

MICH-A-CON RF

Iron Mountain, MI

DECEMBER

Meeting Reminder: **Second Wednesday of Month**

Which is **December 10, 2014** at 7:00 PM at Dickinson Library.

Please be there and support the cause of Amateur Radio.

In this Newsletter:

<i>Meeting Reminder</i>	<i>- Page 1</i>
<i>Words from President</i>	<i>- Page 1</i>
<i>Note from Editor</i>	<i>- Page 2</i>
<i>Meeting Minutes</i>	<i>- Page 3</i>
<i>ARRL Michigan News</i>	<i>- Page 5</i>
<i>Dales Words</i>	<i>Page 8</i>
<i>News</i>	<i>Page 11</i>
<i>Dx Code of Conduct</i>	<i>Page 11</i>
<i>Equip Pinout</i>	<i>Page 13</i>
<i>Call to Action</i>	<i>Page 14</i>
<i>Classified</i>	<i>Page 15</i>
<i>Hamfest Info</i>	<i>Page 17</i>
<i>Links/Stuff</i>	<i>Page 18</i>
<i>About the Club</i>	<i>- Page 19</i>
<i>Membership</i>	<i>Page 20</i>
<i>Membership Form</i>	<i>- Page 21</i>

Words from the President

Well, another year is almost over. Boy does the time fly when you get older. It seems like it was just a few months ago that we were setting up for Field Day. Veterans Day was a month ago!

It has been a very good year for the club. We have had great attendance at meetings and many new members have participated in our club events. We have installed a new repeater antenna and are steadily working to make the repeater "hear" better. A big thank you to our repeater committee!

One thing that we must think about for 2015 is adding other activities between January and June. We've discussed a Fox Hunt but it hasn't gotten off the ground. That would be a great spring activity.

How about an antenna work bee to help one of our members get on the air?

How about a local swap meet? All of us have parts, accessories, old radios, antennas, etc. that we'd like to get rid of. Proceeds could go to the club treasury.

Another activity could be a club dinner outing. We haven't done that in many years.

If any of you have any ideas for other activities, please voice them at one of our meetings.

Again, thank you all for your support this past year. Merry Christmas and a Happy New Year!



DXCC Most Wanted List

1.	P5	DPRK (NORTH KOREA)
2.	KP1	NAVASSA ISLAND
3.	3Y/B	BOUVET ISLAND
4.	VP8S	SOUTH SANDWICH ISLANDS
5.	FT5W	CROZET ISLAND
6.	VK0H	HEARD ISLAND
7.	KH5K	KINGMAN REEF
8.	FTJ	JUAN DE NOVA, EUROPA
9.	VP8G	SOUTH GEORGIA ISLAND
10.	KH5	PALMYRA & JARVIS ISLANDS

Rumor has it that four of these Top 10 wanted countries will be activated in 2015 and 2016. Bouvet, 3Y0F, is slated for December 2015; a second Bouvet operation is a possible one man operation by ON4WW in January 2016; K1N on Navassa Island in late January 2016; Heard Island, VK0EK, will appear in January of 2016; and a possible Palmyra, KH5 expedition in early 2016.

Your president needs Bouvet and Heard to reach 340 countries worked. It's only taken 55 years to get to 338. HI! What's another year wait.

Also, of note, Kingman Reef may be deleted from the DXCC list at some point. A recent survey found that only about three feet of the reef is exposed at low tide.

73,

Tom W8JWN

From Your Newsletter Editor

Thank you to those contributors and critiques.

Welcome your articles - They make the Newsletter.

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

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

**Merry Christmas
Happy Holidays
Happy New Year**

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

Secretary Report

Minutes of the October 8th meeting were read and approved.

Treasurer Report

Balances as of November 12, 2014:

Checking - \$19.64

Regular Savings - \$ 1,855.33 of which \$ 1,805.25 is in the Trailer Fund.

Repeater Savings - \$ 233.46

Petty Cash - \$ 31.00

Repeater Report

At the request of Bob Meyers, Gary Schafer will check the duplexer at the repeater site. Burt Armbrust will assist him.

Sam Holmes submitted receipts for parts used in replacing the two meter repeater antenna.

Sam Holmes suggested we take out an ad thanking Computer Connection UP for doing the climbing for the antenna replacement. He also suggested a thank you card and lifetime club membership be sent to Paul, AB8LX, who donated the hardline used.

A motion to give a lifetime membership to Paul AB8LX was approved unanimously.

Old Business

A motion that the club bank accounts be zeroed out at the end of the year and that the accounts be combined into just Savings, Checking, and Petty Cash, was approved.

Tom Martin suggested we check with Mountain Motors to see if they have a trailer suitable for making an antenna trailer.

An inventory of the storage van has been completed. The National receiver and books will go. Everything else will stay.

Current DXpeditions were noted, for those interested.

President Tom gave an overview of our Veterans Day special event operations. Two hundred ten QSOs were made using the G5RV, Multi-band, and Bazooka antennas, however we may want to use the beam next year. The G5RV worked fine, but on Sunday it would not work on 17 meters. Set-up conditions were better than last year, but take-down was not very pleasant. We had several visitors to the site. A thank you was extended to those who donated food and refreshments. At this time, we have received two QSL requests.

A 50-50 drawing was held, for the first time. Terry Moriarity won 30 dollars, with 31 dollars going to the club treasury. A motion to hold a 50-50 drawing every month was approved unanimously.

New Business

An increase of club dues was discussed. It was felt that they should remain as they are since our big expenses relating to the repeater have already been taken care of.

