



The Spirit of '76 and '88



August

Newsletter of the Lake Erie Amateur Radio Association

2012

Editor: Ken Kane, KG8DN

Nathan Stevens from Bulldog Explains The Care and Feeding of Rechargeable Batteries!

LEARA MEETS TUESDAY, AUGUST 28, IN THE BANQUET ROOM AT DINA'S

Round Six of LEARA's 2012 Restaurant-of-the-Month Tour resumes on the last Tuesday, August 28th. The new site chosen by the committee for August is the upstairs banquet room at Dina's Pizza and Pub in Brooklyn. (See details in the sidebars below.)

Our program guest speaker will be Nathan Stevens of Bulldog Battery in Willoughby. In his twenty-one years at Bulldog, Nathan and his colleagues have literally rebuilt thousands of battery packs!

"Nickel Cadmium, or Lithium Ion?" "Can I use my old charger if I switch?" "What about memory?" "How many charges will they take?" "Which one is better?"

Continued on Page 3



Dina's Pizza & Pub

5701 Memphis Avenue
Brooklyn, OH 44144
216-351-3663

dinaspizzaandpub.com

**Reservation
is due by
3 PM on
Mon. Aug 27!**



At Dina's:
For the LEARA meeting,
we will meet in the
banquet room upstairs.
**Please park in the
Best Cars parking lot
directly across the street on the
north side of Memphis.**

Some Directions to Dina's:

From I-480,
take Ridge Road northbound,
then Memphis eastbound.

OR

From I-71, take Clark-Fulton
southbound, then
Memphis westbound.

OFFICERS

Alex Manuk President	WD8JMM 216-459-8523
Gary Zimmet Vice President	WA8TJL 440-446-0402
Eric Jessen Vice President	N8AUC 440-734-3146
Bob Winston Secretary	W2THU 216-771-3314
Dave Foran Treasurer	WB8APD 440-942-0618
Eric Jessen License Trustee	N8AUC 440-734-3146

TRUSTEES

Jeff Kopcak	K8JTK k8jtk@arri.net
Ken Kane	KG8DN 440-338-8078
Bryan Torok	N8OOF 440-871-5456
Marv Grossman	W8AZO 440-248-0031
Jim Ozello	N8XDO 216-475-7218
Bill Hess	K8SGX 440-286-9779
Bill Schultz	AC8CO 216-765-1328
David Noeth	KD8ACO 216-932-8005
Mike Cegelski	K8EHP 216-252-6640
Jeff Garvas jeff@cia.net	N8YNR 216-496-3928

TRUSTEES EMERITI

Al Amster	W8TTY
Don Raith	N8DJG (SK)
Fred Collins	W8ADW(SK)
John Radney	KC8FOC(SK)
Pat Shreve	W8GRG (SK)
Al Severson	AB8P (SK)

POINTS OF CONTACT

Kelly Manuk "Sunshine"	KC8UIX 216-459-8523
Bill Hess Radio Officer	K8SGX 440-286-9779
Bryan Torok Radio Officer	N8OOF 440-871-5456

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 2nd Sunday of the month (except on months with 5 Sundays and Tuesdays, when the 3rd Sunday will be sufficient.)

Editor: Ken Kane, KG8DN

E-mail: editor@leara.org

Proofreading: TNX to

Marv, W8AZO and Jeff, N8YNR

Well, summer is winding down. Kelly and I took the girls school shopping last weekend, the unbearable heat of July has subsided somewhat, and we've had a bit of much-needed rain.

The main thing on my mind this month is ELECTIONS. I know, LEARA elections are a couple of months away, yet, but it's time for my annual plea.

LEARA's Board of Trustees is made up of 15 members, 5 of whom are elected every year, for 3 year terms. Each October, we give you the responsibility of choosing who you'd like to have guide the club during our election process. But there's another side of it I'd like to talk about.

Have YOU ever considered running for Trustee? Yes, YOU! You're interested in how the organization runs, you have some very valuable suggestions (and maybe a few constructive criticisms) and all you need is the forum to have them heard.

Well, throw your hat in the ring and join the Board! It's not that great a commitment. LEARA's Board meets 6 times a year, for about three hours at a time, to discuss the managerial aspects of the organization. We'd love to have you join us, and the way to do that is to RUN for TRUSTEE!

