

SHORT SKIP - FROM THE PARADE STAND

By Tim McGillen/N9CA 2023 LCARC President

June 2023 issue

*Click on [blue or underlined wording](#) to open the internet topic links

June's Club Meeting: June 9th (always the 2nd Friday of the month) at 7:30PM. The Program will be "*Listening to Earth's Ionosphere, Magnetosphere*", and *Space Itself*"

LCARC meetings are now on the 4th floor of the 7 story EMA/Lake County health department building at 2900 W. 93rd Ave Crown Point Indiana.

Ample parking. Handicap accessible, and you do not need to be a LCARC member to attend.

Don't be left out. New Club members receive both 2023 and 2024 Club membership for just \$20.

The LCARC Information NET Every Wednesday - at 8:00pm. 147.000 and 442.075 (pl 131.8) Informal, informative, and fun. A great way to stay connected with local hams in 30 minutes. *You do not need to be a Club member to check in.*

The ARRL and FEMA Have Signed an Agreement: Reinforcing That Ham Radio is as Relevant as Ever

[ARRL \(aka\) The National Association for Amateur Radio®](#) has entered into an updated [Memorandum of Agreement](#) (MOA) with the Federal Emergency Management Agency (FEMA).

The agreement will enhance cooperation between ARRL's emergency communications program, the [Amateur Radio Emergency Service® \(ARES®\)](#), and



FEMA

FEMA in providing disaster communications. The agreement emphasizes the importance of skilled Amateur Radio Operators in times of crisis and the role of ARES leadership within the emergency communications space.

ARES (www.arrl.org/ares) is a network of trained Amateur Radio Service licensees organized across the country to provide communications and other support to [served agencies](#), such as local governments, hospitals, and disaster response charities. More than 20,000 ARES volunteers actively participate in the ARRL program. In 2022, they provided more than 420,000 labor hours.



Each member of ARES has specialized training in emergency communications. Many have also completed training in the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

In March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance, which [includes radio amateurs in the response ecosystem](#) and national emergency preparedness



Monday FM NET 7:00pm N9IAA/r 146.685 pl 173.8
Wednesday FM NET 7:00pm W9SRC/r 146.640 pl 107.2

ARES - District 1 – Digital HF Net E-vite

From: [Allen Bottorff](#) ac9eb

To: aresd1@groups.io

The Net's Purpose: To test your digital equipment or practice sending digital messages ... on various digital modes:

District 1 HF Digital net: Sundays at 8:00 P.M. Central time, on or about 3.582 USB (80 Meter Primary) alt 3.590 USB log-in using FLDIGI running Olivia 8/1000 **ARES membership not required*

Fldigi is a free software modem program for many of the digital modes used by radio amateurs today: CW, PSK, MFSK, RTTY, Hellschreiber, Olivia, and Throb.

Download free program at: <https://sourceforge.net/projects/fldigi/>

ARES

ARES D1 2 meter FM NET every Tuesday evening at 7:00pm. N9IAA repeater 146.685 MHz PL 173.8 **ARES membership not required*

ARES Indiana HF SSB Net Sunday 4:00 PM CDT – Look for it at 7.272 MHz +/- on LSB

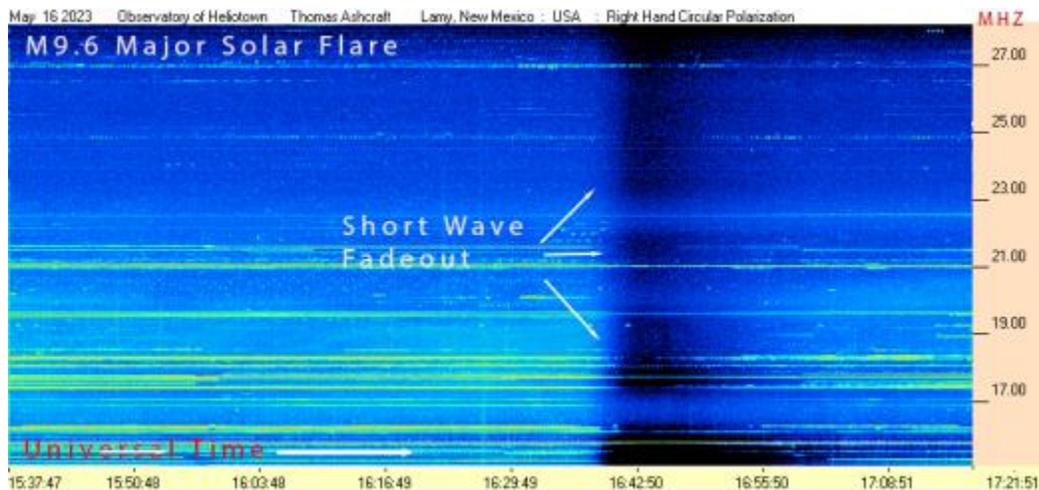
ARES On-Line EmComm WINLINK VARA Digital Training

