



# SVARA Harmonic

A monthly publication of the  
Saginaw Valley Amateur Radio Association

November 2019

- **SVARA Meeting Presentations**

We are always 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:**

Covenant Hospital Anderson building, first floor lecture room on the corner of N. Bond St. and Almira St. on the 1<sup>ST</sup> Friday at 7:00PM unless otherwise noted. Changes are posted to the club website.

**Club Meeting Dates:**

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

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

A club breakfast is held monthly on the Saturday morning after the meeting, 8:30 a.m. All dates are Saturdays. January 5, February 2, March 2, April 6, May 4, June 8, August 3, September 7, October 5, November 2, December 7

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

The Board of Directors meets monthly on the 2<sup>nd</sup> Week following the general membership meeting, 7:00 p.m. at Biggby Coffee on Bay Rd. Dates for the new year are being decided. Changes in meeting dates are posted on the club website. All dates for 2019 are to be announced at this time.

**ARES Members:**

there is no Ares meeting for December. Ares training for January is to be announced. Visit the Ares website for more information.

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

<b>District 3 Net</b> 145.310 Sunday 6:30 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 November 1 ,2019**

The meeting was called to order by Mike N8XPS, who lead the pledge of allegiance with 15 members and 1 guest present.

Gordy KC8YVD, made a motion to accept last month's meeting minutes, with corrections, as published in the Harmonic News and was seconded by Tom N8EUI. The motion passed.

Horst KD8ZXR, made a motion to accept the treasurer's report and was seconded by Dave W8DW. The motion passed.

Mike N8XPS, was sad to announce Dr. Edgar Allport, AJ2S, has passed. Doris KD8MMG, made a motion to donate \$75 to the field of neuroscience on behalf of Dr. Allport, in lieu of flowers, as requested by the family. The motion passed.

Renee KE8MYJ, and Mark ND8MS, have submitted applications for membership to the club. Upon confirming they were in good standing, Gordy KC8YVD, made a motion to accept both as members. The motion was seconded by Horst KD8ZXR. The motion passed.

Mike N8XPS, discussed the December breakfast meeting, Ward meetings at Biggby's coffee, the Holiday Lights In the Heart of the City event and the December meeting which will be held at the Westland church at beginning at 6 PM.

Dave W8DW, discussed upcoming contests. If you would like to place an order for a club shirt please let Mike KD8MMH, know the kind and size of shirt you would like.

Ron KC8YVF, discussed the upcoming Ares training which will be held one week earlier due to the Thanksgiving holiday. Ron also discussed the Ares Québec system. Please remember to put in your hours using the Ares Connect System so that amateur radio community can receive credit for our contributions. Ron also thanked those who attended the winter Skywarn training. Another Skywarn training session is planned for spring. Ron also mentioned there was new online training available on the FEMA website. <https://training.fema.gov/>

the suggestion of a policy on condolence five hours to avoid delays was discussed. A motion to refer this matter to the board was made by Randy KE8AHW, and seconded by Dave N8ERL. The motion passed.

After General discussion we began the nomination process. Mike N8XPS, was nominated for president. Brian K8HY, was nominated for vice president. Rick KC8VOA, was also nominated for vice president. Renee KE8MYJ, was nominated for secretary but declined the nomination. Mike K8AVJ, was also nominated for secretary. Anne KB8AWE, was nominated for treasurer but declined the nomination. Horst KD8ZXR, was also nominated for treasurer but declined the nomination. Gordy KC8VVD, was also nominated for treasurer but declined the nomination. Mike N8XPS, was also nominated for treasurer. Doris KD8MMG, was nominated for the board member position.

The winner of the 50-50 drawing with the lucky number of 898438 was Gordy KC8YVD. Congratulations Gordy.

The motion to adjourn was made by Gordy KC8YVD, and seconded by Mike KD8MMH.

## **Saginaw Valley ARA board meeting minutes for November 13, 2019**

The meeting was called to order at 7:02 pm by Mike KD8MMH, with Mike N8XPS, Dave W8DW, Tom N8EUI, Horst KD8ZXR, Mary WB8LZA, and Mike K8AVJ, present.

Mike N8XPS, made a motion to accept last month's board meeting minutes as published in the Harmonic News and was seconded by Dave W8DW. The motion passed.

### **President's Report**

Other than discussion of the condolence policy, the president had nothing new to report.

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

The Vice President was not present.

### **Secretary's Report**

The secretary had nothing new to report.

### **Treasurer's Report**

The treasurer reported that the donation on behalf of Dr. Allport had been sent.

