



April 2019

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Vice President	Art Peters K0ACP	(989) 4003745
Secretary	Linda Hodges KC8MUD	(989) 8357746
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W8KEA Station Trustee	Larry Macklin N8CGP	(989) 6317748
Midland County EC/RO	Jack Robinson, K8GTG	
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Interim Newsletter Editor	Paul Tolly N8GEM	(989) 4921239
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ARRL VE Liaison	Dennis Klipa N8ERF	
Web Page Chairman	Lee Hodges KC8ITI	(989) 6310178
Club Historian	Stan Rowe K6VWE	(989) 8377252
Quartermaster	Lee Hodges KC8ITI	(989) 4863771
Public Information Officer	TBA	
Field Day Committee	TBA	
Swap Committee	Keith Johnson KB8SOE	(989) 4884337

LIFE Members

Don NU8U, Lee KC8ITI, Dennis N8ERF, Larry N8CGP, Denny WD8BPT, John WB8RCR

Midland County Public Service Net, Thursdays at 9 PM

W8KEA Repeater — 147.000 MHz+ PL 103.5 • W8QN Repeater — 443.325 MHz+ PL 103.5

W8KEA Digipeater — 145.090 MHz

Midland ARC April 4th Meeting — Thursday 7:30 PM

Salvation Army Bldg, 330 Waldo Ave.

Talkin 147.000+

SILENT KEY REPORT

Lee Hodges, KC8ITI



It is with great sadness that I report Pat Mullet, KC8RTW became a silent key in February of this year. Pat held an Amateur Extra class license. He was our club's public information officer and the public information officer for the Michigan section of the ARRL. Pat also served as a Volunteer Examiner. For many years Pat was our club's newsletter editor. Pat was an enthusiastic supporter of amateur radio and of our club and its activities. Our condolences go to Pat's sister Penny and the rest of Pat's family.

Lee - KC8ITI

Quick Notes from the SEC ...

**John McDonough
WB8RCR**

If you haven't signed up on ARES Connect yet, do it now. This can help you stay abreast of all the things going on around the state, and when you participate in an event of any type, you can get credit for the hours.

The SEOC is currently active in virtual mode for damage in Shiawassee and flooding in Newaygo, Osceola, Houghton and Lake. Shiawassee and Newaygo have both requested Governor's Emergency Declarations. The state is assisting with damage assessment in Newaygo.

The Auxcomm Working Group is developing training materials to be used by ECs. The VHF/UHF Winlink network is being built out aggressively. The Winlink network can be easily reached from Midland on 147.5800. W8FSM has a video on downloading and installing Winlink Express at <https://www.youtube.com/watch?v=I-kFzJ5oAb4>

73 de WB8RCR
John J. McDonough



The Midland MS Walk for 2019 will occur on Saturday April 27th, centered on and around Midland High School. 1301 Eastlawn Drive. The event site opens at 9 a.m.; the walk begins at 10 a. m. Operators will be needed from 9 a.m. until roughly 1 p.m. Plan on using the Midland VHF repeater on 147.00+. Other frequencies may be assigned later.

Please put this date on your calendar. Seventeen operators are requested. If you can help, contact Chris, KB8UIH. Please do contact if you are going to help. I need a head count of who may be available to plan on what positions can be filled that day. Thanks in advance for your help.

If you were interested in the trip, Frankenmuth's walk will be May 11th. Contact the Saginaw Valley ARA to volunteer.

Chris, KB8UIH
Home 989-832-7179
Cell 989-948-9153
kb8uih88@charter.net



MARC MEETING March 7th 2019

Linda Hodges, KC8MUD

The evening started at the LEC with a Weather Watch Training (Sky Warn) Session. Meteorologist Steve Considine came from the National Weather Service to give us this outstanding presentation.

Lee KC8ITI brought the meeting to order at 8:50 pm with about 25 members and guests present. A sign-in sheet was passed around and introductions were made.

Treasurer's report- Larry N8CGP- Thank-you to all those people who have renewed their membership. Also a discussion on changing financial institutions because current one is charging fee's we should not have to pay.

EC/RO Report- Jack K8GTG- There is no Races meeting next month. There are a couple of training sessions coming up.

Repeater Report-Larry N8CGP- We are waiting for better weather to get out to the site, then there will be more to report on.