<http://www.EmComm-Training.org>

MORE SOLAR FLARES COMING OUR WAY

How does a solar flare affect HF radio propagation? A flare's electromagnetic energy reaches Earth at the speed of light. It's X-Ray and UV radiation cause the Earth's "**D**" **layer** to suddenly increase in density absorbing HF radio waves and causing a deep shortwave radio blackout.

Where this black-out occurs on Earth depends on which part of the Earth is facing the sun at the time the flare strikes: map.

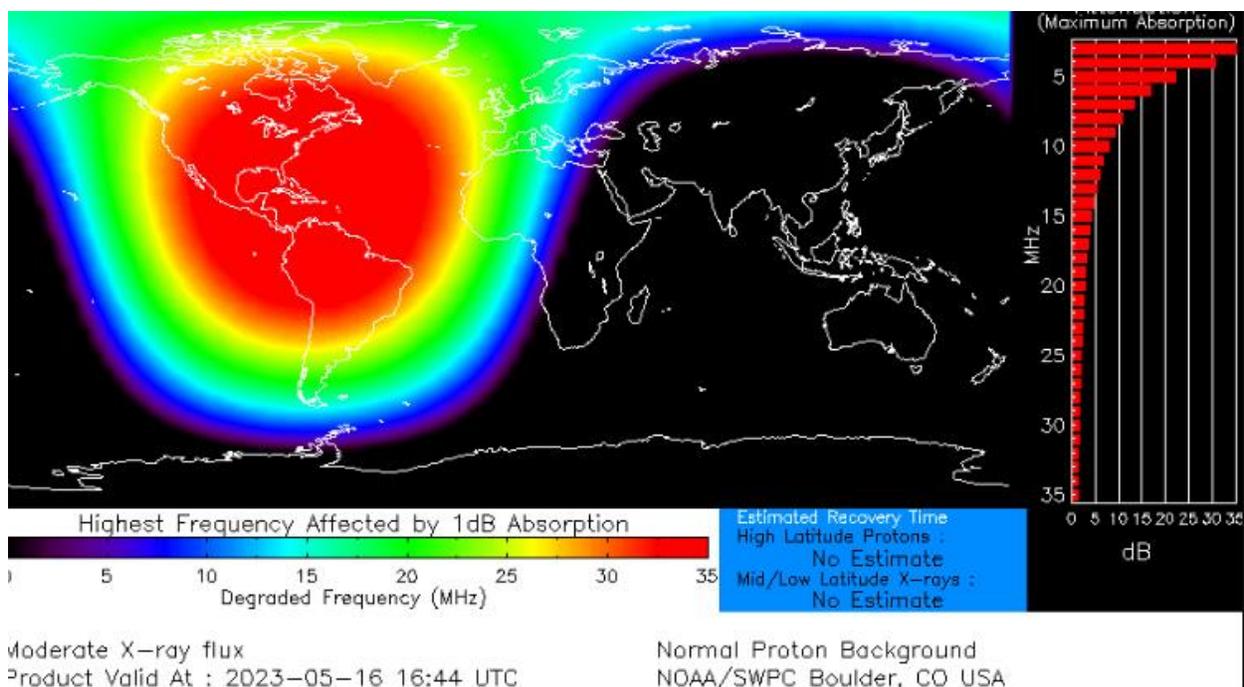


On the 10 meter band (30 Mhz), May 16th 2023, this recorded loss of HF signal strength lasted about 10 minutes. The attenuation was just 1 Db.

On the 80 meter band (4 MHz)... the same radio blackout lasted more than 20 min with 35Db of signal attenuation.

