



# The Spirit of '76 and '88



July

Newsletter of the  
Lake Erie Amateur Radio Association

2021

Carsten Lohrmann, KD8WBB, Editor

The **Tuesday, July 27, 2021** LEARA Picnic Meeting will be at the **Harriet Keeler Picnic Pavilion**, on **Chippewa Creek Drive**, across from the **Brecksville Nature Center**, just south of **Chippewa Road (Route 82)**, in the **Brecksville Reservation** of the **Cleveland Metroparks**. As usual, dinner will be served at 6:30 pm followed by the club meeting. The cost will be **\$15 for adults** and free for children under age 13 when attending with a paying adult. **Advance reservations are requested.** When making your reservation, please indicate how many in your party are under age 13.

**Reservations may be made on the club website at <http://www.leara.org>, or by calling Marv Grossman (W8AZO) at 440-248-0031.**

**Reservations MUST BE IN BY Friday the 23rd July at 9:00 p.m. (21:00 hrs)**

The Picnic Meeting will be catered by Mr. Mike's Catering, and will consist of Hot Dogs, Hamburgers, Fried Chicken, Baked Beans, and Potato Salad. Toppings and condiments will also be provided. Soft drinks and bottled water will be provided as well. Please let us know if you have any special dietary needs or concerns.

**We hope to see you there.**

**LEARA July 27. Meeting  
Picnic - 6:30 p.m.**



## The Prez Says

by Bryan Torok, N8OOF

The June Meeting speaker was our **Ohio Section EC, Stan Broadway, N8BHL**. Via zoom, we got an inside tour of "the Sarge", W8SGT, the amateur radio station at the State of Ohio EMA facility in Columbus. We also got a video tour of the emergency operation center and some offices



... continue on page 2

**Prez cont.**

<b>OFFICERS and TRUSTEES</b>	
<b>Bryan Torok President</b>	N8OOF btorok@sbcglobal.net
<b>Eric Jessen VP, License Trustee</b>	N8AUC 440-554-3057
<b>Jeff Garvas Sec'y-Treasurer</b>	N8YNR 216-496-3928
<b>TRUSTEES</b>	
<b>Marv Grossman Membership</b>	W8AZO 440-248-0031
<b>Robert Wright, II Vice President</b>	KE8CEO 216-502-1552
<b>Steve Spisak Trustee</b>	K8SAS 216-533-7300
<b>Eddie Stevens Venue</b>	KD8FTS 440-668-7409
<b>Ted Alexander Trustee</b>	W8IXY amfmvtv@aol.com
<b>Jon Anhold Trustee</b>	KM8V km8v@arrl.net
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<b>Don Raith</b>	N8DJG (SK)
<b>Fred Collins</b>	W8ADW(SK)
<b>John Radney</b>	KC8FOC(SK)
<b>Pat Shreve</b>	W8GRG (SK)
<b>Al Severson</b>	AB8P (SK)
<b>Dave Foran</b>	WB8APD (SK)
<b>Bob Winston</b>	W2THU
<b>POINTS OF CONTACT</b>	
<b>Carl Gedeon "Sunshine"</b>	KB8VXE 440-243-5710
<b>Bryan Torok Radio Officer</b>	N8OOF btorok@sbcglobal.net
<b>Dave Andrzejewski Radio Officer</b>	AD8G 330-353-9754
<b>NEWSLETTER</b>	
<p><b>The Spirit of '76 &amp; '88</b> is published monthly except in December. Contributions must be received by the 2nd Sunday of the month except on months with 5 Sundays and 5 Tuesdays when the 3rd Sunday will be sufficient.</p> <p><b>Editor:</b> Carsten Lohrmann, KD8WBB E-mail: editor@leara.org</p> <p><b>Proofreading:</b> TNX to W8AZO, N8YNR</p>	

v04/2020-11-16

of the EMA facility. It was an interesting view of a facility that most of us will not get to see in person. Kudos to our program chair, **Eric Jessen N8AUC**, for arranging this program. As a side note, I received compliments from several hams on this presentation which I am passing on to Eric.

**July is Picnic Month.** We will be having our annual picnic on the regular meeting night of Tuesday, July 27, at the Harriet Keeler Picnic Pavilion in the Brecksville Reservation of the Cleveland MetroParks and catered by Mr. Mike's. Full details are on the cover.

As side note, one Trustee (who I'm not going to name) upon hearing that we are having an in-person meeting quipped, "Will pants be a requirement? I've gotten so accustomed to that not being the case." Not to worry, Bob Winston W2THU offered to defend him if he gets arrested.