School Report- Dennis N8ERF- Going great, attendance is stable and the kids are having a good time.

May 4th is date set for the next balloon launch and the kids are getting ready for that. A new club may form at the Jefferson Middle School. We may be asking for Mentors to help out at that location and see if it works out. On Monday Dennis is giving a presentation to the Kiwanis Club to let them know how well school clubs are doing.

VE Session- Lee KC8ITI- A testing session is scheduled for March 23rd at the Salvation Army Building. Registration at 8:30 AM and testing begins at 9:00.

Silent Key- Lee KC8ITI - Sadly we announce that Pat Mullet KC8RTW has passed away. There will be no services.

Dow Run/Walk-Lee KC8ITI- Looking for operators for the Dow Run/walk on Saturday, June 1st. Lee is looking for a chair person for the event. The work is been done, just need somebody to coordinate positions for the operators. If you can help please see Lee.

Swap and Field Day- A short discussion about these upcoming events.

PIO- Lee-KC8ITI- This position has come open with Pat's passing, If you are interested in learning more about becoming a PIO officer please contact Lee.

NET Controls: March 14th
March 21st
March 28th

MS Walk -Chris KB8UIH - Midland's MS Walk is on Saturday, April 27th. Please let Chris know if you are available for the morning for this fun but important event.

Frankenmuth MS Walk-Mike KD8HMM- The MS Walk in Frankenmuth draws a large crowd that needs a lot of help. Please let Mike or someone in the Saginaw club know if you can support this important event.

Newsletter Articles- Paul N8GEM - Would you like to see your words or work published? Send your newsletter articles to Paul so he can get them in the newsletter. Examples of what he would like to see are a write-up about your current project, and interesting antidote or funny story, For Sale items, an interesting historical fact or story, just anything that you think would be of interest. Lets make the newsletter amusing, informative and a delight to read.

A motion was made by Larry N8CGP to adjourn and seconded by Dennis N8ERF. The meeting ended at 9:15 PM

Respectfully Submitted.
Linda KC8MUD
MARC Secretary

Local HamFests/Swaps

04/07/2019 | 2nd Annual GMARC
Technology Expo

Location: Madison Heights, MI
Sponsor: GM Amateur Radio Club
Website: <http://www.gmarc.org>

04/27/2019 | Chassell, MI Hamfest
Location: Chassell, MI
Chassell VFW
Sponsor: CCRAA, KCRA, BCRA Copper
Country Clubs

05/04/2019 | Cadillac Hamfest
Location: Cadillac, MI
Cadillac Jr High School
Sponsor: Wexaukee Amateur Radio
Club
Website: <http://wexaukeearc.org/>

06/01/2019 | IRA Hudsonville Hamfest
Location: Hudsonville, MI
Hudsonville Fairgrounds
Sponsor: Independent Repeater
Association
Website: <http://www.w8ira.org>

06/01/2019 | L.A.R.S. 9th Annual
Hamfest
Location: Newberry, MI
Pentland Township Hall
Sponsor: Luce Amateur Radio Society

06/02/2019 | 41st Annual Chelsea
Amateur Radio Swap Meet
Location: Chelsea, MI
Chelsea Fair Grounds
Sponsor: Chelsea Amateur Radio Club
Website: <http://wd8iel.com/>

06/16/2019 | Midland Amateur Radio
Club Hamfest
Location: Midland, MI
Salvation Army Building, 600 E. Waldo
Rd.
Sponsor: MARC
Website: <http://w8kea.org>

06/16/2019 | Monroe Hamfest
Location: Monroe, MI
Monroe County fairgrounds
Sponsor: Monroe County radio Comm
Assoc
Website: <http://mcrca.org/>

07/20/2019 | Gladwin Area Ham Fest
Location: Gladwin, MI
Gladwin City Park Community Center
Sponsor: Gladwin Area Amateur Radio
Club

RACES / ARES

Jack Robinson -K8GTG

ECRO Report

This past month, the club and the public were invited to a Skywarn Weather Spotter training class. Taught by a representative from the National Weather Service (NWS), a packed room of folks learned all about Spring and Summer hazardous weather. Training included how to spot funnel clouds, tornadoes, various degrees of high winds and damage, and the various warnings, watches, and advisories that are issued. Storm spotters are needed to report hazardous weather and/or to confirm conditions as they happen. As an example, even if radar indicates rotational wind and precipitation of a tornado, it takes a trained spotter to validate that is actually happening. This is even more true in the Midland area, since we're farther away from Doppler radar units, meaning, the radar does not see what's close to the ground in the surrounding area.