Club Member	Club Property
Sam Holmes	The rest of the parts for finishing the antenna, including 50-feet of leftover 7/8" hardline.
Tom Martin	TS-440S. Icom W2A 2 meter handheld, Dell laptop, and eMachines laptop.
Gary Schafer	Sinclair 440 antenna. fifty foot piece of 7/8" hardline.
Burt Armbrust	Odds and ends from GM Communications.
Dave Thomas	Four repeaters and a duplexer.

Adjournment

The meeting was adjourned at 8:02 p.m.

For the Good of the Order

Attendees reported on their recent activities.

Submitted by Joe Ferris

Attendees

Tom Martin, WAJWN - President
 Scott Jarmusch, KA8TFF - Vice President
 Burton Armbrust Sr., WB8EBS - Treasurer
 Joe Ferris, KC9TQR - Secretary
 Terry Moriarity, K9TRY
 David Thomas, KG9Y
 Sam Holmes, N8ATS
 Dana Bey, KD8POR
 Gary Schafer, K4FMX
 Jared Paul, ND8M
 Barry Perron, KC9NFT
 Tim Miller, N8TUM
 Paul Ramey, WG0G
 Jason Leslie, WK9U

ARRL MICHIGAN SECTION NEWS

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

Winter seems to be arriving early in a number of places in Michigan.

The north country received some serious amounts of snow and even the southern areas along the big lake have had to deal with lake effect snow (when I was a kid growing up here, we just called it snow!).

Looking out the window this morning (Nov 14), I see snow on the ground and I am 100 miles from the lake and nearly as far south as you can go and still be in Michigan. The optimistic view is that spring is on the way! Drive carefully out there.

I want to issue my sincerest appreciation to all Veterans, past and present for their sacrifices and service to our country.

Thanksgiving Day will soon be here and I hope that all will enjoy the holiday and reflect on the wonderful bounty that we enjoy by living in this country. In spite of our collective shortcomings, this is still a great place to live.

PRB-1 Update

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

Our bill has since moved over to the House and has had its first reading and has been assigned to the House Energy and Technology Committee. There was some information that indicated that our bill would be considered in a different committee, but that has been cleared up and the proper focus has been placed.

We have mobilized the troops in a letter writing campaign to request action on our bill in committee as well as directing focus on our individual representatives who will ultimately vote on our bill after it comes out of committee.

If our bill passes successfully in the House without any changes made to it, then it will head for the Governor's desk for his signature.

Time is growing short as we need to complete this process before the end of 2014 or we will be faced with starting over in the new legislative term.

We are almost there and we need to keep the pressure on to get the bill passed in the House. If you have not yet written to your representative, now would be the time. The more letters they receive, the better the chance that they will vote positively on the bill. You can learn who your Representative is and his or her email address on our PRB-1 website located at <http://www.miarrlprb1.org/> along with a sample letter that can be modified to include your information and be sent via email.

Do not be concerned about using a form letter. Yes, they all look alike, but your Congressman or Congresswoman understands that a real person took the time to prepare the letter and send it to them. We have received some very positive comments about the number of letters received on this subject and we can assure you that they pay attention to letters from constituents. Emails are printed out and the stack of paper that results can be persuasive.

Encourage your friends (ham operators or civilians) and family to communicate their wishes to their Representative. And keep your fingers crossed!

News From Around the Section

The second go-round of W1AW/8 from Michigan is now in the history books. In 2014, the hams of Michigan came together to provide a total of 58,652 contacts for the hams of the world. Many thanks go to Randy, AA8R and Dennis, KT8X and their respective teams for their leadership and dedication to the ham radio community in Michigan and beyond.

Thanks to all who put forth the effort to be on the air and to give and to receive all of those contacts. Going forward, how is the ARRL going to top this? I am pretty sure that this is the pinnacle during our lifetime.

The next ARRL “Red Badges on the Air” activity will take place on Saturday, November 22 UTC (starting the evening of Friday, November 21, in US time zones). That’s when holders of red ARRL name/call sign badges will once again be roaming the bands, offering yet another chance to boost your ARRL Centennial QSO Party total. There will be one more Red Badges on the Air activity on New Year's Eve, Wednesday, December 31. ARRL officers, elected officials such as Director or Section Manager, as well as Headquarters staffers and volunteers, and other members of the ARRL family will take to the air en masse for both occasions. Contacts with red badge wearers are worth as much as 300 points per contact for working ARRL President Kay Craigie, N3KN. Many of the 200 or so holders of red badges will be on the air on November 22 and December 31, along with other ARRL appointees, VEs, and members. Be sure to set aside some operating time for both of these days to enhance your Centennial QSO Party point totals. See you on the bands!

Have you ever wondered how other hams were able to get an email address composed of yourcall@arrl.net? For ARRL members, that is one of your membership benefits. To sign up, all you have to do is to go to the ARRL website, log in and select “Edit my profile.” Once in the edit form, you can elect to use the @arrl.net service. It is simply an alias that will direct email sent to that address to your real email address. This is the easiest way to contact another ham in that if you know their callsign, you can send them an email. This makes communication amongst hams simple, easy and neat and clean.

While you are in the profile edit mode, be sure to select the option that will allow you to receive electronic communications from the Great Lakes Division and the Michigan Section. This will get you a number of important communications delivered directly to your inbox. There are also a number of periodic newsletter type communications that you can elect to receive as well.

MARSGRAMS

From Joe, WD8USA, the following opportunity to say Merry Christmas to our troops overseas this holiday system comes to us from the Army MARS System: If there are those that want to send Christmas greetings VIA MARSGRAMS to "Any Service Member", Army MARS is taking them for delivery-

The addressing for the MARSGRAMS should be:

TO: Landstuhl American Red Cross
ATTN: Any Service Member
Unit 33102 APO AE 09180

Send as a normal radiogram addressed as illustrated with a text no longer than 50 words. If a response is desired, so indicate with HXC in the Handling instruction in the preamble.