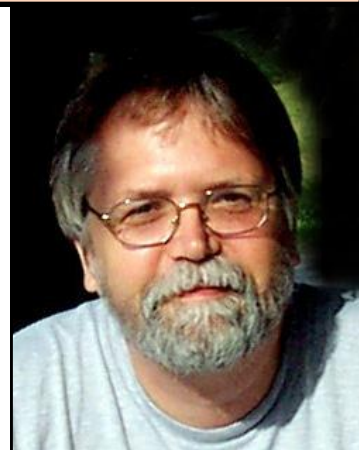
If you're interested, please **send me an email** and I'll be happy to nominate you. I can't promise lots of excitement, but there really is never a dull moment at a Board meeting. Besides, you'll be helping run the club the way YOU want it to be, and there's nothing better than that.

I missed out on all the public service events this past weekend, because of

(Continued on page 3)

The Prez Says

by Alex Manuk, WD8JMM



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. Annual membership is \$25.00. **LEARA's address** is: LEARA, PO Box 22823, Beachwood, OH 44122-0823.

LEARA is an **ARRL**-affiliated club. When you join or renew the **ARRL**, **LEARA** benefits monetarily if you so through the club. Send **ARRL** Applications/renewals to Club Treasurer Dave Foran, WB8APD, 5439 Nan Linn Dr. Willoughby, OH 44094-4365. 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. The LEARA newsletter usually arrives near the middle of the month. Dinner is served at 6:30 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are typically required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

Trustees' Meetings are on the second Saturday of odd numbered months at 9 AM in a first floor room at the Highland Hills Village Hall, 3700 Northfield Road. Meetings are open to all current members of LEARA.

(Continued from page 2)

commitments at my church, but I did manage to listen to the repeaters from time to time and it sounded as though things were running along pretty smoothly. LEARA has a great group of volunteers who love to take part in these events, but we can ALWAYS use more people!

**Prez,
cont.**

Last but not least, I'm scheduling a visit to the '88 site, possibly this weekend, to try to iron out the IRLP trouble. I had an opportunity to look over the configuration files last week and there are a couple of changes I'd like to try. Wish me luck as I work toward FINALLY getting the west side site back to 100% functionality.

August's meeting is at Dina's Pizza and Pub (don't let the name scare you, they really do have 'Good Eats') which is in my neck of the woods. Come on out for yet another experience of the LEARA 2012 road show. Hope to see you there!

de Alex WD8JMM

-AR-

(Continued from page 1)

Nathan will be there with us at Dina's to answer these and the many other questions that we radio folks have encountered over the years.

At the restaurant in the upstairs banquet room, your \$20 will cover dinner and soft drinks. This also includes your tax and gratuity. When you register, please **indicate which main entrée** you prefer, either...

Breaded Marinated Chicken Breast or Swedish Meatballs

The buffet will also include the following menu items:

Green Beans Almandine, Tossed Salad, Penne Pasta, Garlic Pizza, Soft Drinks, Coffee and Water

Bar drinks may be purchased at the downstairs bar as you enter.

**RESERVATIONS ARE REQUIRED BY
3:00 PM ON MONDAY, AUGUST 27!**

Please call in your reservation and your choice of main entrée to Marv Grossman, W8AZO, on his phone line, **440-248-0031**, where he can receive messages.

Alternatively, you can visit the LEARA Club website at www.leara.org and complete the requested blanks in the dinner reservation section on the website....

Dinner is at 6:30 PM and the program begins near 7:30 PM Find out what this month's speaker and restaurant have in store by joining us on Tuesday evening, August 28, at our meeting at Dina's in Brooklyn. **-AR-**

