TUM
Gary Schafer, K4FMX
Terry Moriarity, K9TRY

Bill Grabowski, KD8VTT
Gary Newman, WWOGN
Bill Johnson, WJ4G
Joyce Williams, Visitor

News

W1AW/x QSL cards now working through the Bureau

After a recent conversation at a hamfest with the 8th AREA QSL Bureau Letter "R" Manager, I am happy to report that the W1AW/x QSL cards are being processed and will soon be arriving in mailboxes.

It is now time to make sure that your letter manager either has a good supply of stamped SASE's or you have sent him/her enough cash on hand for your manager to provide necessary envelopes and postage.

General information on the Incoming QSL Bureau system can be obtained here: <http://www.arrl.org/files/file/QSL/Incoming%20QSL.pdf>

Specific QSL Bureau information is available here: <http://www.arrl.org/incoming-qsl-service>

Work your way through the website and ultimately you will end up on the Great Lakes Division 8th Area QSL Bureau web page. From there, locate the Letter Manager for the first letter of your callsign after the call area number and that will be your manager. You can locate his/her callsign and email address.

Ask your Letter Manager how he/she would prefer to handle cards coming in for you. The choices are generally cash credits or SASE. Make it easy on the volunteer.....do it the way they prefer.

Remember, volunteer is the operative word here. These folks do this job because they want to. Don't make their job unnecessarily complicated or difficult. When you communicate with them, be sure to tell them that you appreciate their efforts.

And oh, yes..... Enjoy those W1AW/x cards!!!

73,
Larry WB8R

FCC Updates Notice on Amateur Radio Operation in CEPT Countries

ZCZC AG34
QST de W1AW
ARRL Bulletin 34 ARLB034
From ARRL Headquarters
Newington CT September 20, 2016
To all radio amateurs

The FCC has updated its Public Notice on Amateur Radio operation in European Conference of Postal and Telecommunications Administrations



(CEPT) countries that have adopted certain recommendations regarding the US. The updated notice, in English, German, and French, includes some additional countries where operation is permitted. Licensees operating in CEPT countries must have a copy of the Public Notice, proof of US citizenship, and evidence of an FCC Amateur Radio license grant. These must be shown to "proper authorities" upon request.

More information about CEPT can be found at, <http://www.cept.org/> .

The Public Notice can be found in PDF format at, http://transition.fcc.gov/Daily_Releases/Daily_Business/2016/db0916/DA-16-1048A1.pdf

Subject to regulations in force in the country visited, a US citizen holding an FCC General, Advanced, or Amateur Extra Class Amateur Radio license grant "is authorized to utilize temporarily an Amateur Station in a [CEPT] country that has implemented certain recommendations with respect to the United States," according to the notice.

Advanced or Amateur Extra class operators are granted CEPT Radio Amateur License privileges, in accordance with CEPT Recommendation T/R 61-01 (as amended). General class operators are granted CEPT Novice Radio Amateur License privileges, in accordance with ECC Recommendation (05)06 (as amended).

CEPT countries participating in CEPT Recommendation T/R 61-01 as of September 16, 2016, are Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark (including Greenland, and the Faroe Islands), Estonia, Finland, France (including Corsica, Guadeloupe, French Guyana, Martinique, St Bartholomew, St Pierre and Miquelon, St Martin, Reunion and its Dependencies, Mayotte, French Antarctica, French Polynesia and Clipperton, New Caledonia, and Wallis and Futuna), Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, and the United Kingdom (including Great Britain, Northern Ireland, the Channel Islands, and the Isle of Man).

CEPT countries participating in ECC Recommendation (05)06 as of September 16, 2016 are Austria, Belgium, Belarus, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark (including Greenland, and the Faroe Islands), Finland, Germany, Hungary, Iceland, Liechtenstein, Lithuania, Luxembourg, Moldova, Netherlands, Poland, Portugal, Romania, Russian Federation, Slovak Republic, Slovenia, and Switzerland.