**Please share the meeting info** on any nets you might be on, with other Ham Radio clubs, and with anyone who you think might be interested in this event. Attendees **DO NOT** need to be members of LEARA or even Hams.

**In-Person Meetings to resume.** At the July Trustees meeting, it was decided that we will be planning on returning to our regular restaurant meetings. Due to increasing prices in general and in the food industry in particular, it is expected that meeting dinner costs will increase, perhaps as much as \$5 per person.

**We are looking into having hybrid in-person/Zoom meetings.** This would allow those who can't or prefer not to attend in person to still view the meeting. Also, it would allow us to continue to draw upon presenters from outside of our area. We are looking someone who would be willing to run the Zoom

The Lake Erie Amateur Radio Assn., Inc., **LEARA**, is a not-for-profit [501(c)(3)] organization dedicated to Amateur Radio and Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at [www.leara.org](http://www.leara.org). Annual membership is \$25.00.

**LEARA's address** is: LEARA, P.O. Box 22823, Beachwood, OH 44122-0823.

**LEARA** is an **ARRL**-affiliated club. When you **join** or **renew** the **ARRL**, **LEARA** benefits monetarily if you do so through the club. Send **ARRL** Applications/renewals to LEARA, P.O. Box 22823, Beachwood, OH 44122-0823. Make the check payable to **LEARA**, not the **ARRL**.

**Membership Meetings** are held the last Tuesday of each month (except December and June) at a Cleveland-area restaurant to be announced each month in the newsletter or, if situation requires, in a virtual conference meeting online. The LEARA newsletter usually arrives near the middle of the month. Locations for dinner may vary and often require a reservation. Those interested in dinner should arrive around 6 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating.

**Trustees' Meetings** are on the second Saturday of odd numbered months. Meetings are open to all current members of LEARA. **Locations are subject to change.** Trustees meet at one of the Cuyahoga County Public Library branches or in a virtual conference room online.

Contact a trustee or check the website at [www.leara.org](http://www.leara.org) for details.

## Prez cont.

portion at the meeting. It is not practical for me to attempt to run an in-person meeting and the Zoom/computer end of it at the same time. **Volunteers are needed.**

The Trustees meetings will continue to be held via Zoom. While at least one trustee said that he would like the personal interaction of a regular meeting, and I don't disagree, the consensus was that the convenience of a Zoom meeting is an overriding benefit. Thanks to **Hamfest Association of Cleveland (HAC.org)** for the use of the Zoom video conferencing.

**Repeater News: Dave Andrzejewski, AD8G, and Bill Hess, K8SGX** continue tweaking and improving the repeater operations. Weather alerts with PL (CTCSS) tone are again available on 146.760. You can find the latest info on the state of LEARA's repeaters at <https://www.leara.org/repeaters>. All of the above, including the web page, is due to the efforts of, and with great thanks to, **Dave Andrzejewski, AD8G, and Bill Hess, K8SGX.**

**Changes from the FCC.** The FCC has yet to specify a date when the fee increase for Amateur licenses and the decrease for GMRS licenses will take effect. You may renew your license up to 90 days prior to the expiration. This may be done online on the FCC's web site, <https://www.fcc.gov/universal-licensing-system>.

1. Click on Filing -> File Online, and then sign in to your FCC account.
2. Enter your FCC Registration Number (FRN) and password into the appropriate text boxes, and then click "SUBMIT."
3. On the "My Licenses" page, click the "Renew Licenses" link.

**Until next month,** talk on the radio and use the repeaters. Join us on the air, online, or in person. If you haven't, get your vaccine shots. Things are gradually getting back to normal. We really want to see or at least hear from you.



## NW8S Field Day 2021

Another awesome field day in the books for the BRRO. There's still some antenna work to be done next year, some improvements we need to work on to reduce interference between bands, but for having 5 transmitters in close proximity, we really have nothing to complain about.

The crew operated 5A again this year and KC8NZJ brought out the "hambulance" for our VHF and GOTA stations.

Saturday started out kind of slow for us and without the upper bands open, we struggled to keep 5 stations busy on the air. 40 was our bread and butter band during the day, with 80 taking off at sunset (no surprise). We had about the same amount of Qs on 40 as we did 80, the difference being the 80 contacts were at a much faster rate in about half the time we were operating on 40.

Sunday morning showed some promise on the upper bands, but just enough to tease us without really ripping wide open. There was also some sporadic-e on 6m Sunday morning.