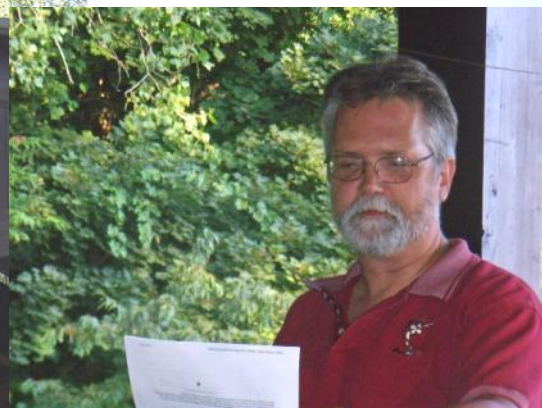
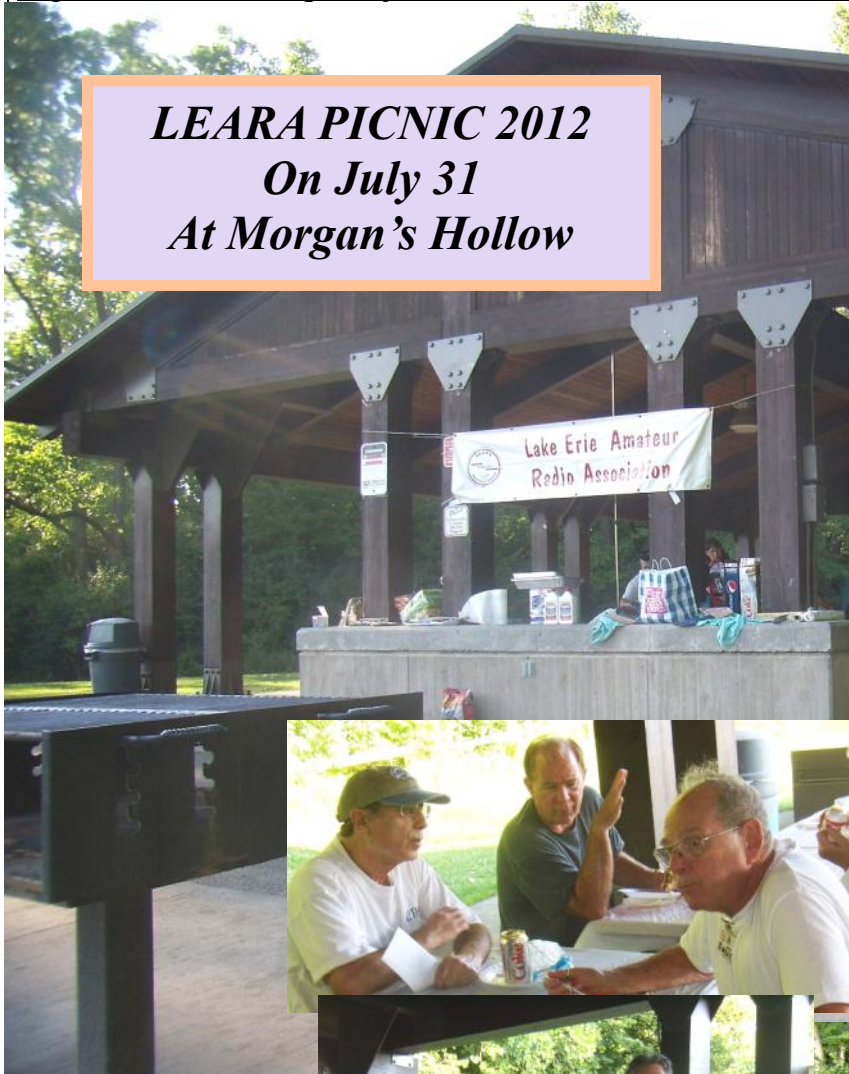


Nathan from Bulldog at Dina's, cont.

Your LEARA Summer - Fall Calendar

August 28, 2012	LEARA—Battery Care & Feeding	Dina's Pizza & Pub in Brooklyn, OH
September 27, 2012	LEARA Meeting - TBA	Rider's Inn, Painesville, OH
October 30, 2012	LEARA Meeting - Election Night	Mimi's Family Restaurant, Parma
November 27, 2012	LEARA Holiday Dinner Party	TBA

LEARA PICNIC 2012
On July 31
At Morgan's Hollow





***LEARA PICNIC 2012
On July 31
At Morgan's Hollow***

Volunteer Exam Dates and Locations

from www.arrl.org

08/19/2012 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

Time: 1:00 PM (Walk-ins allowed)

[Learn More](#)

08/21/2012 | [Akron OH 44314-3614](#)