Information regarding countries participating in CEPT Recommendation T/R 61-01 and Recommendation (05)06 after September 16, 2016 is available from the European Communications Office (ECO).

The Public Notice includes complete details. For more information, contact Scot Stone, FCC Wireless Telecommunications Bureau, (202) 418-0638, or via email at, Scot.Stone@fcc.gov .

Amateur Radio Parity Act - Call to Action (Again)

Greetings to the hams of Michigan. Many of you have responded to our previous call to action and have sent your letters to our Michigan Senators. However, there are a significant portion that as of this writing have not done so.

This note is to urge that all who have not yet sent their letters to do just that: Send your letters!

We have an opportunity to positively affect Amateur Radio for years to come. H.R. 1301, the Amateur Radio Parity Act, has unanimously passed the House of Representatives and moved on to the Senate for consideration.

All you need to do is spend two minutes of your time to send an email to your two Senators supporting the Bill.

By doing so, you will have helped the future of Amateur Radio by guaranteeing our ability to have an effective outdoor antenna in deed-restricted communities.

The number of people living in such communities grows exponentially each year. Often, a ham homeowner has no choice but to live in a community restricted by covenants. There are nearly 3/4 of a million licensed hams in the United States, more than ever before.

But that may change if we are forced to live in a community that refuses to allow an antenna.

Help yourself and help your fellow hams. Go to this link:

<https://arrl.rallycongress.net/ctas/urge-senate-to-support-amateur-radio-parity-act>

Enter your zip code and follow the prompts. The letters are there.

All you need to do is fill in the blanks, hit save, then send.

That's it. Under 2 minutes and you're done.

If you haven't yet done so, please do so today. Your voice counts!

Thanks to all the hams of Michigan who have done their duty and thanks in advance to those who will respond to this missive.

For those who send their letters this time around, please send me a brief email that simply says "Letters Sent" followed by your callsign.

These emails help us gauge our participation.

73,
Larry, WB8R

ARLB032 W1AW 2016 Spring/Summer Operating Schedule

ARRL Bulletin 11 ARLB011
 From ARRL Headquarters
 Newington CT March 14, 2016
 To all radio amateurs

Morning Schedule:

Time	Mode	Days
1300 UTC (9 AM ET)	CWs	Wed, Fri
1300 UTC (9 AM ET)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1400 UTC to 1600 UTC - (10 AM to 12 PM ET)
 1700 UTC to 1945 UTC - (1 PM to 3:45 PM ET)
 (Station closed 1600 to 1700 UTC (12 PM to 1 PM ET))

Afternoon/Evening Schedule:

2000 UTC (4 PM ET)	CWf	Mon, Wed, Fri
2000 " "	CWs	Tue, Thu
2100 " (5 PM ET)	CWb	Daily
2200 " (6 PM ET)	DIGITAL	Daily
2300 " (7 PM ET)	CWs	Mon, Wed, Fri
2300 " "	CWf	Tue, Thu
0000 " (8 PM ET)	CWb	Daily
0100 " (9 PM ET)	DIGITAL	Daily
0145 " (9:45 PM ET)	VOICE	Daily
0200 " (10 PM ET)	CWf	Mon, Wed, Fri
0200 " "	CWs	Tue, Thu
0300 " (11 PM ET)	CWb	Daily

Frequencies (MHz)

CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675
 28.0675 147.555
 DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095
 28.095 147.555
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390
 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
 CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2230 UTC (6:30 PM ET), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0000 UTC (8 PM ET) Thursdays and 0000 UTC (8 PM ET) Fridays.

Audio from W1AW's CW code practices, and CW/digital/phone bulletins is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The monthly W1AW Qualifying Runs are presented here as well. The CW/digital/phone audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule.

All users who connect to the conference server are muted. Please note that any questions or comments about this server should not be sent via the "Text" window in EchoLink. Please direct any questions or comments to w1aw@arrl.org.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1400 UTC to 1600 UTC (10 AM to 12 PM ET), and then from 1700 UTC to 1945 UTC (1 PM to 3:45 PM ET) Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

The complete W1AW Operating Schedule may be found on page 103 in the April 2016 issue of QST or on the web at, <http://www.arrl.org/w1aw-operating-schedule>.