20 meters continues to confound us. This is two years in a row where we've not performed as well on 20m as we expected to. Hopefully as some other Ohio field day operations post to 3830scores.com we can see if it was conditions or something we're doing wrong.

Find more details here:

<http://www.nw8s.com/news/nw8s-field-day-2021/>





## LEARA "On the Air"

### Club Net Information by Carl Gedeon, KB8VXE

The **Thursday Club Net** is held 8 p.m. on our 146.760 (or 146.880 backup) MHz (-600 kHz offset, PL 110.9) repeater. Note that the '76 repeater is back in service. All nets will be held on this repeater. Please use it and notify any trustee of any troubles or issues.

June Checkins					
AB8M	Doug	KD8WBB	Carsten	N8OHA	Mark
AB8UM	Mike	KE8CEO	Robert	N8OOF	Bryan
AD8AA	Jeff	KE8OWK	Dan	N8UPZ	Bill
AD8G	Dave	KE8PXF	Josh	N8YNR	JEFF
K2WJS	BILL	KE8QLZ	Jim	NQ8D	Tom
K8ALG	Andy	KE8RGC	John	VE3CNF/W8	Brad
K8ARP	Arp	KE8RMV	Shawn	W8DKA	Doug
K8EHP	Mike	KG8DN	Ken	W8IE	Ed
K8RJH	Ron	KM8V	Jon	W8IXY	Ted
K8SAS	Steve	N8AHS	Fred	W8NIN	Mike
KB8VXE	Carl	N8AUC	Eric	W8PKT	William
KC8FQV	Mark	N8AY	John	W8TAB	Tom
KD8FTS	Eddie	N8IYA	Steve	WB8ROK	Ed

Remember if you missed a net, check out the web page for a recap of the trivia and discussion questions.

For July,  
August and  
September the  
tentative  
scheduled  
NCOs are:  
Please check  
the website for  
current  
assignments.

--- click ---

Net Control Schedule		
07/22/21	Eric	N8AUC
07/29/21	Ken	KG8DN
08/05/21	Jon	KM8V
08/12/21	Mike	AB8UM
08/19/21	Ed	W8IE
08/26/21	Carl	KB8VXE
09/02/21	Eric	N8AUC
09/09/21	Ken	KG8DN
09/16/21	Jon	KM8V
09/23/21	Mike	AB8UM

NCOs	AB8UM	MIKE	KG8DN	KEN
	K8SAS	STEVE*	KM8V	JON
	KB8VXE	CARL	N8AUC	ERIC
	KD8ACD**	DAVID	W8IE	Ed

\*Short time leave \*\*Long term leave

## The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April through September. The Skywarn practice nets are held on LEARA's 146.760 repeater every Wednesday at 8:30 p.m. with a simplex net that follows on 146.475. Should the National Weather Service issue a severe weather alert, a Skywarn net will be started on the 146.760 repeater.

Visit [www.ccskywarn.org](http://www.ccskywarn.org) for more information and training sessions.

## ARES

ARES nets are held every Tuesday at 8 p.m. on 145.410 +110.9. A simplex net will be held afterwards. ARES Meetings are no longer being held via Zoom. The next meeting August 8, will be held in the meeting room at the Helwig Whistle Stop 599 West Bagley Rd. Berea, OH. at 2 p.m. Please monitor the ARES website at [www.n8esg.org/ares](http://www.n8esg.org/ares) for information on nets and events. Please note that as of now the Cleveland Marathon has rescheduled for October 23 & 24. Feel free to sign up. You do not have to be an ARES member to participate.

[www.n8esg.org/events](http://www.n8esg.org/events)

## Thursday Net NCOs

Do you know K2??? How about ??UPZ? Do you recognize the voice. Have you met them in person? What about N8OOF? A great way to learn who these voices belong to is to be a net controller! Consider being a net controller.

HELP! We have several people who are on temporary leave of duty. We can always use more LEARA Members to be-come Net Control Operators (NCOs). It's an easy to learn job that is very important in emergencies.

We look forward to your participation!

**Carl, KB8VXE, E-Mail: [kb8vxe@arrl.net](mailto:kb8vxe@arrl.net)**

## Sunshine

• Chris Spisak XYL to Steve K8SAS took a nasty spell and ended up fracturing her arm. We wish her a speedy recovery as Steve nurses her back to health.

## Volunteer Exam Dates and Locations

from [www.arrl.org](http://www.arrl.org)



Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.