Sponsor: Pioneer AR Fellowship

Location: Akron Baptist Temple

Time: 6:30 PM (Walk-ins allowed)

[Learn More](#)

09/09/2012 | [Independence OH 44131-4841](#)

Sponsor: Cuyahoga ARS

Location: Town Hall

Time: 9:00 AM (Walk-ins allowed)

[Learn More](#)

09/13/2012 | [Stow OH 44224-4097](#)

Sponsor: Cuyahoga Falls ARC

Location: Stow-Munroe Falls Public Library

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

[Learn More](#)

09/16/2012 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

Time: 1:00 PM (Walk-ins allowed)

[Learn More](#)

09/23/2012 | [Berea OH 44017-2524](#)

Sponsor: Hamfest Assoc. of Cleveland

Location: Berea Public Library

Time: 2:00 PM (Walk-ins allowed)

[Learn More](#)

09/23/2012 | [Newton Falls OH 44444-1639](#)

Sponsor: Warren ARA

Location: Newton Falls Community Center

Time: 6:30 PM (Walk-ins allowed)

[Learn More](#)

Upcoming Hamfests and Conventions

from www.arrl.org

08/19/2012 | [Warren ARA's Annual Hamfest](#)

Location: Cortland, OH

Type: ARRL Hamfest

Sponsor: Warren Amateur Radio Association

Website: <http://www.w8vtd.org>

[Learn More](#)

08/26/2012 | [Western PA Section Convention](#)

Location: New Kensington, PA

Type: ARRL Convention

Sponsor: Skyview Radio Society

Website: <http://www.skyviewradio.net>

[Learn More](#)

09/09/2012 | [Butler Swapfest](#)

Location: Butler, PA

Type: ARRL Hamfest

Sponsor: Butler County ARA

Website: <http://w3udx.org>

[Learn More](#)

09/09/2012 | [Findlay Hamfest](#)

Location: Findlay, OH

Type: ARRL Hamfest

Sponsor: Findlay Radio Club

Website: <http://w8ft.org>

[Learn More](#)

09/16/2012 | [Adrian Hamfest](#)

Location: Adrian, MI

Type: ARRL Hamfest

Sponsor: Adrian Amateur Radio Club

Website: <http://www.w8tqe.com/hamfest.htm>

[Learn More](#)

09/22/2012 | [EmComm East \(CANCELLED\)](#)

Location: Rochester, NY **(Next is in Fall of 2013)**

Website: <http://emcommeast.org>

[Learn More](#) **(Read more at Website above...)**

09/23/2012 | [Cleveland Hamfest and Computer Show](#)

Location: Berea, OH

Type: ARRL Hamfest

Sponsor: Hamfest Association of Cleveland

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

[Learn More](#)

Thanks again to one and all for your participation in keeping the LEARA Thursday Night Club Net active and alive. Member participation in this weekly net is greatly appreciated ... and rewarded! Each week, every LEARA Thursday Club Net check-in receives one extra chance in the grand prize drawing to be held at the November dinner meeting. Good Luck!

As a reminder, the LEARA Club Net Activity Log can be found under the "Nets" page on the LEARA website (see <http://www.leara.org/nets/leara-club-net-activity-log>). This activity log is updated periodically with information from the LEARA Thursday Night Club Net, including past trivia questions and answers. Check-out the LEARA Club Net Activity Log to see what you may have missed.

Wednesday Skywarn Practice Net

Skywarn practice nets are on the 146.76 (- offset, 110.9 PL) repeater and will continue on Wednesday nights at 8:00 PM local time until the last week in October. Everyone is welcome! The 146.88 (- offset, 110.9 PL) repeater is used as a backup. Skywarn nets may be activated on one of these repeaters anytime threatening weather is approaching.

Thursday Club Net

The Lake Erie Amateur Radio Association's weekly club net is held every Thursday evening at 8:00 PM local time on the 146.76 (- offset, 110.9 PL) repeater. This is an open and informal net intended to provide the opportunity to test radio equipment, promote fellowship among local amateur radio operators, and develop radio traffic handling skills. You do not have to be a member of LEARA to participate.