Distracted Driving Bill in Michigan

Recently, we learned from a Michigan ARRL member that a Distracted Driving bill had been introduced into the Michigan House of Representatives. This bill does not exempt amateur radio operators from this proposed law, with a result that operation of mobile amateur radio equipment may become illegal in Michigan.

I called on our State Government Liaison Ed Hude, WA8QJE to investigate and find a way to get this fixed before it becomes law. This is a very high priority item.

Today, I received the note below from WA8QJE:

Mr. Larry Camp, WB8R
Michigan Section Manager
American Radio Relay League
Coldwater, Michigan

Greetings Larry and the Michigan ARRL Membership,

I would like to inform you that I am in receipt of your email, expressing concerns from members of the Troy, Michigan area, regarding proposed State Legislation involving Distracted Driving and wireless device use. The proposed legislation is now identified as House Bill 5867, and was introduced by Representative Martin Howrylak, District 041, of the Michigan House of Representatives.

Thank you for bringing this to my attention.

As of today, I am happy to report to you that I contacted Representative Howrylak's Office to discuss this matter. In speaking with a Legislative Aide to Representative Howrylak, I found that she was very open to a dialogue regarding the proposed legislation. As a matter of fact

she thanked me on behalf of Representative Howrylak for the efforts put forth by the amateur radio operators in the Troy area as well as State wide in assisting with severe weather watches and emergency communications.

In my discussion with her about this legislation, I discovered our definition of wireless communications and their definition of wireless communications which would not only effect amateur radio mobile communications, but that of wrecker vehicles, power company vehicles and more are not the same.

Tentatively, we are looking forward to a meeting on Thursday, October 13th, time yet to be determined to address our concerns and to work together to amend this piece of legislation and clarify its original intent. I would like to request your assistance for this meeting and will contact you as soon as a time is confirmed.

I would like to ask of the membership that once this issue is resolved that consideration be given to support legislation as it relates to distracted driving by use of cellphones, smartphones, notebooks and iPads and similar devices. There has been needless loss of life and injuries as a result of the use of these devices and driving of motor vehicles by all age groups.

Regards,

Ed Hude, WA8QJE
State Government Liaison for Michigan
American Radio Relay League



ARRL MICHIGAN SECTION NEWS

From Sept 15....

Greetings to the Hams of Michigan:

We are past Labor Day now and the weather has begun to cool a bit. In my estimation, the days of fall are the best that Michigan has to offer. Hamfests are a great activity in the fall (or all year-round).

See the list below of swaps scheduled in Michigan. Hamfests from across the country are available on the ARRL website. (www.arrl.org)

Amateur Radio Parity Act

In the evening of September 12, the U.S. House of Representatives passed the Amateur Radio Parity Act, otherwise known as HR 1301. The next step in this long process is for the U.S. Senate to consider the bill.

The ARRL has made it very easy for members to send letters to our Senators via email. You can follow the link in the letter from Rick or go to the Rally Congress page at:

<https://arrl.rallycongress.net/ctas/urge-senate-to-support-amateur-radio-parity-act>

It is crucial that we all send letters to Senators Peters and Stabenow to request their support when HR 1301 comes before the Senate.

If you would be so kind, please send me a quick note advising me that you have sent your letters. You can email me at wb8r@arrl.org. Thanks in advance!

Michigan Fireman's Memorial

Special Event Station – The Northern Michigan Amateur Radio Service Team will operate “NM8RT” for the Michi-

gan Fireman's Memorial, Roscommon, MI Sept 14 thru 27, 2016.

Each September, Fire Chiefs, Fire Fighters, EMS and thousands of friends and family from all over the United States and Foreign countries gather to honor the memory of the valiant Fire Fighters who gave the supreme sacrifice while protecting their communities.

