



# SVARA Harmonic

A monthly publication of the  
Saginaw Valley Amateur Radio Association

September 2018

- **SVARA Meeting Presentations**

We are still looking for ideas for meeting presentations. If you have an idea for a presentation or would like to do a presentation after one of our meetings, please contact Mike KD8MMH or any of the board members with your idea.

- **SVARA MONDAY NIGHT 2 METER NET**

Every Monday at 9:00 PM local time, on the Saginaw repeater – K8DAC 147.24, with a 103.5 PL tone or via EchoLink. All are welcome and encouraged to join in.

**Club Meeting Time and Place:**

Lecture Theater in the Covenant Anderson building on the corner of N. Bond St. and Almira St. on the 1<sup>ST</sup> Friday of the month at 7:00PM unless otherwise noted. Changes are posted to the club website.

**Club Meeting Dates:**

All dates are Fridays: January 5, February 2, March 2, April 6, May 4, June 1, July 6, August 3, September 7, October 5, November 2, December 7

**Club Breakfast Dates (Savoy bar and Grill on Franklin St.):**

A club breakfast is held monthly on Saturday morning after the meeting, 8:30 a.m.

All dates are Saturdays January 6, February 3, March 3, April 7, May 5, June 2, July 7, August 4, September 8, October 6, November 3, December 8

**Board Meeting Dates (at Biggby Coffee, 3085 Bay Rd.):**

The Board of Directors meets monthly on the 2<sup>nd</sup> Thursday following the general membership meeting, 7:00 p.m. at Biggby Coffee on Bay Rd. Meeting date may change based on room availability. Changes in meeting dates are posted on the club website.

All dates are Thursday: January 18, February 15, March 15, April 19, May 17, June 14, July 19, August 16, September 20, October 18, November 15, December 20

**ARES Members:**

Ares training for September will be on the new ARES Connect web site. Visit the Ares website for more information. Ares training for October is to be determined.

**Weekly Nets      Please join us. All licensed operators are welcome.**

<b>District 3 Net</b> 145.310 Sunday 6:00 PM	<b>SVARA (Saginaw)</b> 147.240 Monday 9:00 PM	<b>MARC (Midland)</b> 147.000 Thursday 9:00 PM
<b>D3 Digital Training Net (Olivia 8/500) Seasonal</b> 3.586 MHz USB Sunday 8:00 PM	<b>BAARC (Bay City)</b> 145.310 Tuesday 9:00 PM	<b>MI Digital Traffic Net (Olivia 8/500)</b> 3.583 MHz USB Tues, Thurs, Sat 8:00 PM

## **Saginaw Valley ARA meeting minutes for August 3,2018**

The meeting was called to order by Mike N8XPS, who lead the pledge of allegiance with 10 members and 1 guest present.

Gordy KC8YVD, made a motion to accept last month's meeting minutes as published in the harmonic news and was seconded by Mike KD8MMH. The motion passed.

Dave W8DW, made a motion to accept the treasurer's report and was seconded by Mary WB8LZA. The motion passed.

Mike N8XPS, discussed in the club breakfast and Red Cross cleanup that took place in June. He also discussed sales from the Midland ham swap. A big thank you to everyone who helped in both events. Mike also discussed the upcoming Emergency Preparedness Expo to be held at the Frankenmuth credit union Expo Center, formerly known as the Birch Run Expo Center. Will be held Saturday, September 29 from 9 AM to 5 PM. As in the past we will have a free booth. If you'd like to sign up ahead of time please contact Ron KC8YVF, at KC8YVF@ARRL.NET and remember to wear your club shirt to avoid the \$5 entrance fee.

Mike K8AVJ, discussed the shortcomings of the club activity held in July. He failed to advertise the event well enough and early enough. He hopes to hold a different activity before the end of the year. If you have suggestions for an activity you would like to participate and please email Mike K8AVJ, at K8AVJ@ARRL.NET

Dave W8DW, reported on upcoming ham swaps and contests.

Ron KC8YVF, reported on the National Night Out event as well as the Ares' dinner and a movie.

Mike N8XPS, gave a report on the club's Field Day operations with Midland. We operated as a 6A group with a GOTA station. Three stations from the Midland club and three stations from the Saginaw club. Operations only took place on Saturday due to reports of severe weather. Saturday's dinner was well-liked.