**08/24/2021 | [Westlake OH 44145](#)**

**Sponsor:** AD0VR

**Location:** Dover Masonic Temple

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

**09/12/2021 | [Independence OH 44101](#)**

**Sponsor:** CARS Cuyahoga ARS

**Location:** To Be Determined

**Time:** 9:00 AM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

**10/02/2021 | [Kirtland OH 44094](#)**

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

**Time:** 12:00 PM (Walk-ins allowed)

[Learn More](#)

**10/05/2021 | [Westlake OH 44145](#)**

**Sponsor:** AD0VR

**Location:** Dover Masonic Temple

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## Upcoming Hamfests and Conventions

from [www.arrl.org](http://www.arrl.org)



Due to the Coronavirus outbreak, please verify the websites of the hamfests and conventions if the event is being held.

**09/26/2021 - [Cleveland Hamfest](#)**

**Location:** Berea, OH

**Type:** ARRL Hamfest

**Sponsor:** Hamfest Association of Cleveland

**Website:** <http://www.hac.org>

[Learn More](#)

Puzzle 6 (Medium, difficulty rating 0.45)

	8				6		3	4
			8		9	5	6	
9		5						
				4			7	1
		4	7	9	1	3		
1	3			8				
						1		6
	2	9	1		5			
8	1		4				5	

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25  <b>July</b>	26	27 7:15 p.m. ARES 80m OSSB 7:30p.m. <b>LEARA</b> <b>Picnic meeting</b> 8 p.m. OHDN	28	29 8 p.m. LEARA VOICE <b>146.76/R</b>	30	31
1  <b>August</b>	2	3 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	4	5 8 p.m. LEARA VOICE <b>146.76/R</b>	6	7 MS150
8	9	10 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	11	12 8 p.m. LEARA VOICE <b>146.76/R</b>	13	14
15	16	17 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	18	19 8 p.m. LEARA VOICE <b>146.76/R</b>	20	21 TRI CLE Rock&Roll Run
22	23	24 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	25	26 8 p.m. LEARA VOICE <b>146.76/R</b>	27	28 ZERO Prostate Cancer 5k
29 Bike Cleveland Fundo	30	31 7:15 p.m. ARES 80m OSSB 7:30p.m. <b>LEARA</b> <b>meeting</b> 8 p.m. OHDN	1	2 8 p.m. LEARA VOICE <b>146.76/R</b> Geauga Fair	3  <b>September</b> Geauga Fair	4 Geauga Fair

**LAKE ERIE AMATEUR RADIO  
ASSOCIATION  
TRUSTEES' MEETING MINUTES**

Saturday, 10th July 2021, held  
virtually in a Zoom Video Conference  
(Subject to Revision)

**Attendance:**

Bryan N8OOF, Eric N8AUS, Eddie KD8FTS,  
Robert KE8CEO, Steve K8SAS, Marv W8AZO

**Trustees Excused:**

Jeff N8YNR, Ted W8IXY, Jon KM8V

**Guests:**

Carsten KD8WBB, Carl KB8VXE

**1. Call to Order**

Meeting was called to order at 9:12 a.m. by  
Bryan N8OOF. Steve K8SAS volunteered to  
record minutes. HAC was thanked for  
allowing this meeting on their Zoom account.

**2. May minutes**

Corrections to last meeting's minutes: Eddie  
Stevens' last name was corrected. Motion to  
accept minutes by Steve K8SAS seconded by  
Eric N8AUS, voted on and accepted.

**3. Membership Report**

Marv W8AZO – no change from last month.  
140 Total.

**4. Treasurer's Report**

Jeff N8YNR - Same as last time, no change.

**5. Venue Chair's Report**

Eddie KD8FTS – The July picnic would  
probably go up in price per person, as are all  
food prices, by about 1 to 2 dollars a person.  
Price was set at 15 dollars and club would  
pick up any increases. Eric motioned we  
accept the pricing and was seconded by  
Steve. Vote passed. Food will be same as the  
trays provided in 2019 from same vendor.

Regular club in person meetings at  
restaurants was discussed and the possibility

of menu pricing will be higher possibly by 5  
dollars. We will find out when this becomes  
a reality again. No location set up for August  
due to uncertainties of times.

Marv mentioned that a sign had been placed  
at the Harriett Keeler Pavilion that it cannot  
be reserved by first come first served.. Eddie  
mentioned that we could just take table  
cloths and set up tables needed with some  
items on them. Marv will take this into  
consideration.

