



# The Spirit of '76 and '88



Newsletter of the Lake Erie Amateur Radio Association

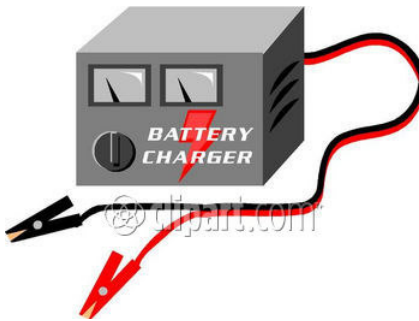
Editor: Bryan A. Torok, N8OOF

Publisher: Jeannie St. Marie, KC8MNW

**This Month's Meeting — May 29, 2007**

## The Secret of Life of NiCad, NiMH, Li-Ion (aka ~~Revenge~~ Return of the Battery Guy)

Many of you will be familiar with our speaker for the May meeting, **Mr. Richard Price from Bulldog Battery**. It's a sure bet quite a few of you have even done business with him, since he's an expert on all kinds of batteries, from the latest high-tech to the kind they just don't make any more. Come hear all about the care and feeding of batteries, along with what's new, what's hot and what is not-so-hot.



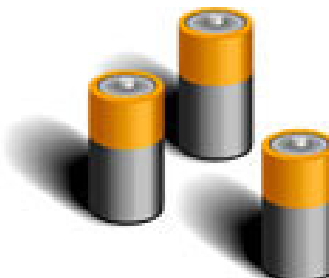
With the price of replacement batteries (have you priced replacement battery for your laptop or HT lately?) you can't afford to miss this meeting. So make your reservations and join us for dinner, or come later for the presentation. Just circle your calendars now and we'll see you at the meeting!

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The meeting will be held at Dimitri's Restaurant, 1830 Snow Rd., Parma, Ohio (in the Mid-Town Shopping Center, just west of Broadview Road). Dinner will be served at 6:30 PM and the formal meeting will begin around 7:30. Meetings are open to all interested persons. You may attend without eating, but reservations are required if you do wish to eat.

Restaurant service is available only for those who purchase dinner. If you are attending the meeting only, kindly purchase beverages at the bar and bring them to your table. The dinner menu will consist of Steak, Broiled Boston Scrod, or Chicken Parmigiana for **\$16**. Also available is a vegetable and pasta dish for those who prefer a meatless dinner. The dinner includes a salad, main course, dessert, ice tea or coffee, and gratuity (please note, bar service and soft drinks are not included).

**RESERVATIONS ARE REQUIRED BY 11:00 AM OF THE MEETING DATE.** Please call in your reservation and your menu choice to Marv Grossman, W8AZO, at 440-248-0031. You can also visit [leara.org](http://leara.org) and make your reservation through the club's website.



### May 2007

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<p>The <i>Spirit of '76 &amp; '88</i> is published monthly except in December. Contributions must be received before 9:00 on the 2<sup>nd</sup> Sunday of the month. The newsletter is sent to the publisher on the second Monday of the month</p> <p><b>Editor:</b> Joe Prokop, KC8RAN</p>	

## de N8AUC



When I was a little kid, we were fortunate to be able to take some really long family vacations. These were usually traveling by car, towing a little pop-up camper trailer. Remember those old Ford Station Wagons from the 60's and 70's? The ones with the fake wood grain stuff on the sides? Yeah my dad had one of those. By today's standards they were monster trucks. Huge V-8 engines, full frames, and you could easily tow 5000 pounds

with just a car if you had a big enough trailer hitch. So although they looked kinda dorky, they were way more car than we can buy these days. Anyways, the real point of bringing that up was that one of the things my mother used to say to three bored kids who'd been in the backseat for too long was, "Ooooh look there's (fill in the name of any random small town you've never heard of). Don't blink or you'll miss it!!!! "

That last part is this month's theme. Don't blink or you'll miss it.

First off, I want to thank Joe, KC8RAN for his service as Newsletter Editor. He's stepping down for a while due to personal reasons. Thankfully, Bryan N8OOF is stepping into the breach to temporarily pick up the slack. Then in June, we'll have another guest newsletter editor. Keep your eyes peeled, and stay tuned.

Things happen fast around here during this time of year. Dayton Hamvention is one of those things. Very cool. Highly recommended.

Then there's the Westlake Soccer Tournament. Due to a quirk in the surgical scheduling at the Cleveland Clinic, I will be working WIST this year, and I need all the help I can get from as many of you as can possibly help. I know it's Memorial Day Weekend, but you could be one of the lucky ones who get to see me just before I get filleted. The tournament is a blast, and you will have a good time.