### **Chair's Report**

The chair reported on and presented a thank you card for Jim Wades.

### **General Discussion**

A condolence policy was discussed and formed. The policy states a Memorial Coordinator shall be nominated by the board and this individual will be responsible for sending sympathy cards or making donations in the name of the silent key. For current club members and their spouses, a \$20 donation will be made in their name. For expired members, a sympathy card will be sent on behalf of the club. A motion to adopt the policy was made by Mike N8XPS, and seconded by Mike KD8MMH.

Dave D8WD, discussed the repeater and recent changes. Covenant Hospital has installed a network connection for the microwave system located at Covenant North. This gives the microwave network and additional backup Internet connection as well as allows the Covenant North site to be remotely managed when there is an issue with the microwave connection.

The motion to adjourn was made by Tom N8EUI, and seconded by Mike KD8MMH.

Respectfully submitted,  
Mike Elias K8AVJ  
Secretary

## ARRL News

# AMSAT Says HuskySat-1 Paving the Way for Further Cooperation

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11/13/2019

AMSAT says it had to maneuver some regulatory challenges in establishing its partnership with the University of Washington to share the just-launched HuskySat-1. The satellite went into space on November 2 aboard a Cygnus cargo vessel, which docked to the International Space Station. HuskySat-1 will be boosted into a higher orbit and deployed in January, and once it completes its primary mission, it will be turned over to AMSAT for operation of its linear transponder sometime in the second quarter of 2020. AMSAT Vice President-Engineering Jerry Buxton, N0JY, explained this week that the AMSAT-UW partnership presented some regulatory challenges, but has paved the way for similar partnerships in the future.

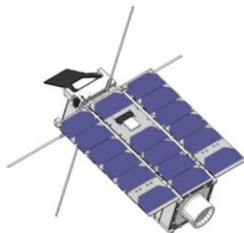
“The [FCC] Part 97 license that AMSAT will operate under does not include or allow the use of any of the experiments on board,” Buxton explained. “As those experiments were not able to conform to Part 97’s so-called ‘educational exemption,’ including the K-band radio, two licenses were required.” UW obtained a Part 5 Experimental license to cover the telemetry downlink of the AMSAT transponder module, but the transponder must remain off during that operation. The AMSAT transponder module will operate under an FCC Part 97 Amateur Service license.

“This was the first partnership with an educational institution where an AMSAT radio was flown on a non-AMSAT (UW in this case) CubeSat,” Buxton said. “In the process of working with the FCC and NASA to obtain a single Part 97 license that was not complicated or restricted by ‘pecuniary interest,’ the experience developed an understanding with FCC as to how a mission such as HuskySat-1 could be fully licensed under Part 97.”

Buxton said delays and difficulties encountered in executing all of the requirements to qualify under Part 97 ultimately bumped up against the mission deadline to have a license in hand, so the CubeSat could be integrated on the launch vessel. “The only way forward at that time, in order for UW to make the launch, was to do the separate licensing,” Buxton said.

“It was lots of work and some good frustration along the way. I thank and commend our partners at University of Washington as well as the FCC for their work to make it happen, and our friends at NASA for giving us the opportunity to push for a path to amateur radio licensing for more of the CubeSat launches they sponsor,” Buxton remarked. “I believe that it has resulted in a known path toward fully Part 97-licensed educational (e.g., university) CubeSats. That should in turn offer more opportunities for AMSAT radios to fly as the communications package for a mission as well as an operating amateur radio satellite, in the same way as the CubeSats we produce.”

After deployment, HuskySat-1’s 1,200 bps BPSK beacon on 435.800 MHz should be active and decodable with the latest release of *FoxTelem*. HuskySat-1 is expected to run its primary mission for 30 days — testing a pulsed plasma thruster and experimental 24 GHz data transmitter — before being turned over to AMSAT for amateur radio operation. HuskySat-1 will feature a 30 kHz wide, 145 to 435 MHz linear transponder for SSB/CW. — *Thanks to AMSAT News Service*



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.

### 2019 SVARA Officers

<b>President</b>	Mike Linton N8XPS	<b>Board Member</b>	
<b>Vice-President</b>	Brian Kleinfeld K8HY	Term expires 2019	Doris Miles KD8MMG
<b>Secretary</b>	Mike Elias K8AVJ	<b>Board Member</b>	Tom Schmidt N8EUI
<b>Treasurer</b>	Anne Elias KB8AWE	Term expires 2020	
		<b>Board Member</b>	Mary Paquette WB8LZA
		Term expires 2021	

### 2019 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      989-270-8974 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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 PO Box 1783 Saginaw, MI 48605-1783