Our next ARES/RACES meeting will be the first Thursday of May (the 2nd), 6:00pm, Midland Law Enforcement Center. Hope to see you there!

Jack Robinson. K8GTG

High School and Middle School Club Activities

March 11th , three Midland Public School students addressed the Monday Night Kiwanis Club group.

Dennis Klipa, N8ERF, introduced the two High School and one Middle School members of the Electronics and Wireless Communications Club.

Drew Scheffer (KE8EOU), Midland High, Marissa Burghuis, sophomore, Midland High, and Alex Servinski of Northeast Middle School spoke of their Electronic projects, accomplishments and goals to a full house of attendees.

Included in the presentation was an overview of the upcoming Spring Balloon Launch and it's history.

Below is the link to the article on the Midland Kiwanis website.

<https://portalbuzzuserfiles.s3.amazonaws.com/ou-15492/userfiles/files/midland%20kiwanews%20-%20march%2011%2C%202019.pdf>



Area Nets

SVARA; Mn, 147.24 MHz, 2100 ET
Gladwin; Tu, 147.18 MHz, 2000 ET
BARTS; Tu, 145.31 MHz, 2100 ET
Canadian Lks, Wed, 146.8, 2100 ET
Edmore, Th, 146.8, 2000 ET
MARC; Th, 147.00 MHz, 2100 ET
District 3 ARPSC; Su, 145.31 MHz, 1830ET
Mi VHF Trffc Net; MWF, 145.15 MHz, 0900 ET TMMTN; MonSat, 147.30 MHz, 2130 ET
MACS; SunSat, 3953 kHz 1100 ET
MIARPSC; Su, 3932 kHz, 17:00 ET
UPN; SunSat, 3920 KHz, 17:00 ET
MITN; SunSat, 3952 kHz, 1800 ET
QMN; SunFri, 3563 kHz, 1830 & 2200 ET
WSSBN, 3932 kHz, 1900 ET
UPARES; Fr, 3932 kHz, 1930 ET
GLETN; SunSat, 3932 kHz, 2030 ET
SEMTN; SunSat, 145.33, 2215 ET
MiDTN 1900 local Tu, Th, Sat 3.583
+waterfall, Oivia 8/500

SUBMISSIONS FOR NEWSLETTER

Contact Paul Tolly, N8GEM at N8GEM@arrl.net if you want to submit anything for the newsletter.

I need your items by the 15th of the month. Anything received after that may not make it into the newsletter for that month. If you prefer to download the MARC newsletter from our web site, or have trouble with delivery via USPS,

OPEN CLUB POSITIONS

The Midland Amateur Radio Club has the following non-elected positions that need to be filled:

Public Information Officer
ARRL Liaison
Swap Committee Members
Field Day Committee Members
Dow Walk/Run Chairperson
Permanent Newsletter Editor

If you are interested in any of these positions or would like to know more about any of them let me know.

Lee - KC8ITI

Sporadic "E"ditorial

Paul, N8GEM

Am I ready for this next few months? Well honestly "Not yet". but, as the optimistic kid used to say, "There's got to be a pony around here somewhere". Spring's is a coming in and we'll soon be off to the races. I again offer an open invite to participate and lend your talents at the MS Walk, Dow Run, Swap, Field day and the many shared events with our Colleagues in Bay City and Saginaw.

The new year's activities are upon us and the mad race thru summer is gaining steam. Each of us has a list and a half of To-do's and Got-tos on our plate. Yet, there is always more begging our attention. I'm right there as well, stretching the moments I have free with Morse code ear-training, article reading and soon some more HF contacts once I repair my G5RV (Wind damaged lines). If each of us can stretch just a smidge for some of the extra's, we as a group can grow as well. So, my challenge to myself is to commit to a couple more activities within our group and see where I can assist. I encourage the new members to put your foot in the water a bit and join the fun and chaos of the next few months. The more the merrier.