The MARS operator will reformat the message in the MARS format and send it out. No change in the Amateur header is needed, just address as indicated. As usual, the sender's full address and telephone should be included.

You can contact Joe at wd8usa@aol.com with any questions you might have.

Hospitality Acknowledgements

October 18 Muskegon Hamfest
 October 19 Kalamazoo Hamfest
 October 26 USECA Hamfest
 October 27 Livonia ARC Meeting

It was a pleasure to attend your event and I thank you for the hospitality you have shown me.

Section Staff Travel Plans

Nov 25, 2014 Chelsea ARC Meeting, Chelsea, MI – WB8R
 Dec 7, 2014 L'Anse Creuse Hamfest, Harrison Twp, MI – WB8R
 Jan 11, 2015 Hazel Park Hamfest – WB8R
 Feb 2-5, 2015 MSP Interop Conf. Traverse City – WB8R, et al
Feb 7, 2015 HARA Swap, Negaunee – WB8R
 Feb 14, 2015 Traverse City Hamfest – WB8R
 Feb 15, 2015 Livonia ARC Hamfest - WB8TKL
 Mar 14, 2015 Crossroads Hamfest (new location in Kazoo) – WB8R

Michigan Section Traffic/ARPSC Nets (All times Local)

MACS - MI Amateur Communications System 3.952 1000 Daily
 UPN – Upper Peninsula Net 3.921 1700 Daily; Noon Sunday
 MIARPSC – MI Amateur Radio Public Service Corps 3.932 1700 Sunday
 QMN – The Michigan Net 3.563 1830 and 2200 Daily
 MITN – MI Traffic Net 3.952 1900 Daily
 MIDTN – MI Digital Traffic Net 3.583 (Olivia 8/500) in waterfall 2000 Tues, Thurs, Sat
 D8EN - District 8 Emergency Net 3.909 Wed 2100
 MIADS – MI ARES D-Star Net. Reflector 24A Mon 2000
 GLETN – Great Lakes Emergency and Traffic Net 3.932 2000 Daily
 MVTN – MI VHF Traffic Net IRA Link System 2100 Mon, Wed, Fri, Sun
 NLEUP - Northern Lower Eastern UP Net 146.64- 18:30 Daily
 SEMTN – SE MI Traffic Net 146.76- 2215 Daily
 TMMTN – Thumb Mid-Michigan Traffic Net 147.30+ 2130 Mon - Sat
 More information is available at <http://nts-mi.org/>. Come join us on our traffic and public service nets.

Amateur Radio Public Service Corps (ARPSC) Activities

Station Activity Reports (SAR) for October, 2014: WB9JSR 367, WB8WKQ 283, K8ED 181, K8RDN 146, K8KV 136, K8LJG 133, WB8TQZ 119, N8FVM 99, KC8BW 83, WD8USA 51, WB8RCR 46, N8OSL 31, KB8RCR 30, WB8R 11, KD8LSM 8, WB8H 5, KC8YVF 4. Total SAR reported: 1733

BPL for October, 2014: None

Public Service Honor Roll (PSHR) for October, 2014: WB8RCR 405, N8OSL 241, WB8R 236, K8RDN 210, N8FVM 190, KC8YVF 167, KB8RCR 140, WD8USA 130, WB9JSR 125, WB8TQZ 100, WB8WKQ 100, KC8BW 95, K8KV 90, K8ED 80, NE8B 70, WB8H 39, KD8LSM 33.

Net traffic for October, 2014: The Michigan Net 168, Michigan Amateur Communications System 117, Michigan Traffic Net 81, Southeastern Michigan Traffic Net 57, Michigan VHF Traffic Net 51, Upper Peninsula Net 47, Great Lakes Emergency and Traffic Net 30, Michigan Digital Traffic Net 22, Motor City Radio Club 2 Meter Net 12, District 3 ARPSC Net 2, Genesee County ARPSC Traffic and Training Net 2, Saginaw County ARES Net 2, District 3 Digital Training net 2, Michigan Amateur Radio Public Service Corps 1, Red Cross Net of Greater Grand Rapids 1, Bay Area Regional Traffic System 1, Chelsea ARC Net 0, Branch County Emergency Net 0, District 5 Hospital Net 0, District 8 Emergency Net 0.

Total net traffic reported: 596

Volunteer Service Dollar Values: ARES: \$171,357; NTS: \$36,237

Total contribution for November, 2014: \$207,594

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.

Until next time,

73, Larry, WB8R

Dales Words for November 2014

Greetings everyone,

As 2014 comes to a close, we must look back at this year as having been one of the most significant in ham radio. Among the outstanding events, we recognize the ARRL's 100th Anniversary as the lead item. It brought with it a wonderful National Convention with renowned speakers on timely subjects. It brought us the W1AW Portable Operating Events, allowing the average ham across the USA and possessions to operate "our club station" from their own home QTH as W1AW/x. Each state and territory took to the air and we all reached out to work them on multiple bands and modes.

It brought us the ARRL Centennial Challenge QSO Party sparking thousands of hams into getting active and working towards achieving Challenge Points.

We also hosted the 2014 IARU Radiosport Championship and 2014 also brought a matching fund Challenge to us all to offer further financial support to our ARRL, insuring its future.

Combine this Anniversary Year with new product introductions by several manufacturers, new developments in software designed radios, advances in weak signal programs, and we have experienced a truly great 2014.

We must also offer our special thanks to the ARRL HQ staff for hosting the 100th Anniversary National Convention and for developing and managing the scoring systems for this year's operating events all intertwined with the rest of their routine and daily duties. Great Job, well done.