**6. Program Chairman Report**

Eric N8AUC - Non for July's meeting but will  
be working August's program.

**7. Technical Committee**

David AD8G and Bill K8SGX have done an  
outstanding amount of work on the 76  
repeater and now have it placed on the air.

All reports coming into them are very  
encouraging. Signal and sound is just about  
perfect according to David and he still wants  
to do some tweaking and set up the NWS  
warning alerts as it is used for SkyWarn. His  
report came via emails as he was enroute to  
the site to work on it, but could not get into  
the building.

**8. Nomination Committee Report**

Jon KM8V, Eddie KD8FTS, Jeff N8YNR and  
Eric N8AUC have not contacted anyone yet.  
They will get together to discuss possible  
members. It was noted by Bryan that Steve  
– K8SAS has respectfully declined running  
again.

**9. Old Business**

None

**10. Adjournment**

After no further discussions, motion was  
made by Eric to close the meeting and was  
seconded by Marv. Voted on and accepted.  
Meeting was adjourned at 10:30 a.m.

Respectfully submitted,  
**Steve - K8SAS**

July 2021

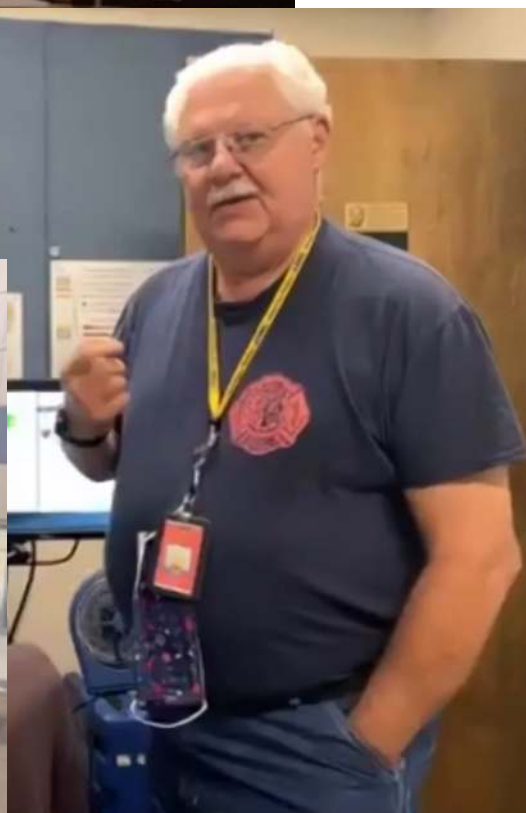
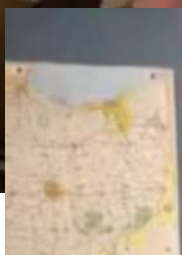
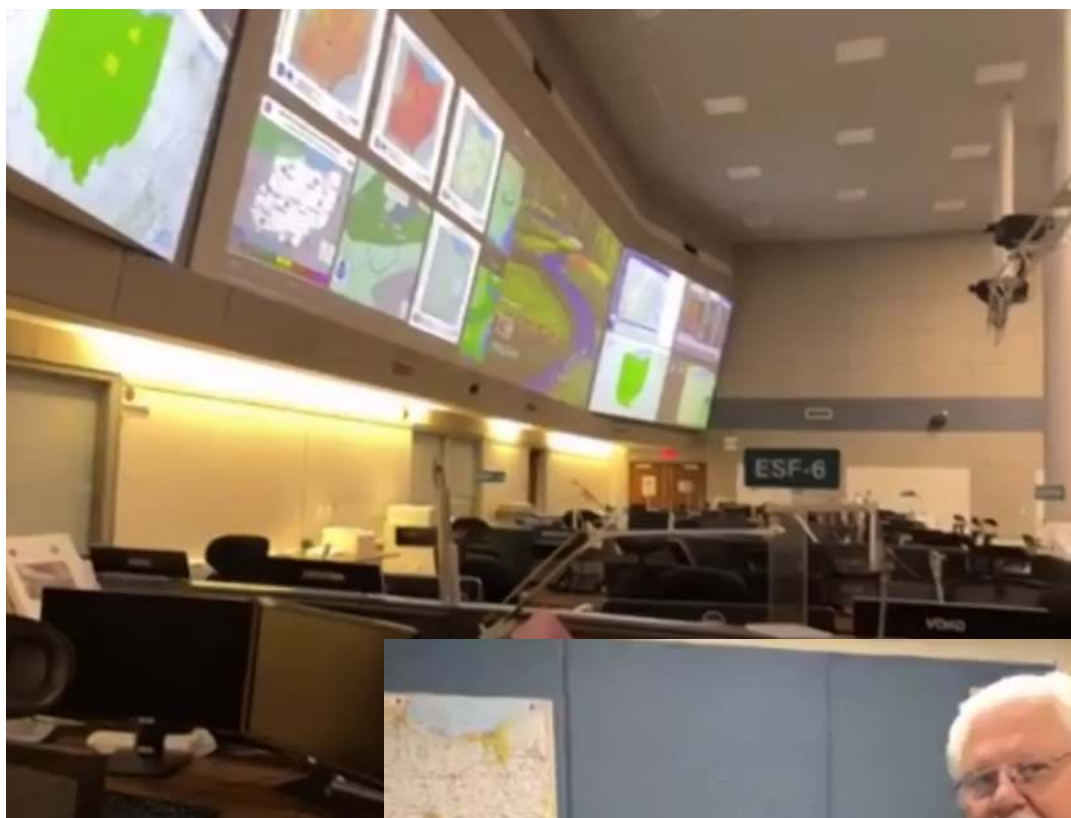
The Spirit of '76 and '88 ~ 50 Years of Service to the Community