NMARST is looking forward to promoting Amateur Radio from within the ranks of the Fire Service and saluting their efforts. Watch for spots and mid-band General Class Bands. NM8RT at QRZ.com for QSL info. Will QSL to SWL's.

New officers chosen for Midland ARC

(Midland, Michigan—September 15, 2016) Last Thursday night, at their September 1st meeting, the membership of the Midland Amateur Radio Club held elections for club officers as provided in the club's bylaws.

President John Wolters, Treasurer Larry Macklin and Secretary Linda Hodges were re-elected. Mark Murray was selected to replace outgoing Vice President Keith Johnson. Mark will assume office at the next meeting.

Congratulations and thank you for stepping forward as leaders in your club. Clubs truly are the lifeblood of amateur radio.

Section Staff Travel Plans

Sep 17, 2016 GRAHamfest, Wyoming, MI – WB8R

Sep 18, 2016 Adrian Hamfest, Adrian, MI – WB8R

Oct 8, 2016 Alpena Hamfest, Alpena, MI

Oct 15, 2016 Muskegon Swap, Muskegon, MI – WB8R

Oct 16, 2016 Kalamazoo Hamfest, Kalamazoo, MI – WB8R

Oct 30, 2016 USECA Swap & Shop, Madison Heights,
MI – WB8R

Dec 4, 2016 L'Anse Creuse Swap, Madison Heights,
MI – WB8R

Hospitality Acknowledgements

Thanks to the following groups for their fine hospitality
on recent
visits:

August 20 Spark in the Park, Wyoming, MI

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 Sun
day

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.

Michigan ARPSC Activities August 2016

Station Activity Reports (SAR): WB8WKQ 237, K8ED 196,
WB8TQZ 173, WD8MWD 77, K8RDN 30, WD8USA 27,
N8OSL 20, WB8RCR 12, KC8NFN 7, WB8R 4.

Total Station Activity Reports (SAR): 783

Brass Pounder's League (BPL): None

Public Service Honor Roll (PSHR): N8OSL 310, WB8RCR
242, WB8R 198, KC8YVF 147, WD8MWD 145, WD8USA
112, WB8WKQ 110, WB8TQZ 110, K8RDN 107, K8ED 90,
KC8NFN 67, KE8BYC 55, NE8B 55, KD8LSM 35.

Net Traffic: Michigan Traffic Net 119, The Michigan Net
89, Southeastern Michigan Traffic Net 45, Great Lakes
Emergency and Traffic Net 40, Upper Peninsula Net 40,
Michigan Amateur Communications System 33, Motor
City Radio Club 2 Meter Net 11, Northern Lower Eastern
Upper Peninsula Net 10, Michigan Digital Traffic Net 9,
Bay Area Regional Traffic System 4, Genesee County
ARPSC Traffic and Training Net 4, Saginaw County ARES
Net 4, District 3 ARPSC Net 3, Michigan Amateur Radio
Public Service Corps, Chelsea ARC Net, District 8 Digital
Emergency Net, District 8 Emergency Net, Branch
County Emergency Net, Red Cross Net of Greater Grand
Rapids, Michigan ARES D-Star net.

Total net traffic reported: 411

Volunteer Hours Dollar Value:

ARPSC: \$214,551

NTS: \$63,989

Total Dollar Value August 2016: \$278,540

A hearty thank you goes to the hundreds of volunteers
across the State of Michigan who work hard as volun-
teers to hone their skills month after month to make
sure they are ready for any situation that may arise. Our
ARPSC and NTS programs are an integral part of
AuxComm, which in turn is an integral part of the Michi-
gan Homeland Security Division.

73 until next month,

Larry, WB8R



Dales Tales

Greetings everyone, welcome to "Dale's Tales" for October, 2016.

WELL, FALL PLINKED in on us this week and I am reminded that all of my spring and summer antenna projects are still far from completion.