From a purely personal note, this year has allowed me to meet thousands of different hams on the air in operating the Challenge. My log has filled with wonderful QSOs and along with that, many new friendships have formed. Everyone has been polite, courteous and understanding, all typical of what we inspire to be as Radio Amateurs. I also thank all for being so very tolerant of me as I stumbled through getting all the call signs and signal reports accurately recorded. There is still plenty of time left to rack up a lot more Qs, so keep at it. Things will close with another "Red Badge Day" on December 31.

HB 4969 Progress Report:

I currently count 67 Co-sponsors for our House Bill 4979, the Amateur Radio Parity Act. This bipartisan effort would direct the FCC to extend the "reasonable accommodation" provisions for Amateur Radio antennas to include all types of land-use regulation, including deed restrictions and restrictive covenants, not just those covered by PRB-1. Details and updates are posted at <http://www.arrl.org/hr-4969>. Time is

now very short, please write to your Congressperson and encourage his/her support, or offer your thanks if he/she has already signed on to co-sponsorship.

Vice Director, Tom Delaney W8WTD offers these comments:

Early December, being between major holidays, is a time when we normally don't focus as much on ham radio, with all the busy rush of other things. And in spite of the old saw about antennas working better when they are installed in bad weather, I really don't like working on antennas in cold weather. But there's still the interest in the Centennial QSO party, with many people vying to get more contacts for that high score they hope to achieve. What a great motivation to get on the air. It turned out far better than anyone probably imagined when they came up with the idea. Now we have to find something else like it to generate an equal amount of interest. As I was thinking about the Centennial effort, I realized how important the Logbook of the World has been in this effort. And so my thoughts turned to the internet and how much it has affected ham radio. In some ways, writing about the internet is so obvious. Of course it has affected just about every aspect of life. What's new about that?

However, the story here is how amateur radio has adapted the internet. In some ways, it could have been like the predictions in the early fifties of how that new thing called television was going to do away with the movies. We learned how good a prediction that was. And it's logical that a new form of communications would do away with old forms of communication--except that didn't happen either. Some aspects of ham radio aren't what they were. But because hams are resourceful, they saw the possibilities in making use of the internet to enhance ham radio, and that's what we have today. Logbook of the World is a simple adaptation of the paper QSL cards, but it has made awards and contests so much better--and provides the "leader board" for the Centennial QSO Party. Spotting DX was not possible to the extent it is today without the internet. And so many of our interconnections for Echolink, IRLP, D-Star and DMR depend on the internet. New forms of communications, hybrid, maybe, but still offering some of the magic of a ham radio contact.

Operating a radio still requires skill. These new operating aids are always nice to have. So keep operating, make those contacts, whether you're going for a standard award, or that higher place on the leader board. See you on the air.

73,

Tom W8WTD Vice Director Great Lakes Division

Hamfesting:

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

Dec 6 - Fulton County Winterfest, Delta, OH

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

Jan 11 - Hazel Park, MI - WB8R - WA8EFK

Jan 18 - SCARF, Nelsonville, OH - WD8E

Feb 1 - NOARS, Elyria - N8SY

Feb 7 - HARA, Negaunee, MI - WB8R

Feb 14 - Cherryland, Traverse City, MI - WB8R

Feb 15 - Mansfield, Mansfield, OH - N8SY - WA8EFK

Feb 15 - Livonia, Livonia, MI - WB8R

Mar 7 - Cave City, Cave City, KY - KY4Z

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

Club Visits:

Thanks to the Arrow Comm. Assn., CRES ARC, and the Branch County ARC, for recently hosting your Director at their club meetings. My next outing is to the Livingston County ARC on December 11. Your Director, Vice Director and Section Managers are available to visit local radio clubs and give presentations about ARRL and what is happening in the Section or Division. Please feel free to invite any of us for an ARRL Night at your club. Most of the talks are prepared in a video presentation format and can include a Q&A session as well.

Advance scheduling really helps and gives you an opportunity to publicize the event. See pages 15 & 16 of a recent QST for contact information.

And, from Judy and me, the very best wishes to you and your family as we celebrate this Holiday Season.

73, see you on the bands.

Dale Williams WA8EFK Director Great Lakes Division

News



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.

Elaborated:

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

This seems so obvious but it is the most vital thing to do. Careful listening rather than rushing to transmit will get the DX into your log. You must listen to find out whether the DX is working split and if so, where is he listening? Then you need to listen to the calling stations in order to determine what the DX station is doing. For example, he may be working gradually up or down the pile-up frequency range – and you need to find the best spot to call. And it may be time to ask yourself: "Do I really need to work this bit of DX, right now? Can I wait a while for the pile-up to subside?"

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

You also need to listen carefully to determine how well you can hear the DX station to be sure you will hear his reply to your call and to avoid causing interference by transmitting at the wrong time. It is extremely frustrating for a DX station to return a call to a station that is unable to hear him, thereby causing incessant QRM.

#3 I will not trust the Cluster and will be sure of the DX station's callsign before calling.

Cluster spots often show the wrong call sign. Before you log a station, you should hear the station's callsign on the air – don't trust spotting networks. The DX operator should send his call sign at regular intervals. Unfortunately, not all operators do this!

#4 I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSX slot.

Sadly, this covers a multitude of operators, employing poor operating practices. We are frequently afflicted with "Policemen," people who repeatedly jump in to tell callers that "the DX is listening up" – often adding a gratuitous insult. The rule is quite simple: never, ever transmit on the DX frequency for any purpose whatsoever. I will pay attention to the operator's instructions if he is operating "split" so as to stay in his preferred bandwidth.