Since the club net is a practice and informal net, LEARA would like to recognize those who take the time to check in and keep the net active and alive. During the past month, the weekly Thursday Night Club Net had a total of ninety-two (92) check-ins from forty-two (42) different stations. The following were reported by our net control stations to have participated:

Bill AC8CO, Arp K8ARP, Mike K8EHP, Jeff K8JTK, Steve K8SAS, Bill K8WHB, Fritz K8WLF, Bill KA8VIT, Lilly KB8MHZ, Greg KB8PEC, Doug KB8TGT, Leone KB8VBR, Carl KB8VXE, Mark KC8FQV, Helen KC8IKK, Chris KC8SBZ, Jeanne KC8TJH, David KD8ACO, Eddie KD8FTS, Leon KD8NVX, Andy KD8SCV, Ken KG8DN, Bob N3IYI, Eric N8AUC, Rick N8BY, Dean N8DEA, Tom N8ETP, Tom N8UAZ, Bill N8UPZ, Dave N8UUC, Jeff N8YNR, Don ND8B, Bob W2THU, Donna W8DMP, Tom W8TAB, John WA8LGM, Gary WA8TJL, Dick WA8TPP, Linda WB8QLT, Ed WB8ROK, George WD8GEO, and Jim WD8JEL.

Net Control Stations: David KD8ACO, Bob W2THU, and Jeanne KC8TJH.

LEARA "On The Air"

Club Net Information
by David Noeth, KD8ACO



Upcoming NCS assignments are:

8/16/12	Ken	KG8DN
8/23/12	Jeanne	KC8TJH
8/30/12	Matt	W8DEC
9/6/12	Bob	W2THU
9/13/12	Ken	KG8DN
9/20/12	Bill	AC8CO
9/27/12	Eric	N8AUC

The Thursday Club Net promotion encourages participation in both the weekly club net as well as the monthly LEARA membership meetings. Specifically, any individual who checks into the Thursday Club Net will be given one extra chance in the grand prize drawing to be held at the November dinner meeting. This extra chance will be given in addition to any other grand prize drawing chances the individual has already accumulated. Each week, every LEARA Thursday Club Net check-in receives one extra chance in the grand prize drawing. Please see additional details regarding the new grand prize drawing in the May 2012 issue of the newsletter.

Thursday ARES Digital Communications Net

The ARES digital communications net is held on the 146.76 (- offset, 110.9 PL) the second Thursday of every month at 9 PM local time. David Schultz, AD8WS, can be contacted for further information concerning this net.

Friday SSTV Net

The Lake Erie Amateur Radio Association's weekly slow scan TV net is now on summer break. Why not give the Thursday ARES digital communications net a try (see above for details), until the SSTV net resumes?

Wanted! Net Control Stations

We now have seven Net Control Stations for the Thursday evening LEARA Club Net. There's always room for more stations who would like to give it a try. Any member of the Lake Erie Amateur Radio Association can be a net control operator for one or all of the nets held on one of the club's repeaters. Please send me an email at kd8aco@leara.org, if you are interested. Hope to talk with you "on the air" soon!

de David, KD8ACO

-AR-

Lorain County Wireless Operators (LCWO)

Will Operate From

The Lorain Harbor Light, US0143

on

International Lighthouse Lightship Weekend

August 18 & 19, 2012

LORAIN COUNTY OHIO, August 5, 2012 –

The LCWO is pleased to announce its first group project. LCWO, in conjunction with the Lorain Lighthouse Foundation, Inc. will operate NW8S from the Lorain Harbor Light, US0143, in support of the International Lighthouse Lightship Weekend, this year on 18 & 19 August 2012.

The goal of the event is to “Promote public awareness of lighthouses and lightships and their need for preservation and restoration, and at the same time to promote amateur radio and to foster International goodwill. Lighthouses are fast becoming an endangered species with the introduction of Global Positioning Systems and Satellite Navigation and the automation of the light source to solar power which has resulted in the withdrawal of management personnel (Keepers). It is hoped that this event will highlight this situation and help prevent further desecration of these magnificent structures all around the world.” (Source: International Lighthouse Lightship Weekend, <http://illw.net/>)

This will mark the first time an amateur radio station has operated from the lighthouse and the first time in decades that the lighthouse will be occupied overnight.