Yeah, I know the best working antennas seem to be the ones installed temporarily during a winter ice storm, but this is just some maintenance work and now it means working in the wind with cold fingers. So much for good planning, I guess getting in some good operating time took precedence. Most certainly, the bands, both HF and VHF have not been showing the best propagation conditions, but the contacts are there to be made. I have heard a few operators comment that they wondered if their antennas were connected. Still, there have been some outstanding moments and we all hope they become more frequent as our weather grows colder. Some of my best contacts have been made when I thought the band was dead. With all the ups and downs in propagation, I have been following Carl Luetzelschwab K9LA's writings on the subject. You may want to look at his web pages <http://k9la.us>. Every article really piques my interest and of course, each reminds me that I need to get on with those antenna projects!

AS OF THIS WRITING, we ARRL Members across the country have provided our Senators in Washington with 58,898 letters supporting the Amateur Radio Parity Act. That includes 2228 letters from those of us in the Great Lakes Division. Thanks to you all for the outstanding job of supporting this legislation. The Senate will be in recess until after the election and our Washington Legislative Action Team will continue its effort to secure passage during and after the Senate's down-time.

You can find the latest information at <http://www.arrl.org/amateur-radio-parity-act>.

THE SUMMER COMMUNITY SERVICE programs wind down a little at this time of year, but many ARES groups and clubs are active around Halloween to assist in insuring the safety of youngsters while they are out for Trick-or-Treat. Over the years of doing this, we've noticed the increase of cellphone equipped parents traveling with the kids, but still it is neat to hear the frequent "Thanks for

being there" spoken to us while on patrol. It is a good service to be coordinated with your local police agency to insure a good flow of communications and well defined responsibilities.

TOM'S COMMENTS: Comments from our Vice Director Tom Delany W8WTD

The big news right now is the Amateur Radio Parity Act, which Dale has written about. I'll just add my voice to his, and remind you to contact your Senators.

There were a number of hamfests that I attended this past month, and it was good to see and talk to many of you. I understand that some people actually read what we write here! Thanks for caring. By the way, as we're out and about, we are interested in any feedback on any aspect of amateur radio or for the ARRL specifically. It's important to know what you think. The forums have been a good place for us to get suggestions. So let us hear from you!

Hamfests are also great places to meet other people with similar interests. But you have to look for them. Sometimes we at the Division or Section level can make introductions, so stop by. If you're looking for someone else who shares your interest in a particular aspect of the hobby, maybe we can tell you who else is around that day that you can swap stories with, or increase your knowledge by learning about what they are doing in their county or area. Bargains are not the only things to look for at a hamfest.

There's still some time left to make contacts in National Parks on the Air. The interest level has been high, so let's finish out the year strong.

73, Tom W8WTD Vice Director, Great Lakes Division

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

publication. We have approximately 65 ARRL hamfests each year in the Great Lakes Division. I do encourage each Hamfest Chair to register early for ARRL Sanctioning. It is never too early to register your hamfest with Headquarters. Be sure to invite your ARRL Officials as soon as your date is set. Tom and I are already committed for several dates in 2017.

Oct 1 - Vette City - Bowling Green, KY
Oct 8 - Thunder Bay - Alpena, MI
Oct 15 - Muskegon Color Tour - Muskegon, MI
Oct 16 - Conneaut Hamfest - Conneaut, OH
Oct 16 - Kalamazoo Hamfest - Kalamazoo, MI
Oct 23 - Massilon Hamfest, Massilon, OH
Oct 29 - Hazard Hamfest - Hazard, KY
Oct 30 - USECA Swap - Madison Heights, MI
Nov 5 - Grant ARC Hamfest - Georgetown, OH
Dec 4 - Lanse Creuse Hamfest - Harrison Twp, MI

Be sure to check your Section's news pages for the latest local happenings, club and net information.

73, See you on the bands,

Dale Williams WA8EFK
Director
Great Lakes Division

ARRL PROPAGATION BULLETIN

QST de W1AW
 Propagation Forecast Bulletin 41 ARLP041
 From Tad Cook, K7RA Seattle, WA
 October 7, 2016
 To all radio amateurs

SB PROP ARL ARLP041
 ARLP041 Propagation de K7RA

Over the past week (September 29 through October 5), relative to the previous seven days the average daily sunspot number declined 9 points to 20.7, and average daily solar flux increased from 81.4 to 86.7. Average daily planetary A index increased from 19.7 to 21.4, and average mid-latitude A index (measured in Virginia) increased from 12.3 to 15.1.