#5 I will wait for the DX station to end a contact before calling.

If you transmit before a QSO is over, you are likely to interfere with the exchange of information, lengthening the QSO and slowing the process. It may seem clever to "nip in" as the previous contact is ending but many DX stations don't like it, as such operating may break the pattern of the operator, which is what helps everyone to know when to transmit.

**#6 I will always send my full call sign.**

This is essential for CW and SSB, because incomplete calls lead to an extra transmission, slowing the operator's progress with the pileup. If the operator is responding to partial call signs, it may appear that you should call with only several letters. Generally, this is not the case. **Always use your full call sign.**

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

Continuous calling is selfish and arrogant. With a computer or memory keyer, it is easy to send continuously. Unfortunately, it prevents you from listening and knowing what is taking place. In addition, it raises the QRM floor greatly, making life difficult for the DX station and everyone else.

**#8 I will not transmit when the DX operator calls another callsign, not mine.**

Perhaps this is intuitively obvious, but it is a common occurrence. If it is clear that the station is not calling you, **do not transmit.**

**#9 I will not transmit when the DX Operator queries a call sign, not like mine.**

In life outside amateur radio it would simply be considered rude to answer when someone else is asked a question! How do you know if the station is calling you? Perhaps the DX operator has a partial version of your call. Is it me? "The timing is right!" Yes, the timing may seem right, but it may also be "right" for many other stations. If the DX is actually calling you and hears nothing, he will call you again. Then you can call. **Only one letter from your call sign is NOT enough, however.** Calling when not being addressed raises the floor level of QRM and slows progress dramatically.

**#10 I will not transmit when the DX operator requests geographic areas other than mine.**

You must recognise and accept that when an operator is calling for a specific geographic area (e.g. NA for North America, AS for Asia), you must not call until the operator's instructions change. Even if his choice appears incorrect, you must follow his instructions. The DX operator is in control. Here's an important point: If a DX operator is working, some area, perhaps North America , and he fails to say so between QSOs, do not begin calling immediately. Call only when it is clear that the operator's instructions have changed. To do otherwise is impolite and simply slows the process.

**#11 When the DX operator calls me, I will not repeat my callsign unless I think he has copied it incorrectly.**

If you repeat your call sign, the DX station may think that he has your call sign wrong. He might then listen very carefully – again – thus slowing the process. A DX operator will generally log what he has if you say nothing further.

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

There should certainly be a pride of accomplishment when you get a QSO with a guy in a far-away entity. But before you start basking in the glow of accomplishment, think about the help you received from your partners, perhaps Mr. Icom, Mr. Alpha, and Mr. Force 12. If your ego still feels a need to take ALL the credit, try again. But this time turn off your amplifier and connect your rig barefoot to a dipole. If you get through the pile up this time, then YOU, as the operator, can take more of the credit.

You should also acknowledge that you would not have had the contact without the skill of the operator at the other end who undoubtedly made sacrifices to be there for you. So be thankful for all this help you received.

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

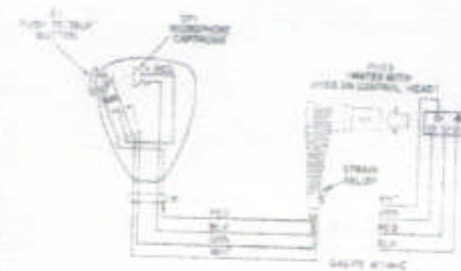
Respect is about behaving well toward others. DXing is very competitive. If you operate otherwise, you may acquire a bad reputation. DXing will be the most fun for everyone if we all behave with politeness, mutual respect and even a bit of humility!



ACCESSORIES

HANDSET

The TMN6067A Handset is used in installations where a telephone-style handset is preferred to the mobile microphone and speaker. The unit operates in the same manner as a telephone handset except that it has a PTT button on which is used to key the radio.



parts list

TMN6067A Handset Motorola FL 6043C

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
2P	59-837-1001 W 59-840-0401 W 59-840-0302	Microphone, electret Function: microphone transmitter (transmitter)
4P	44-822-0000	switch, push used

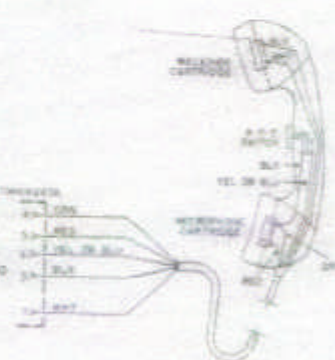
TMN6067A Handset Mechanical Parts Motorola FL 6043C

REF. NUMBER	MOTOROLA PART NO.	DESCRIPTION
1	26-819-0000	PUSH-BUTTON
2	32-14-000	SCREW, TORX, #1.5 x .34
3	32-14-000	SCREW, TORX, #1.5 x .34
4	32-14-000	SCREW, TORX, #1.5 x .34
5	32-14-000	SCREW, TORX, #1.5 x .34
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99	32-14-000	SCREW, TORX, #1.5 x .34
100	32-14-000	SCREW, TORX, #1.5 x .34