Paul - N8GEM

Project Corner:

Electric Hoist Assisted Tiltover Tower

Dennis, N8ERF will soon be moving a tower to a new location. Rather than spending the afternoon (and several tubes of muscle cream) hand cranking it into position, He thought it would be better to replace the handcrank system with an electric hoist. His research into the physics behind the project, variables needed as well as calculations and considerations are share in a document that now resides on our w8kea webpage.

The document is a study of angles, tensions, load, height and attachment points related to designing the mechanism and choosing the appropriate materials that may be needed for the final product.

For further information, log on to the W8KEA website for the full article.

SPRING 2019 General License Class Begins

The General license class is scheduled to start April 18th 2019 (Thursday) and will run for 8 weeks.

Classes will be on Monday and Thursday nights from 7 PM to 9 PM. Classes will be held at Midland High School Room 321, 1301 Eastlawn Dr., Midland, MI.

The study material will be ARRL General Class License Manual Eighth Edition. Books will be available at a discounted price of \$25.00 if ordered through the instructor. The General class license manual will be going to a new edition July 1st of this year. I will only be ordering enough of the eighth edition manuals needed for this class. If you need a manual let me know.

The policy of the Midland Amateur Radio Club is not to charge a fee for any of our Amateur Radio Licensing Classes.

A testing session will be scheduled at the conclusion of this class. If you know of anyone that might be interest in this class or need more information email me at kc8iti@arrl.net or give me a phone call at (989) 486-3771

Lee - KC8ITI

Greetings to all the Amateurs of Michigan,

March has made its entrance as a "lion", so the proverb goes.... I'm hopeful for the "out like a lamb" part. Making changes, memorials, and other mentions are yours for the viewing in the March 2019 edition of the Michigan Section ARRL Newsletter.

Section Staff Vacancies

With the passing of our Section PIO, Patrick Mullet, KC8RTW, we are in seeking a replacement for that position. The job responsibilities of a PIO (Public Information Officer) are listed on the ARRL website, simply do a search for PIO.

We'll also be seeking replacements for other positions throughout 2019. Some vacancies will be created as folks who have served retire, and others may need to be filled to improve activity levels within their offices.

I'm always happy to talk about your ideas and potential roles you would like to take on, and since I try and make appearances at a number of local swaps, it shouldn't be too tough to track me down. Please remember that it's relatively easy to spot issues, but much more challenging to craft workable solutions.

Contests In April

Don't forget the ARRL Rookie Roundup on April 14th, (slide over to the ARRL webpages for details) and the Michigan QSO Party on April 20th (drop into www.miqp.org for information)

Silent Keys

In case you did not hear, our section lost 3 individuals who were significant contributors to activities within amateur radio:

Hank Greeb, N8XX - Hank was very active in many things, including but not limited to the QRP world.

Beverly Stoner, K8ZJU- Beverly was involved for many years in VE efforts within Washtenaw County

Patrick Mullet, KC8RTW- Patrick served as the Section PIO for many years

Each of these amateurs contributed to the state of our hobby in their own individual ways, and they will be missed.

Michigan ARRL Section Staff Travel Plans

April 7th , 2019 GMARC Swap (K8JK)

Hospitality Thanks

February 17th, 2019 Livonia Swap (WB8TKL)

March 16th, 2019 Crossroads Swap (K8JK)

Michigan Amateur Radio Public Service Corps (ARPSC) Activities for February 2019

Station Activity Reports (SAR) for February 2019

WB8WKQ 399, WB8TQZ 120, K8ED 96, WD8MWD 91, N5MKY 89, K8RDN 73, WD8USA 71, K8BKM 61, KB8RCR 54, KE8CEH 38, KE8CYC 24, KD8ZCM 10, WB8RCR 5

Public Service Honor Roll (PSHR) for February 2019:

N5MKY 575, WB8RCR 400, WD8USA 300, KE8BYC 236, WD8MWD 215, KB8RCR 160, KE8CYC 159, KB8PGW 150, K8RDN 145, KD8ZCM 135, WB8WKQ 120, WB8TQZ 110, K8ED 100, KE8CEH 70, N8OSL 28

Brass Pounder's League (BPL):

No reports this month

Net traffic for February 2019:

Michigan Amateur Communications System 114
Michigan Traffic Net 61
Southeastern Michigan-

Traffic Net 50
The Michigan Net 45
Upper Peninsula Net 36
Michigan VHF Traffic Net 33
Michigan Digital Traffic Net10
Northern Lower Eastern
Upper Peninsula Net 4
Saginaw County ARES Net 3
Michigan Area Radio
Public Service Corps 1

Total Volunteer Dollar Value for February 2019: \$ 36,809

More information is available at <http://nts-mi.org/>.