(Continued on page 3)

**LEARA** is a not-for-profit organization dedicated to Amateur Radio and to 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 \$18.00. **LEARA's address** is: LEARA, PO Box 22823, Beachwood, OH 44122-0823.

**LEARA** is a 501(c)(3) organization, eligible to accept charitable donations. Consult a tax advisor to determine how such donations may affect your taxes.

**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 at Dimitri's Restaurant, 1830 Snow Rd., Parma, OH (in the Mid-Town Shopping Center, just west of Broadview Road). Dinner is served at 6:30 p.m. The regular meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

**Trustees' Meetings** are held on the second Saturday of odd numbered months at 9:00 a.m. at the Parma-Snow Branch of the Cuyahoga County Public Library, 2121 Snow Rd., Parma, OH (opposite the Mid-Town Shopping Center). Meetings are open to all current members of LEARA.

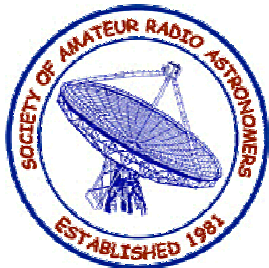
## Association News

### April Meeting Recap: Radio Astronomy

Last month's meeting topic was Radio Astronomy presented by Hal Braschwitz, W8PN. Hal is the Secretary of The Society of Amateur Radio Astronomers, and as such, he provided a wealth of information including two thick handouts.



It turns out that some of the most influential pioneers in the field of radio astronomy were amateurs and that amateur radio operators are still doing significant work and making significant contributions to the science and our understanding of the galaxy and beyond. In fact, even though man has been studying the night sky in the visible light spectrum for millennia, only a small fraction of what science knows today has come from that. A far greater understanding has come from studying the radio spectrum.



More info can be obtained on the internet at:

Society of Amateur Radio Astronomers  
<http://radio-astronomy.org>

National Radio Astronomy Observatory  
<http://www.nrao.edu>

Pisgah Astronomical Research Institute  
<http://www.pari.edu>

SETI League  
<http://www.setileague.org>

The latest issue of the Journal of the Society of Amateur Radio Astronomers (SARA) which includes as a featured item an interesting article on the 40th Anniversary of the Discovery of Pulsars by radio astronomers is available at [http://radio-astronomy.org/publicat/2007\\_01.pdf](http://radio-astronomy.org/publicat/2007_01.pdf).

All things considered, Radio Astronomy is the ultimate in weak signal work. And, there are still exciting discoveries waiting to be made.

### Upcoming Meetings

- May 29** Richard Price from Bull Dog Battery
- June 23** Field Day, Cleveland Lakefront State Park, Upper Gordon Park
- July 14** Trustees' Meeting, Parma-Snow Library
- July 31** Picnic & Foxhunt with Mike K8EHP  
Ohio & Erie Canal Reservation: Canal Way Nature Center, Whittlesey Way, Cuyahoga Heights, off of E.40 near Grant Ave. and I-77.
- Aug 28** t.b.d., Contact Tom Bishop, W8TAB, with suggestions
- Sept 8** Trustees' Meeting, Parma-Snow Library
- Sept 25** Incident Management - Timothy R. Lanese, RPh, MBA, FASHP
- Oct 30** Election
- Nov 10** Trustees' Meeting, Parma-Snow Library
- Nov 27** Holiday Party

(programs subject to change, except for Field Day, Elections and Holiday Party)

### de N8AUC

*(Continued from page 2)*

Another highly recommended event.

Then later on we have the May club meeting, which I will not be able to attend. So, c'mon out to dinner at Dimitri's on the 29th and keep LEARA VP Jim "50/50" Ozello (N8XDO) company. Jim will be running the May meeting in my absence. Our guest speaker this month will be Richard Price from Bulldog Battery. He had to reschedule with us from earlier this year. Richard is not only extremely knowledgeable when it comes to the care, feeding, and proper use of batteries; he's a really good speaker as well. He won't readily admit to being a good speaker. But trust me, he is. You'll get a lot out of the May meeting. Very Cool! Highly Recommended! Have a Chicken Parm or a Steak for me, and hopefully I'll see you all in June!

Did I mention Field Day is next month???

- 73 de N8AUC

## LEARA Mission Statement

Below is the version of the club's mission statement, as submitted by Club VP Tom, W8TAB. This is a working document and may be revised.

### LAKE ERIE AMATEUR RADIO ASSOCIATION Mission Statement

LEARA's Mission is to promote and foster for its members the enjoyment of Amateur Radio.