Hey, think that was bad? At University of Alaska's magnetometer which supplies us with the College A Index (see <http://bit.ly/2dNZSEu>), the number went to 73 on September 29, with the average of the week at 35.9.

Predicted solar flux from the October 6, 2016 forecast shows 102 on October 7-8, 105 on October 9, 102 on October 10-12, 100 on October 13, 90 on October 14, 95 on October 15-18, 90 on October 19-21, 85 on October 22-26, 80 On October 27-31, 85 on November 1-2, 90 on November 3-10, 95 on November 11-14 and 90 on November 15-17.

Predicted planetary A index is 5 on October 7-12, then 8, 5, 8, 10, 20 and 8 on October 13-18, 5 on October 19-22, 20 on October 23, 35 on October 24-26, then 20, 15, 15, 12, 15 and 10 on October 27 through November 1, 5 on November 2-10, then 10, 20 and 8 on November 11-14, and 5 on November 15-18.

OK1MGW sent this:

"Geomagnetic activity forecast for the period October 7-November 2, 2016

"Geomagnetic field will be:
 Quiet on October 7-8, 13-14, 19-20
 Mostly quiet on October 9-10, 12,19, November 1-2 Quiet to unsettled on October 11, 15-16, 21 Quiet to active on

October 17-18, 22-23, 28-31 Active to disturbed on October 24-27

"Amplifications of the solar wind from coronal holes are expected on October 16-18, 22-30."

On October 6, NASA released an updated prediction for 10.7 cm solar flux for the remainder of Cycle 24:

http://solarscience.msfc.nasa.gov/images/f107_predict.jpg

Accompanying text is at <http://solarscience.msfc.nasa.gov/predict.shtml>

The average sunspot number for July, August and September was 40.

The 3-month moving averages of daily sunspot numbers for this year, for periods ending in February through September were 53.5, 49, 45.3, 43.1, 35.4, 33, 33.5 and 40.

If you would like to make a comment or have a tip for our readers, email the author at k7ra@arrl.net.

For more information concerning radio propagation, see the ARRL Technical Information Service web page at, <http://arrl.org/propagation-of-rf-signals>. For an explanation of the numbers used in this bulletin, see <http://arrl.org/the-sun-the-earth-the-ionosphere>. An archive of past propagation bulletins is at <http://arrl.org/w1aw-bulletins-archive-propagation>. More good information and tutorials on propagation are at <http://k9la.us/>.

Monthly propagation charts between four USA regions and twelve overseas locations are at <http://arrl.org/propagation>.

Instructions for starting or ending email distribution of ARRL bulletins are at <http://arrl.org/bulletins>.



Sunspot numbers for September 29 through October 5 were 17, 12, 0, 13, 32, 33, and 38, with a mean of 20.7. 10.7 cm flux was 82.7, 80.6, 81, 82.3, 87.8, 93.1, and 99.3, with a mean of 86.7. Estimated planetary A indices were 39, 21, 19, 18, 14, 26, and 13, with a mean of 21.4. Estimated mid-latitude A indices were 22, 15, 14, 15, 12, 18, and 10, with a mean of 15.1.

ARRL DX NEWS

QST de W1AW
DX Bulletin 41 ARLD041
From ARRL Headquarters
Newington CT October 6, 2016
To all radio amateurs

SB DX ARL ARLD041
ARLD041 DX news

This week's bulletin was made possible with information provided by WB0TEV, QRZ DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

FIJI, 3D2. Nob, JF2MBF and Ken, JA2FJP will be QRV as 3D2GG from October 11 to 13. Activity will be on 160 to 10 meters using CW, SSB and RTTY. QSL direct to JF2MBF.