There are three light structures in Lorain Harbor. From east to west:

**Lorain East Detached Breakwater Light
Lorain Middle Breakwater Light
Lorain Harbor Light.**

The US Army Corps of Engineers completed the lighthouse in 1917 resting it in 30' of water in wooden cribs filled with sandstone then later encasing its base in concrete. The original focal plane, at 58', was a Forth Order Fresnel Lens which could be seen for approximately 15 miles out on Lake Erie.

The USCG manned the lighthouse from 1939 thru 1965. In 1965 it was decommissioned and slated for demolition. After falling into years of disrepair & vandalism, and an uncertain fate, a group of concerned citizens formed the Port of Lorain Foundation, Inc. saving the lighthouse from the wrecking ball. Currently restoration efforts are underway to return the lighthouse to her status as “Jewel of the Port”

Further Information:

www.nw8s.com and

www.lorainlighthouse.com

Or contact Jeff Evans, KB8ZUN:

kb8zun@gmail.com

Best Regards,

Jeff, KB8ZUN

**LORAIN LIGHTHOUSE
FOUNDATION**

“Jewel of the Port®”
Port of Lorain Foundation, Inc.



“Have I Got a Radio for You!”

Please contact LEARA member, Al - W8TTY, if anything in the following list fills your need.

I have the following Motorola hand-held radios and accessories for sale:

- 2 - Visar H05KDD9AA4DN 136-178MHz \$75.00 Ea.
- 1 - Visar H05RDH9AA7DN 403-470MHz \$75.00 Has T/T Front
- 1 - Visar H05RSH9AA4DN 450-520MHz \$75.00 (Tunes ham bands)
- 6 - Dual Chargers - \$20.00 Ea. - Must Go With Radio
- 1 - SABER II H44SAJ7139CH 403-433MHz \$50.00
- 1 - SYSTEM SABER III H44TUK5170CN 403-433MHz \$60.00
- 1 - SYSTEM SABER III 440-470 MHz \$60.00
- 5 - SINGLE CHARGERS - \$15.00 Ea. - Must Go With Radio

ALL batteries are questionable.

Both styles of radio can be programmed with a computer that will run DOS.
98 se works fine. Programming cables are available if needed.