The Club will do this by promoting the acquisition of knowledge through continuing education, licensing upgrades, the passion for ownership of Amateur Radio equipment and accessories, for collecting, and most of all, operating the Amateur Radio Equipment for which they are licensed.

We will accomplish our mission through the sponsorship of;

- Educational programs & courses
- Promoting license upgrades
- Continuing education courses for all the above
- Club sponsored events and activities
- Community Service & Public Service Projects
- Charity Projects
- By supporting Hamfests, trade shows and other amateur radio events
- By designing, installing and maintaining a comprehensive state of the art repeater network
- By promoting the training of amateur radio operators for emergency and public service, especially during periods of disaster or emergency

## Hamfest and Convention Listing

**May 18,19 and 20, 2007**

**Dayton Hamvention**

Details at [www.hamvention.org](http://www.hamvention.org)

**July 14, 2007**

**NOARSFEST**

Northern Ohio ARS

Wellington, OH

Lorain County Fairgrounds

Route 18

<http://www.noars.net>

Talk-In: 146.70- (open repeater)

Contact: Thomas Porter, W8KYZ

161 Herrmann Drive

Avon Lake, OH 44012

Phone: 440-930-9115

Email: [tporter161@oh.rr.com](mailto:tporter161@oh.rr.com)

**July 29, 2007**

**Portage Hamfair 2007**

Portage Amateur Radio Club, Inc.

<http://www.hamfair.com>

Randolph, OH

Portage County Fairgrounds

4215 Fairgrounds Road

Talk-In: 145.39 MHz -600

Contact: Joanne Solak, KJ3O

9971 Diagonal Road

Mantua, Ohio 44255

Phone: 330-274-8240

Fax: 330-274-8527

Email: [KJ3O@arrl.net](mailto:KJ3O@arrl.net)

**August 19, 2007**

**50th annual Warren Amateur Radio Association Hamfest**

Warren Amateur Radio Association

[www.w8vtd.org](http://www.w8vtd.org) or [www.kc8pvb.com](http://www.kc8pvb.com)

Warren, OH

Trumbull County Fair Grounds

899 Everett Hull Rd. Cortland, Ohio 44410

Talk-In: 146.970

Contact: Jacqueline Cassidy, KD8DNE

293 Maplewood Dr. Apt 307

Cortland, Ohio 44410

Phone: 330-240-1824

Email: [kd8dne@yahoo.com](mailto:kd8dne@yahoo.com)

**22 Sep 2007**

**ARRL Great Lakes Div Convention**  
[www.gldc.com](http://www.gldc.com)

**Preliminary Agenda:**

11:30 / 11:55 Opening of Convention

12:00 / 12:55 Seminars by Bob

Heil K9EID and Chip Margelli

K7JA, Heil Sound

**Room 1**

1:00/3:55 All about DX & DXpe-ditions

**Room 2**

1:00/1:55 Dan Miller, K3UFG

Emergency comm

2:00/2:55 ARDF-Bob Frey

WA6EZV & Dick Arnett

WB4SUV

3:00/3:55 AMSAT Jim Sanford

WB4GCS Eagle Project Manager

4:00 / 4:55 seminar - Antennas/

Contesting by Tim Duffy K3LR

5:00 / 5:55 Jim K8JE division

awards ceremony

6:00 / 7:00 social gathering

7:00 to closing banquet - speaker

Joel Harrison W5ZN President

ARRL

30/40 minutes for Wouff Hong at end

**23 Sep 2007**

**Cleveland Hamfest & Computer Show**

Hamfest Association of Cleveland, Inc.

<http://www.hac.org>

Berea, OH

Cuyahoga County Fairgrounds

164 Eastland Road

Talk-In: 146.73 MHz (PL 110.9)

Contact: William Beckman,

N8LXY

Hamfest Association of Cleveland, Inc.

PO Box 81252

Cleveland, OH 44181-0252

Phone: 800-CLE-FEST

Email: on Web site click on e-mail

## LEARA "On The Air" Club Net Information

### Weekly Club Net:

The Lake Erie Amateur Radio Association's weekly net is held every Thursday evening at 8:00 PM on the 146.760 (- 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.

### SSTV Net: "88 at 8!"

LEARA is sponsoring an informal SSTV net on Saturdays on the "88" machine at 8:00PM. This net is open to anyone and everyone. Refer to the January 06 newsletter for hints on how to get started, or check in and we'll get you on the way to exchanging pictures. Check ins are open to anyone, whether sending pictures, receiving pictures only, or just listening in, let us know you are out there!