HF black-outs may last minutes to several hours, and they arrive without warning. The lower HF frequencies always get affected the most.

Alternate map of the same May 16th 2023 solar flare radio black-out.



FROM Spaceweather.com

MINOR GEOMAGNETIC STORM WATCH: NOAA forecasters say that a [G1-class](#) geomagnetic storm is possible on **June 2nd** when a stream of solar wind is expected to hit Earth's magnetic field. This should raise the MUF for higher HF bands including 6 meters. G class storms range G1 thru G5

For Sale: May 24th E-Mail To The LCARC - [W9LJ.org](#)

From: Sandy Ores sandy.ores@hotmail.com

Hi,

We have to get rid of our tower! It is taken down, but shortly we need to put up a fence and it would be best to remove the tower completely off premises before the fence goes up. If you know anyone looking for a tower like this, please let us know.

It is a 54 foot Tri-Ex Crank up tower. The height nested is 21 feet. It is a free standing tower (no need for guys or aids).

As to price: we are willing to negotiate. We are located in St. John, Indiana. Purchaser must have their own means of carrying it off the property, since we cannot deliver. If you know of someone, can you get their contact information and we will reach out to them.

Thank you.. KA9GMB .. Sandy Ores sandy.ores@hotmail.com

ARRL Contests this June 2023 www.ARRL.org

June 3-4 [International Digital Contest](#) Amateurs worldwide contact and exchange QSO information with other amateurs using any digital mode (excluding RTTY) that supports the 4-digit Grid Square exchange — attended operation only -- on the 160, 80, 40, 20, 15, 10 and 6 meter bands (Technicians are limited per FCC Rules to the 10 and 6 meter bands). Any station may work any other station. Stations may only be worked once per band, regardless of mode. Automated operation is not permitted -- each claimed contact must include contemporaneous direct initiation by the operator on both sides of the contact. Begins at 1:00pm Saturday June 3rd at 1:00pm

June 10-12 [June VHF](#) For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada. Begins Saturday 1:00pm CDT and ends Sunday evening

June 17th [Kids Day](#) Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grandkids, a Scout troop, a church or the general public!

Kids Day is designed to give on-the-air experience to young people and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children. Saturday only starts at 1:00PM CDT

[Suggested Exchange](#)- Name, age, location, favorite color, or video games. Be sure to work the same station again if an operator has changed. To draw attention, call "CQ Kids Day".

Suggested Frequencies: the upper ends of our HF ham radio phone bands through 80 – 10 meters (*On 10 Meters 28.350 to 28.400 MHz)

June 24-25 [Field Day](#) Field Day is ham radio's open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.

FAR-OUT FATHER'S DAY GIFT Have you ever wished your dad smelled like Jean-Luc Picard? Now, you can purchase bars of soap called "[Make it Soap](#)"! Scented like Earl Grey tea, with a picture of Patrick Stewart as Star-Trek's Captain Jean-Luc Picard. These bars of soap actually flew to Earth's stratosphere on May 26, 2023, onboard an Earth to Sky "Calculus" cosmic ray sampling balloon.



You can have it for \$99.95. The students of Earth to Sky are selling "[Make it Soap](#)" to support their cosmic ray ballooning program. Each bar comes with a greeting card showing the soap in flight and telling the story of its journey to the stratosphere... and back again!

LOCAL VE EXAM SESSION

06/10/2023 | Valparaiso IN 46383-4820

Sponsor: Porter County ARC

Location: Valparaiso Public Library

Time: Saturday **11:30 AM** (Walk-ins allowed)

LOCAL HAMFESTS COMING UP IN JUNE

- HAMFEST/CONVENTION
06/04/2023 - Starved Rock Radio Club Hamfest
Location: Mendota, IL
Type: ARRL Hamfest
Sponsor: Starved Rock Radio Club

HAMFEST/CONVENTION

06/11/2023 - 63rd Six Meter Club of Chicago Hamfest

Location: Wheaton, IL

Type: ARRL Hamfest

Sponsor: Six Meter Club of Chicago & Chicago Suburban Radio Association

Website: <https://hamfest.k9ona.com>

CONTESTS

www.contestcalendar.com

www.ARRL.org/contest-calendar *pick the month you wish

73, Tim/N9CA