parts list

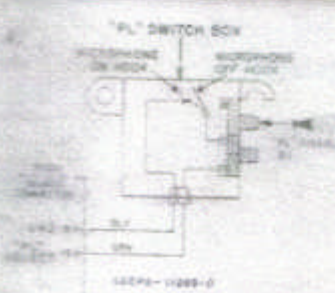
TMN6067A Handset Motorola FL 6043A

CODE NUMBER	MOTOROLA PART NO.	DESCRIPTION
1	18B005A01	CAP, RESISTOR 500 OHM
2	18C005A01	CARTRIDGE, SPEAKER
3	18D005A01	HANDLE, SPEAKER
4	32-14-000	SCREW, TORX, #1.5 x .34
5	400802A01	SWITCH, PUSH-BUTTON (transmitter and receiver)
6	18E005A01	PLATE, SWITCH
7	18F005A01	CAP, RESISTOR 500 OHM
8	18G005A01	MICROPHONE ELEMENT, MICROPHONE
9	18H005A01	SPRING, TENSION
10	18I005A01	SPRING, TENSION
11	18J005A01	SPRING, TENSION
12	18K005A01	SPRING, TENSION
13	18L005A01	SPRING, TENSION
14	18M005A01	SPRING, TENSION
15	18N005A01	SPRING, TENSION
16	18O005A01	SPRING, TENSION
17	18P005A01	SPRING, TENSION
18	18Q005A01	SPRING, TENSION
19	18R005A01	SPRING, TENSION
20	18S005A01	SPRING, TENSION
21	18T005A01	SPRING, TENSION
22	18U005A01	SPRING, TENSION
23	18V005A01	SPRING, TENSION
24	18W005A01	SPRING, TENSION
25	18X005A01	SPRING, TENSION
26	18Y005A01	SPRING, TENSION
27	18Z005A01	SPRING, TENSION
28	18AA005A01	SPRING, TENSION
29	18AB005A01	SPRING, TENSION
30	18AC005A01	SPRING, TENSION
31	18AD005A01	SPRING, TENSION
32	18AE005A01	SPRING, TENSION
33	18AF005A01	SPRING, TENSION
34	18AG005A01	SPRING, TENSION
35	18AH005A01	SPRING, TENSION
36	18AI005A01	SPRING, TENSION
37	18AJ005A01	SPRING, TENSION
38	18AK005A01	SPRING, TENSION
39	18AL005A01	SPRING, TENSION
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55	18BB005A01	SPRING, TENSION
56	18BC005A01	SPRING, TENSION
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60	18BG005A01	SPRING, TENSION
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66	18BM005A01	SPRING, TENSION
67	18BN005A01	SPRING, TENSION
68	18BO005A01	SPRING, TENSION
69	18BP005A01	SPRING, TENSION
70	18BQ005A01	SPRING, TENSION
71	18BR005A01	SPRING, TENSION
72	18BS005A01	SPRING, TENSION
73	18BT005A01	SPRING, TENSION
74	18BU005A01	SPRING, TENSION
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77	18BX005A01	SPRING, TENSION
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84	18CE005A01	SPRING, TENSION
85	18CF005A01	SPRING, TENSION
86	18CG005A01	SPRING, TENSION
87	18CH005A01	SPRING, TENSION
88	18CI005A01	SPRING, TENSION
89	18CJ005A01	SPRING, TENSION
90	18CK005A01	SPRING, TENSION
91	18CL005A01	SPRING, TENSION
92	18CM005A01	SPRING, TENSION
93	18CN005A01	SPRING, TENSION
94	18CO005A01	SPRING, TENSION
95	18CP005A01	SPRING, TENSION
96	18CQ005A01	SPRING, TENSION
97	18CR005A01	SPRING, TENSION
98	18CS005A01	SPRING, TENSION
99	18CT005A01	SPRING, TENSION
100	18CU005A01	SPRING, TENSION



1275-0433-4

PL SWITCH BOX



142PS-11225-0

68P81045E04-D
(Sheet 2 of 2)
2/5/81, NPC

Pin
1- AUDIO-EAR-HI
3- AUDIO-LI
4- GND (KEY MIC) NO
5- MIC-HI
6- KEY

ARRL Call to Action

This message below from our State Government Liaison Ed Hude, WA8QJE is a call to action for what we hope will be the last time for PRB-1 in Michigan.

To my fellow Michigan Amateur Radio Operators, As I write this, Michigan Senate Bill 0493 is scheduled for a hearing on Thursday, December 4, 2014, before the House Energy & Technology Committee. I want to personally thank each and every one of you for writing to the Committee Members as well as your House Representative for your District.

Once again I am urgently asking for your help. We need each and every one of you to communicate once again to your current State of Michigan House Representative urging them to vote for swift passage of Senate Bill 0493. I cannot emphasize how important your help is needed once again. I as well as your Section Manager Larry Camp and Committee members have spent many hours, countless telephone calls and visits with our elected officials working at getting Senate Bill 0493 passed.

Never before have we come this far. Please pass this notice on to every Michigan amateur radio operator, to every amateur radio club, to your spouse, to your family, to shortwave radio enthusiasts and everyone else that you know that is of voting age.. Let's get Michigan Senate Bill 0493 passed now by writing to your Michigan House Representative now!

73, Edward Hude, WA8QJE Michigan State Government Liaison

Here is how to send correspondence to your Representative: In order to make things easier to locate and write your representative, please go to <http://www.miarrlprb1.org/>.

Once there, click on Sample Letters. Click on locate your representative which will take you to their web page where you can find their email address.

On the same Sample Letters page, you can find the text of a letter that you can use by cutting and pasting into your email program. Don't forget to include your Representative's name and address and your name, call sign and address.

Please don't delay in sending your letters out. Time is of the essence as the last day of this legislative term is December 18. After that, we have to start all over again. We don't know for sure when the floor vote will be held, so we want to maximize the impact of our letters. We need to pull out all the stops here in order to get this project completed for the hams of Michigan.

I echo Ed's thanks for all of your efforts and urge you to respond to our request.