NIGERIA, 5N. Tom, PA3TG is QRV as 5N/PA3TG from Lagos and Port Harcourt until October 20. Activity is limited to his spare time during most evenings on 20 meters. His operations from Lagos are with CW and SSB, while from Port Harcourt using SSB. QSL to home call.

MALDIVES, 8Q. Uwe, DJ9HX is QRV as 8Q7HX from Bandos Island, IOTA AS-013, until October 13 while on a diving and radio holiday. Activity is holiday style on 40 to 10 meters using CW, SSB and RTTY. QSL to home call.

MALTA, 9H. Members of the Calabria DX Team are QRV as 9H3LH until October 9. Activity is on the HF bands using CW, SSB and various digital modes. QSL direct to IK8YFU.

TEMOTU PROVINCE, H40. Stan, LZ1GC is QRV as H40GC from Lata, Nendo Island, IOTA OC-100, until October 17. Activity is on 160 to 6 meters using CW, SSB and RTTY. QSL direct to home call.

HUNGARY, HA. Special event station HG30EUDXF is QRV until the end of 2016 to celebrate the 30th anniversary of the European DX Foundation. QSL via HA0HW.

PANAMA, HP. Robby, VY2SS is QRV with his new call sign HP3SS. He is active on 80 to 6 meters using CW and RTTY. He will also be participating in various contests. QSL via AC2OV.

SAO TOME AND PRINCIPE, S9. Peter, DL1RPL, Soeren, DL3RKS, Dieter, DL1AWD, Hans, DL1AOB, Rocco, DG5AA and Rich, DK8YY will be QRV as S9YY from Sao Tome Island, IOTA AF-023, from October 8 to 23. Activity will be on the HF bands, including 2 meters and 70 cm, using CW, SSB and various digital modes. QSL to DH7WW.

POLAND, SP. Special event station SN1923AXL is QRV until November 25 to commemorate the setup of Poland's Trans-Atlantic Radio-Telegraphic Station in Babice 93 years ago. QSL via SP5KAB.

TUVALU, T2. Nob, JF2MBF and Ken, JA2FJP are QRV as T2J until October 10. Activity is on 40 to 10 meters using CW, SSB and RTTY. QSL direct to JF2MBF.

CENTRAL KIRIBATI, T31. Members of the Rebel DX Group are QRV as T31T from Kanton Island, IOTA OC-043, and are active for about 6 weeks. Activity is on 160 to 10 meters using CW, SSB and some digital modes. QSL via 3Z9DX.

UKRAINE, UR. Special event station EM20UCRF will be QRV from October 10 to 30 to celebrate the 20th anniversary of the Ukrainian State Centre of Radio Frequencies. QSL via UT3UZ.

BELIZE, V3. Victor, WB0TEV is QRV as V31VP from Blackman Eddy until October 11. Activity is on 80 to 10 meters using mostly SSB and RTTY, with some CW. This includes an entry in the North American SSB Sprint and portions of the Makrothen RTTY contest. QSL to home call.

INDIA, VU. A group of operators will be QRV as AT2SL from Gujarat State East Group, IOTA AS-176, from October 12 to 17. Activity will be with 2 to 3 stations on 40 to 15 meters using CW, SSB and RTTY. QSL via operators' instructions.

THIS WEEKEND ON THE RADIO. The Makrothen RTTY Contest, Microwave Fall Sprint, Oceania DX CW Contest, Scandinavian Activity SSB Contest, SKCC Weekend CW Sprintathon, Arizona QSO Party, Pennsylvania QSO Party, FISTS Fall Unlimited CW Sprint, PODXS 070 Club 160-Meter Great Pumpkin PSK31 Sprint, North American SSB Sprint Contest and the UBA ON 80-Meter CW Contest are all on tap for this upcoming weekend.

The 10-10 International 10-10 Day Sprint is scheduled for October 10.

The RSGB 80-Meter Club CW Sprint, CWops Mini-CWT Test, Phone Fray and NAQCC CW Sprint are scheduled for October 12.

The ARRL National Parks on the Air event runs during all of 2016 to mark the 100th anniversary of the National Park Service.