Dave W8DW, reported on our submitted score. We had 196 points from contacts with an additional 170 bonus points. Dave thanks the club for the purchase of the sector antenna for covenant North that allowed us to have Internet access at the Field Day site. He also wanted to thank Dave N8ERL, for the antenna used for the go to station. It performed superbly. Despite some initial issues with both the network and logging software the event went well. Gordy KC8YVD, also noted that he heard the radio ad for the event.

The need to update club information at various places was discussed. The ARRL website and Township Times were noted.

Mike KD8MMH, discussed news from Midland club meeting. Midland has voted to purchase a new repeater system to replace their existing system which had been experiencing problems for some time and recently failed completely.

In other news, our very own Rob KC8IJN, has gotten married. Congratulations Rob.

The motion to adjourn was made by Ron KC8YVF, and seconded by Horst KD8ZXR.

## **Saginaw Valley ARA board meeting minutes for August 16, 2018**

Saginaw Valley ARA board meeting minutes for August 16, 2018

The meeting was called to order at pm by Mike KD8MMH, with Dave W8DW, Horst KD8ZXR, Mary WB8LZA, Anne KB8AWE, and Mike K8AVJ, present.

Dave W8DW, made a motion to accept last month's board meeting minutes as published in the harmonic news and was seconded by Mary WB8LZA. The motion passed.

### **President's Report**

The President was not present.

### **Vice President's Report**

The Vice President was not present.

### **Secretary's Report**

The Secretary reported on the antenna club activity held in July. Other types of activities were discussed.

### **Treasurer's Report**

The Treasurer had nothing new to report.

### **Chair's report**

Mike KD8MMH, discussed the new meeting location. It is a very nice location that provides us new opportunities for presentations. He also mentioned that the Midland club's president will not be seeking reelection. It was also mentioned that the donation from AT&T was never cashed, it is presumed to have been lost in the mail and will be reissued.

### **General Discussion**

Dave W8DW, gave a report on behalf of the repeater committee. The packet repeater is up and running and things with the microwave system are working well.

Club goals were discussed including ways of increasing membership.

The motion to adjourn was made by Dave W8DW, and seconded by Mary WB8LZA.

Respectfully submitted,  
Mike Elias K8AVJ  
Secretary

## ARRL News

# Ham Radio to be Represented at 9th Annual World Maker Faire in New York City

The Garden School, K2GSG, and Hall of Science Amateur Radio clubs (ARC) in New York City will join forces this month to put Amateur Radio on display during the 9th annual [World Maker Faire NYC](#) at the New York Hall of Science in Corona, Queens, September 22 - 23. Last year's World Maker Faire NYC drew some 90,000 attendees. The Garden School's ham radio club advisor and science teacher John Hale, KD2LPM, said participating youngsters will introduce Amateur Radio and help attendees construct small, electronic "Maker Key" Morse code oscillators. The project helped Garden School win a blue ribbon at last year's Maker Faire.



Something new this year: visiting radio amateurs can build a tape-measure Yagi antenna for satellite or terrestrial use. In cooperation with the Hall of Science ARC, amateurs will attempt to make satellite contacts with the antennas as a demonstration, Hale said.

The Hall of Science will host a working HF radio demonstration called "When Disaster Strikes, Amateur Radio is Ready." Radio amateurs will be on hand to operate the radios and encourage those attending the Faire to attempt to make contacts.



**Visitors to the 2017 World Maker Faire construct a code practice oscillator kit.**

Established in 2016, the Garden School ARC is an integral part of the school's curriculum for educating students in STEM (science, technology, engineering, and math) disciplines. The Garden School ARC students are mentored by the co-exhibiting Hall of Science Amateur Radio Club (WB2JSM/WB2ZZO). Both are ARRL-affiliated clubs.

ARRL Marketing Manager Bob Inderbitzen, NQ1R, believes that Maker Faire events offer excellent opportunities to give greater exposure to Amateur Radio. "Exhibiting at a Maker Faire is a great way for radio club members to share their enthusiasm for ham radio with the public," he said.