### Net Control Operators Needed...

Any member of the Lake Erie Amateur Radio Association interested in trying their hand at directing the weekly net or the SSTV net are encouraged to contact Joe KC8RAN (ke8ran@cox.net) or as listed on page 2. It's a good opportunity to be prepared for emergencies or just to upgrade your operating skills.

See you Thursdays on "76" and Saturday Nights on "88"!

## Volunteer Exam Dates and Locations

(from the ARRL website)

### 20-May-2007

Sponsor: LORAIN COUNTY ARA  
RED CROSS  
Time: 1:00 PM (Walk-ins allowed)  
Contact: CHARLES S HALL  
(216)433-3036  
Email: VE@W8HF.COM  
Location: AMERICAN RED CROSS  
2929 W RIVER RD N  
WWW.W8HF.COM (HOME PAGE)  
ELYRIA, OH 44035

### 02-Jun-2007

Sponsor: LAKE COUNTY ARA  
Time: 12 NOON (Walk-ins allowed)  
Contact: SCOTT FARNHAM  
(440)256-0320  
Email: SCOTTFARN-  
HAM@ADELPHIA.NET  
Location: KIRTLAND LIBRARY  
9267 CHILLICOTHE RD  
ROUTE 306  
1.7 MI S OF I-90  
KIRTLAND, OH 44094

### 02-Jun-2007

Sponsor: PORTAGE COUNTY ARS,  
INC  
Time: 10:00AM (Walk-ins allowed)  
Contact: JAMES J AYLWARD  
(330)297-7979  
Email: KC8PD@PORTCARS.ORG  
Location: CENTER OF HOPE  
1034 W MAIN ST  
RAVENNA, OH 44266

### 05-Jun-2007

Sponsor: CUYAHOGA FALLS ARC  
Time: 7:00 PM (Walk-ins allowed)  
Contact: BRUCE M FERRY  
(330)929-2766  
Contact: SEE WEB PAGE  
Location: STOW-MUNROE FALLS  
PUBLIC LIBRARY  
3512 DARROW RD  
HTTP://WWW.AK8B.US/VE  
STOW, OH 44224

### 17-Jun-2007

Sponsor: LORAIN COUNTY ARA  
RED CROSS  
Time: 1:00 PM (Walk-ins allowed)  
Contact: CHARLES S HALL  
(216)433-3036  
Email: VE@W8HF.COM  
Location: AMERICAN RED CROSS  
2929 W RIVER RD N  
WWW.W8HF.COM (HOME PAGE)  
ELYRIA, OH 44035

### 08-Jul-2007

Sponsor: CUYAHOGA ARS  
Time: 9:00 AM (Walk-ins allowed)  
Contact: GARY S DEWEY  
(216)642-8705  
Email: GDEWEY@EN.COM  
Location: TOWN HALL  
6652 BRECKSVILLE RD  
STATE ROUTE 21  
INDEPENDENCE, OH 44131

## Upcoming Public Service Events

**May 20 Cleveland Marathon** contact Jerry Steele KC8CMI at Gdsteele@yahoo.com

**May 26-27 Westlake Soccer Tournament** contact Eric N8AUC at n8auc@hamnet.org

**June 23-24 Field Day** Cleveland Lakefront State Park, Upper Gordon Park

**August 5 Cleveland Triathlon**

**August 18-19 2007 MS "Pedal to the Point" Bike Ride**, contact Jeff Garvas, N8YNR at Jeff@cia.net

**Additional volunteer opportunities** are available at  
<http://www.neopsv.org>

**LEARA**

PO Box 22823  
Beachwood OH 44122-0823

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## LEARA — The Lake Erie Amateur Radio Association

### VOICE REPEATERS:

- 53.230/R-** • Highland Hills (136.5 Hz tone)
- 146.76/R-** • Highland Hills (Use 110.9 Hz tone for remote inputs in Lakewood, Newbury & Willoughby)
- 146.88/R-** • Lakewood (Requires 110.9 Hz tone)
- 224.90/R-** • Lakewood (141.3 Hz tone)
- 444.40/R+** • Highland Hills (131.8 Hz tone)
- 444.70/R+** • Lakewood (131.8 Hz tone)  
(.76, .88, .90 and .70 offer emergency and member-only autopatch lines.)

**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.

**GENERAL:** **NBRY** • 145.07 MHz & 223.70 MHz (KA-NODE)  
**NBRYX** • 145.07 MHz ⇔ 223.70 MHz Gateway  
**LEARA** • 145.07 MHz & 223.70 MHz PBBS

**INTERNET:** • [www.leara.org](http://www.leara.org)

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