Please see October QST, page 95 and the ARRL and WA7BNM Contest web sites for details.



CLASSIFIED

Space Available to push your stuff

UP AREA HAM FEST INFORMATION

**THIS
Space
Reserved
For
You**

LINKS AND STUFF

Under re-construction. Watch for the orange barrels

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

*Cooper Country Radio Amateur
Dollar Bay, MI
www.ccras.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

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

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

ARRLMICHIGAN: <http://www.arrl-mi.org/>

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

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

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

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

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

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

E Ham Net <http://www.eham.net/>

UP Skywarn: <http://kera-mi.net/skywarn/>

ABOUT OUR CLUB....**Club Officers****President:**

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Terry Moriarity: 715 251 1670

Activities:

Second Wednesday of the month the Mich-A-Con 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 Yaesu DR 1 digital and Analog repeater Frequency. 146.85 minus offset, 100 hz PL tone encode and decode Power 50 watts. The Controller is an Arcom RC 210 . It is also System Fusion capable.

. The 440 MHZ repeater is a GE Master II 444.85, plus offset, 100 hz pl tone. 35 watts output. The Controller is a Arcom 210.

The 2 meter and the 440 can be linked. The repeaters share a Diamond dual band antenna at a tower height of 125 ft.

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

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.

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.

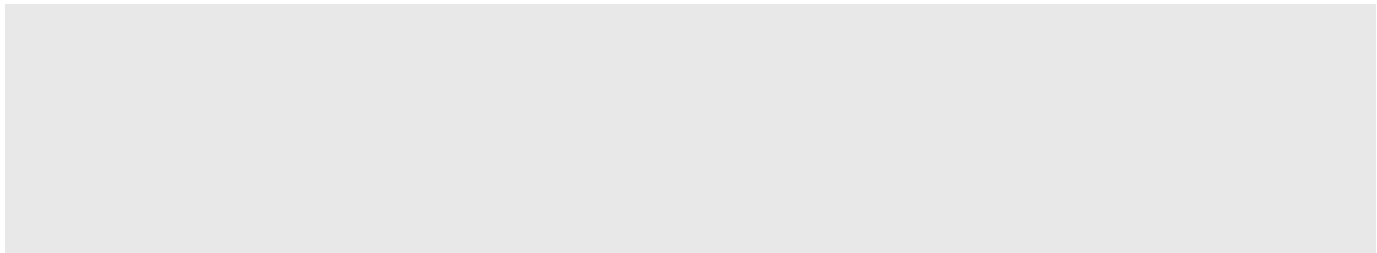
I will be thankful if and when I do make a contact.

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
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
KB8SBP	BERTOLDI	BILL	KINGSFORD		
W8BEY	BEY	DANA L.	KINGSFORD	906-774-7937	lst797@charter.net
K8DDA	BRAY	MIKE	VULCAN	906-201-1550	mikebray@chartermi.net
KE9L	CASWELL	SKIP	IRON MOUNTAIN	906-774-3371	acaswell4238@charter.net
KC8QZG	DAKE	DAVE	NEWBERRY		
KC9ZBC	DOLATOWSKI	SCOTT	GOODMAN	715-633-1006	kc9zbc@live.com
KC9TQR	FERRIS	JOE	FLORENCE	517-589-4386	jrferris@borderlandnet.net
N9MBG	FRY	ED	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		
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		
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
WA8FXQ	MEYERS	BOB	VULCAN	906-396-0119	meyersb@uplogon.com
KC8LRP	MEYERS	MARGE	VULCAN	906-396-8913	mgmeyer@uplogon.com
N8TUM	MILLER	TIMOTHY	FLORENCE	715-696-6517	timmiller.up@gmail.com
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	715-696-6175	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
KG9Y	THOMAS	DAVE	NIAGARA	715-251-1393	ke9y@arrl.net





MICH - A - CON

Please remit dues to:

**Debbie Garbowski, KD8VTS
203 Camp 5 Road
Crystal Falls, MI 49920**

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.