Al – W8TTY

Phone: 216-752-2398

Cell: 216-387-7711

Email: di@dim-int.com



MOTOROLA

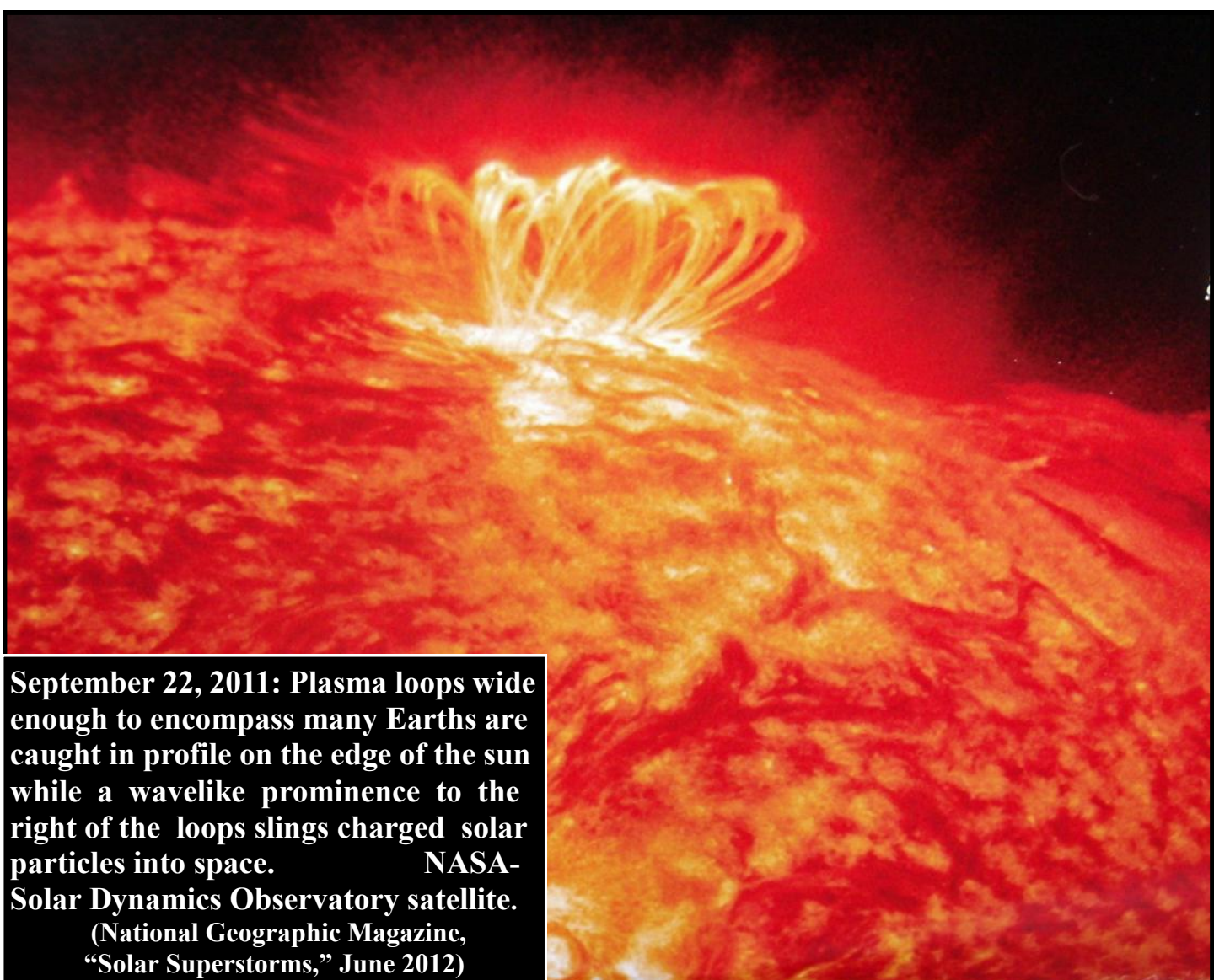


MOTOROLA

ARES® LATE-SUMMER CALENDAR

Amateur Radio Emergency Service—District 10 and Cuyahoga County

8 PM on 1st & 3rd Tues.	Cuyahoga ARES® Net (voice)	145.410/R-
7 PM on 2nd & 4th Wed.	ARES® District 10 Net (voice)	147.015/R+
9 PM on 2nd Thursday	Cuyahoga ARES® Net (digital)	146.76/R- (after the club net)
August 19, 2 to 4 PM	Cuyahoga County ARES® Meeting	Maple Heights Branch, CCPL
September 8, 2012	Hopkins Mass Casualty Drill	N8AUC@arrl.net
September 22, 2012	EMCOMM EAST, Rochester, NY	CANCELLED (See p. 6)
September 23, 2 to 4 PM	Cuyahoga County ARES® Meeting	Maple Heights Branch, CCPL
November 3, 2012	Ohio ARES® - Reynoldsburg, OH	Link to Conference Website



September 22, 2011: Plasma loops wide enough to encompass many Earths are caught in profile on the edge of the sun while a wavelike prominence to the right of the loops slings charged solar particles into space. NASA-Solar Dynamics Observatory satellite.
(National Geographic Magazine, "Solar Superstorms," June 2012)

LEARA — The Lake Erie Amateur Radio Association

- 43 Years of Serving Greater Cleveland Since 1969 -

VOICE REPEATERS:

- | | |
|-----------------------|--|
| 146.76/R- | • Highland Hills (Requires 110.9 Hz tone) |
| 146.88/R- IRLP | • Lakewood (Requires 110.9 Hz tone) IRLP Node 4282 |
| 224.90/R- | • Lakewood (141.3 Hz tone) |
| 444.40/R+ | • Macedonia (Requires 131.8 Hz tone) |
| 444.70/R+ | • Lakewood (131.8 Hz tone) |

PACKET NODES: CLE1 145.01 MHz: CLE5 145.05 MHz: CLEV220 223.70 MHz

These nodes are part of the Cleveland Net Cluster in K8EIW's backbone system.

INTERNET:

- 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 *callsign* in the body.
Those who subscribe via e-mail will not receive a paper copy.