Inderbitzen often gives tips to ham radio groups considering a Maker Faire exhibit. "Your exhibit should represent radio communication as innovative, hands-on, and cool," he advised. "Not everyone will want to become a ham, but have radio club, class, and licensing information on hand for Faire attendees who seem especially interested."

## AREDN Project Announces Strategic Changes

[AREDN](#) has formed a non-profit corporation to ensure continuity: The project saw the need for more formal governance and as a result, took the strategic step of organizing as a non-profit corporation. This will help protect the user-community investments in mesh networking by setting up the framework for long-term resource management, research, and development, the group said in a news release.

"Our mission is still focused on providing the Amateur Radio community with software, education, and support to enable them to aid public safety, emergency response and disaster relief agencies with high-speed multimedia data networks," the release reported.

The release noted "Continuing to rely on the financial support of a few individuals is not a sustainable means of supporting the project. Without more widespread support, the community's growing investment in network equipment and relationships with served agencies is at risk. We expect to obtain contributions primarily from the ham community. We plan to use these funds to cover operating expenses such as web site hosting, setup a test and validation lab, obtain associated test equipment, and address the costs of promoting the project through various marketing channels. We plan to consider grants to fund worthy implementations of AREDN infrastructure as our resources may allow."

### AREDN Code Repositories on GitHub

All AREDN source code has been moved to [GitHub](#). GitHub is one of the largest open source code repository services with over 40 million users.

Anyone with basic knowledge of Linux and Git can now contribute changes and compile AREDN images through an automated build process. If you have a background in application or firmware development, the hurdle to contribute is now substantially lower.

The move to GitHub helps the project stay aligned with the current version of [OpenWRT](#). This is the basis for AREDN firmware and is supported by over one thousand developers worldwide. These developers release a steady stream of advancements and fixes. Contributors may now focus on those features that make the AREDN product unique and pertinent to the ham community. Those amateurs interested in contributing can become familiar with the GitHub workflow and submit pull requests. Regular code contributors may take part in periodic developer conference calls.

### AREDN Corporation

Amateur Radio Emergency Data Network, Inc. is a New Jersey non-profit corporation supporting the AREDN open-source software development project. The project writes and promotes the development of firmware for repurposing Wireless Internet Service Provider (WISP) devices for use by licensed radio amateurs. These repurposed devices - referred to as "AREDN Nodes" - are deployable by radio amateurs to automatically interoperate and form a high-speed data network. This network is highly useful to emergency responders and disaster relief agencies during times of local and regional disasters. See the [AREDN](#) website for further information and software.

Do you need help programming your HT? Come to the next meeting, bring your HT, any manuals you have, and we will do our best to help. Don't have a manual? We'll still give it a try.

### 2018 SVARA Officers

<b>President</b>	Mike Linton N8XPS	<b>Board Member</b>	Mary Paquette WB8LZA
		Term expires 2018	
<b>Vice-President</b>	Brian Kleinfeld K8HY		
<b>Secretary</b>	Mike Elias K8AVJ	<b>Board Member</b>	Doris Miles KD8MMG
		Term expires 2019	
<b>Treasurer</b>	Anne Elias KB8AWE	<b>Board Member</b>	Tom Schmidt N8EUI
		Term expires 2020	

### 2018 SVARA Appointments

#### Newsletter Editor

To subscribe or submit articles, please send requests to  
 Mike Elias K8AVJ      ke8avj@gmail.com

#### Emergency Coordinator

Ron Huss, KC8YVF      989-799-2679 kc8yvf@rhuss.cncfamily.com

#### Public Info Officer

Tom Schmidt N8EUI      989 245-7429 tschmidt50@charter.net

#### Repeater Committee

Ron Huss, KC8YVF  
 Dave Paquette, W8DW (Trustee)  
 Brian Kleinfeld. K8HY  
 Jeff Metiva, KB8SWR

#### SVARA Elmers

General Questions	Joe Turner, K8CQF	k8cqf@arrl.net
CW (Morse Code)	Dave Paquette, W8DW	w8dw@qsl.net
Contesting	Dave Paquette, W8DW	w8dw@qsl.net
Hamnet/Meshnet	Mike Elias, K8AVJ	ke8avj@gmail.com



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