# Inside tour of "the Sarge" W8SGT

Presented by Stan, N8BHL

29th June 2021





Zoom Video Conference  
Room  
sponsored by  
**Hamfest Association of  
Cleveland.**  
We say **THANK YOU.**



## WISA Woodsat Successfully Completes Stratospheric Test Flight

06/16/2021 - from: <http://www.arrl.org/news/wisa-woodsats-successfully-completes-stratospheric-test-flight>

The world's first wooden CubeSat successfully completed a test flight into the stratosphere in June. WISA Woodsat is constructed using birch plywood panels in a 1U configuration measuring 10 centimeters square. Nine small solar cells will power the satellite, which will orbit at an altitude of 500 – 550 kilometers. The novel spacecraft will carry several amateur radio experiments as well as photo downlinking, including selfies. A goal of the project is to determine how well wood products will perform in space.

During the recent test, a functional model of the WISA Woodsat climbed 19 miles into the sky tethered to a weather balloon. The satellite's camera captured a "selfie" video of the balloon bursting. A parachute deployed to take the nanosatellite back to Earth, where it was recovered intact, lodged in a spruce tree.

The test satellite and a duplicate "spare" version, were manufactured at UPM Plywood's

Savonlinna, Finland, factory. The company sells its construction-grade panels under the WISA trademark. The panels were thermo-vacuum dried and processed on a CNC machining center.

The wooden satellite is based on a basic, versatile CubeSat format, Kitsat, which is designed with educational use in mind.

As the sponsor quipped, "WISA Woodsat will go where no wood has gone before. With a mission to gather data on the behavior and durability of plywood over an extended period in the harsh temperatures, vacuum and radiation of space in order to assess the use of wood materials in space structures."

Once in orbit, Woodsat will be able to extend its selfie stick to capture photographs of the wooden box as it hurtles through space at 40,000 kilometers per hour (24,800 miles per hour. This will allow the mission leaders to monitor the impact of the environment on the plywood.

The satellite would downlink its telemetry and images from two cameras using amateur radio frequencies. In addition to testing plywood, the satellite will demonstrate accessible radio amateur satellite communication; host several secondary technology experiments; validate the Kitsat platform in orbit, and popularize space technology.

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## LEARA — The Lake Erie Amateur Radio Association

More than **50 YEARS** of Serving Greater Cleveland Since 1969

### VOICE REPEATERS:

<b>146.76/R-</b>	• Highland Hills	(Requires 110.9 Hz tone)
<b>146.88/R-</b>	• Lakewood	(Requires 110.9 Hz tone)
<b>224.90/R-</b>	• Lakewood	(Requires 141.3 Hz tone)
<b>444.40/R+</b>	• Macedonia	(Requires 131.8 Hz tone) (Offline)
<b>444.70/R+</b>	• Lakewood	<b>Digital System Fusion</b> & Analog (Req. 131.8 Hz tone)

### INTERNET:

- [www.leara.org](http://www.leara.org)
- To subscribe via e-mail, send a message to: **spirit76-request@leara.org**  
Put "**subscribe**" in the subject area and your name and call sign in the body.  
Those who subscribe via e-mail will not receive a paper copy of the newsletter.