73, Larry, WB8R

CLASSIFIED

Ride Wanted to Swap/ Hamfest

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

Ham items for Sale

August 2014

OBO

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

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

K8DDB Items For Sale

Prices as of September 8, 2014

All prices are negotiable, items sold “as is”, shipping is not included

(I would prefer to sell the bulky items locally)

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

Radio Gear:

- Elecraft K3 Transceiver (serial # 5093) – 100 watts, w/ATU, general coverage Rx module, filters for - 6 khz, 400 hz, 250 hz (includes manuals)
Asking \$1,799
Ten Tec Station
 - o Corsair II Model 561 Transceiver, Model 263 Remote VFO and Model 961 Power Supply/Speaker (including manuals)
Asking \$299
 - o Centurion Model 422 Linear Amp (matches above station) – Tubes have very few hours on them. (includes manual)
Asking \$990
- Viking 6n2 Transmitter
Asking \$19
- Regulated CB Power Supply
Asking \$5
- Vibroplex Original Bug with Chrome Base
Serial 100948
Included are 2 additional weights for speed control
Asking \$89


Test Equipment:

- RCA Type WO-33A Oscilloscope
WG-349A Direct/Low Capacitance Probe
Instruction manual
Asking \$9
- B&K Model 162 Transistor/F.E.T. Tester
With probe and manual
Asking \$39
- Sencore Handy “75” Resistor/Capacitor Substitution Box
With set of test probes
- Asking \$9

UP Hamfest Informatio

Feb 7 - HARA, Negaunee, MI - WB8R
No other information at this time.

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.qsl.net/ka1ddb	QRZ.COM: http://www.urz.com/
Tropospheric Ducting Forecasts: http://www.d/infocentre.com/tropo.html	Ehamnet.com: http://www.eham.net/
 http://www.dx-code.org	U.P. Skywarn: http://kcra-mi.net/skywarn/

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

Cooper Country Radio Amateur
Dollar Bay, MI
www.ccraa.net

Keweenaw County Repeater Ass.
Hancock, MI
www.kcra-mi.net

Area Repeaters

Escanaba	147.15+	100.0
	145.13-	No PL
Wells	444.30+	No PL
Gladstone		
IRLP 4013	147.55 Smpx	100.0
Champion	146.82-	100.0
Cooks	146.70 -	110.9
GrdMarais	147.195+	No PL
Gwinn	146.64-	100.0
Iron Mtn	146.85 -	No PL
Iron River	145.17-	107.2
Ishpeming	146.91-	No PL
IRLP 8993	443.50+	100.0
Manistique	146.79 -	No PL
Marquette	146.97 -	No PL
	147.27+	100.0
	444.80+	No PL
Menominee	147.00+	107.2
Newberry	146.61+	No PL
	147.09+	114.8
Republic	147.09+	No PL
Trenary	147.03 +	100.0
Wetmore	145.41-	100.0

Wisconsin Repeaters

Abrams	146.835 -	107.2
Crivitz	145.47 -	107.2
Egg Harbor	146.73 -	107.2
McAllister	146.88 -	136.5
Green Bay	147.12 +	107.2
	147.27 +	107.2
	146.685 -	107.2
	145.49 -	100.0
Sister Bay	147.18 +	No PL
Sturgeon Bay	147.21 +	107.2

ARRL Affiliated Club Area Nets

UP Net	3921khz
Daily	5pm EST
Sunday	Noon EST
UP CW NET	3590khz
Sunday	7pm EST
160 Net	1895khz
Everynight	0100UTC
Dailey	0600UTC
Midcars	7258khz
Daily	0730am EST
	0200pm EST
Outhcars Node	9614
Saturday	0900am EST
UP Echolink Node	9617
Sunday	8pm EST
Delta County ARES	147.150
Sunday	7pm EST
Mich-A-Con Social	146.850
Thursday	0630pm CST
ARES follows	

ABOUT OUR CLUB.....

Club Officers

President:

Tom Martin, W8JWN

(906) 774-5463

tmartin@chartermi.net

Vice President

Scott Jarmusch, KA8TFF

sjarmusch@yahoo.com

Secretary:

Joe Ferris, KC9TQR

iferris@borderlandnet.net

Treasurer:

Burt Armbrust, WB8EB

(906) 774-8383

Wb8ebs@yahoo.com

.....
Newsletter Editor:

Tom Heyboer, KC8TH

(906) 779-0481

Heyboer.Tom@gmail.com

We're on the Web!

See us at:

<http://www.qsl.net/ka1ddb/>

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

Activities:

Second Wednesday of the month the Mich-ACon Amateur Radio Club meets in the Dickinson Country Library at 7:00 P.M. Winter or **6:30 PM** Summer

Visitors and prospective members are always welcome!

Club Repeater:

The Club maintains two repeaters which are located on Pine Mountain (Elevation 1650 ft) in Iron Mountain with tower and facilities provided by the Wisconsin Electric Power Co.

The range of the 2 meter repeater is about 40 miles. The range of the 440 MHZ repeater is about 25 miles. Both are under normal conditions, depending upon terrain.

The Repeater Specifications:

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

Membership:

Call Sign	Last Name	First Name	City	Phone	Email
KD8GHG	AHO	ROGER	QUINNESEC	906-774-3552	rogeraa@chartermi.net
N8WQG	ANDERSON	LE ROY	CRYSTAL FALLS	906-265-3960	n8wqq@fast-air.net
WB8EBS	ARMBRUST	BURT	QUINNESEC	906-774-8383	wb8ebs@yahoo.com
W8XBO	ARMBRUST	ED	IRON MOUNTAIN	906-779-5593	w8xbo@sbcglobal.net
KC9KVP	BAKER	BETH	NIAGARA		
KB9AVX	BAKER	SCOTT	NIAGARA	715-251-1944	kb9avx@yahoo.com
KD8POR	BEY	DANA L.	KINGSFORD	906-774-7937	lst797@charter.net
W9MB	BOILEAU	MIKE	NIAGARA	906-563-1350	w9mb@uplogon.com
K8DDB	BRAY	MIKE	VULCAN	906-563-7020	mikebray@chartermi.net
KC9SBY	BROSCHART	FRED	NIAGARA	715-251-1423	broschart.fred@gmail.com
KE9L	CASWELL	SKIP	IRON MOUNTAIN	906-774-3371	acaswell4238@charter.net
KD8GLO	COSTA	ART	KINGSFORD	906-774-7388	cattrxcavator@hotmail.com
KC9ZBC	DOLATOWSKI	SCOTT	GOODMAN	715-633-1006	kc9zbc@live.com
KC8CKX	FAULKNER	JAMES	FOSTER CITY		jchearit@yahoo.com
KC9TQR	FERRIS	JOE	FLORENCE	517-589-4386	jrferris@borderlandnet.net
N9MBG	FRY	EDWARD	PEMBINE	906-221-7307	efry@centrylink.net
KG8NK	GEMBOLIS	LOUIS	ISHPEMING	906-485-5442	lgembolis@chartermi.net
KD8VTS	GRABOWSKI	DEBRA	CRYSTAL FALLS	906-284-2450	kd8vts@gmail.com
KD8VTT	GRABOWSKI	WILLIAM	CRYSTAL FALLS		(use above)
KD8WAK	HEBERT	STEVEN	IRON MOUNTAIN	906-221-2507	viparsteve@yahoo.com
KC8TH	HEYBOER	TOM	IRON MOUNTAIN	906-779-0481	heyboer.tom@gmail.com
N8ATS	HOLMES	SAM	PEMBINE	906-322-8507	chopsam@centrylink.com
KA8TFF	JARMUSCH	SCOTT	IRON MOUNTAIN		s_jarmusch@yahoo.com
HC8SZP	JOHNSON	DEBBY	IRON MOUNTAIN	906-396-9323	
KC8RYY	JOHNSON	STEVE	IRON MOUNTAIN	906-396-5292	kc8ryy@outlook.com
KB9EMU	KNUTSON	WILLIAM	FENCE	715-336-2250	dknutson54@gmail.com
KB8ETK	KOMBLEVICZ	JOSEPH	IRON MOUNTAIN	906-774-4094	kombleviczj@charter.net
W8JWN	MARTIN	THOMAS	IRON MOUNTAIN	906-774-5463	tmartin@chartermi.net
KC9KWS	MAXWELL	RED	FLORENCE	574-855-8666	kc9kws@yahoo.com
WA8FXQ	MEYERS	BOB	VULCAN	906-390-0119	meyersh@uplogon.com
KC8LRP	MEYERS	MARGE	VULCAN	906-396-8913	mgmeyer@uplogon.com
KD8GLP	MIERAS	NATE	KINGSFORD	616-240-6919	kd8glp@gmail.com
N8TUM	MILLER	TIMOTHY	MILWAUKEE		
K9TRY	MORIARITY	TERRY	NIAGARA	715-251-1670	kb9zer@yahoo.com
ND8M	PAUL	JARED	NORWAY	989-660-9535	jaredpaul@me.com
KD8SZA	PAUL	MICHELLE	NORWAY		
KC9NFT	PERRON	BARRY	FLORENCE	715-887-2892	hperron2@netzero.com
KC8JRI	REED	GORDY	IRON MOUNTAIN	906-779-1254	gordyreed@charter.net
K8ABS	RIVERSIDE	JIM	IRON MOUNTAIN	906-458-0773	jriverside@charter.net
W8IFI	RYE	JIM	CRYSTAL FALLS	906-875-3582	jimrye@up.net
KC8JRH	SCHLITT	PETER	NORWAY	906-563-8126	peteschlitt@yahoo.com
KD8KUF	SCHULTZ	PAUL	KINGSFORD	906-774-8900	pauls@schultzequipment.com
KD8CCP	SKAUGE	STEVE	ISHPEMING	906-458-4798	kd8ccp@yahoo.com
KG9Y	THOMAS	DAVE	NIAGARA	715-251-1393	kg9y@ari.net
KD8KUI	ADAM	DENNIS	IRON MOUNTAIN	906-774-8129	duferdoc@chartermi.net
KD8QEX	AMICANGELO	PERRY	VULCAN	906-563-8076	perryamicangelo@msn.com
K8SWX	BEURJEY	DENNIS	KINGSFORD	906-282-4440	dbeurjey@gmail.com
KC8QZG	DAKE	DAVE	NEWBERRY		
KD8LQK	HULL	ADAM	NIAGARA	715-251-1302	hullar13@baycollege.edu
KD8SZA	LASEN	MICHELL	NORWAY	231-510-0202	myln1973@gmail.com
KB8YEU	O'BRIEN	JACK	NORWAY	906-396-3316	jobrion@sbcglobal.net
KD8DJK	SCHUTTE	JOE	VULCAN	906-563-8273	dschutte@uplogon.com

Please remit dues to :

Burt Armbrust, WB8EBS
693 Cliff St
Quinnesec, Mi. 49876

Name: _____

Call Sign: _____

Address: _____

City, State, Zip: _____

Email Address: _____

Phone: _____

ARRL Member? Yes _____ No _____

Please make check payable to: **Mich-A-Con ARC**

Annual dues for Full Membership -

Single \$20 __ Family \$30 __

Repeater Only \$10 __**

If family membership, please list additional:

Names: _____

Call signs: _____

City, State, Zip: _____

Annual dues are Payable January 1st.

Dues for New Members are Pro-rated. Please remit \$1.67 per month for a Single membership or \$.50 per month for a Family membership.