A hearty thanks to the hundreds of volunteers across the State of Michigan who work hard as volunteers 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 Michigan State Police Homeland Security Division.

Public service is in the DNA of Amateur Radio, one of many reasons we enjoy so many radio frequencies to utilize, experiment with, and enjoy.

Final Thoughts

I'm looking forward to hearing from all of you, and to visit your local club or group. I deeply appreciate the countless hours folks spend in volunteering their energy to make the hobby even better.

Thanks to all the radio amateurs who continue to make the hobby great! Get Active, Get Involved, and Get On The Air!

73
Jim K8JK

ARRL Michigan Section
Section Manager: James A
Kvochick, K8JK
k8jk@arrl.org

MARC VITAL STATISTICS

MEMBERSHIPS EXPIRING IN MARCH 2019

N8WTQ W8QN

MEMBERSHIPS EXPIRING IN APRIL 2019

K6VWE K8RI K8VB K8VFO KD8MMH N8GEM
 N8JBW W8LSS WD8AXR

MEMBERS IN GOOD STANDING

AC8RT	AD8BO	K0ACP	K2VMH	K6VWE	K8GTG
K8RI	K8VB	K8VFO	KB8RCR	KB8SOE	KB8UIH
KC8ITI	KC8MUD	KC8VOA	KD0JHX	KD8HID	KD8HIH
KD8MMH	KD8OLC	KD8QAM	KD8ULJ	KE8DON	KE8EOS
KE8KDP	N8CGP	N8ERF	N8GEM	N8JBW	N8NGT
N8WTQ	NU8U	NX8A	W8LSS	W8NYO	W8QN
WA8LQD	WA8Y	WB8FYR	WB8RCR	WB8WNF	WD8AX
		WD8BPT	WD8ODG		

TOTAL 44

BIRTHDAYS CELEBRATED IN MARCH 2019

AC8RT 3/ 4 KD8QXL 3/18 K8VB 3/20 W8QN 3/31

BIRTHDAYS CELEBRATED IN APRIL 2019

KB8TBI 4/14 KC8IHB 4/19 KD8OLC 4/20 KD8OLC 4/20
WA8LQD 4/27 K8GTG 4/28 KA8EZT 4/28 N8JBW 4/30

ANNIVERSARIES CELEBRATED IN MARCH 2019

WN8QGV and Belinda 3/2 KC8ITI and KC8MUD 3/6
WD8BPT and Melody 3/13

ANNIVERSARIES CELEBRATED IN APRIL 2019

AC8RT and Julie 4/26

Information is from data received 3/10/2019
Any corrections or questions contact Larry, N8CGP



Paul Tolly,
Interim Newsletter Editor
1319 W. Hines St.
Midland, MI 48640

If you desire to join the Midland Amateur Radio Club, the dues are \$20 per year for an individual membership. A family membership is available for an additional \$5 per year which covers all of the individual's family members. Family members must reside at the same address as the primary member to be eligible for the family member rate. The membership dues help to cover the operating expenses of the Club, and its radio systems. Membership includes Autopatch privileges on the W8KEA repeater (1 47. 000+), voting privileges at MARC meetings, and a monthly newsletter. Please supply the following information:

Name: _____ Callsign: _____ License Class _____

Address _____

City _____ State _____

Zip _____

Home Phone (____) _____ Work Phone (____) _____

E-mail address _____

Spouse: _____ Callsign: _____ License Class _____

Birthday:(mm/dd) _____ Anniversary:(mm/dd) _____

Desired newsletter format: Paper copy via USPS _____ or via e-mail _____

Are you an ARRL Member? Y/N _____

Do you want an ARES Application? ____ Y/N _____

We request this information so we can communicate with you regarding MARC business, and periodically send you newsletters and congratulatory birthday & anniversary greetings. We do not sell this information nor will we knowingly publicize private information without your permission. Information that is publicly available may be distributed to Club members for various purposes, including membership lists, without prior notification.

You may give this completed form to the MARC treasurer, or you may mail it to:
MARC, PO Box 1049, Midland, MI 486411049