



# The Spirit of '76 and '88



Don't forget to vote  
for club trustees!  
And don't forget to  
renew your member-  
ship!

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Newsletter of the Lake Erie Amateur Radio Association

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Editor: Joe Prokop KC8RAN

Publisher: Jeannie St. Marie, KC8MNW

## This Month's Meeting — October 31, 2006

### D-Star - ICOM's Latest Innovation!

**What is D-Star? Why is D-Star interesting? Who is interested? How it is being used?  
How to get started?**

If you are curious about the D-Star system, make sure you are at the October Club meeting. Our special guest speaker is **Pat Marcy, W7PZ, Amateur Sales Manager for Icom America, Inc.** Pat is making the trip to the Cleveland-area and has accepted LEARA's invitation to speak about the D-Star system from the "mountain top" view. **We are expecting a larger than normal crowd, so make sure to get you reservation early!**

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 at 7:30 PM. 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.

And while you're thinking about club meetings, our next meeting is the annual holiday party. Reserve November 28th on your calendar and plan to spend an evening of fun, stories and some full-contact enjoyment!

### October 2006

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**OFFICERS**

|                                       |                               |
|---------------------------------------|-------------------------------|
| <b>Eric Jessen</b><br>President       | <b>N8AUC</b><br>440-734-3146  |
| <b>Jim Ozello</b><br>Vice President   | <b>N8XDO</b><br>216-475-7218  |
| <b>Tom Bishop</b><br>Vice President   | <b>W8TAB</b><br>440-331-9374  |
| <b>Steve Kinosh</b><br>Secretary      | <b>KB8UTA</b><br>440-288-4141 |
| <b>Dave Foran</b><br>Treasurer        | <b>WB8APD</b><br>440-942-0618 |
| <b>Eric Jessen</b><br>License Trustee | <b>N8AUC</b><br>440-734-3146  |

**TRUSTEES**

|                      |                               |
|----------------------|-------------------------------|
| <b>Mike Cegelski</b> | <b>K8EHP</b>                  |
| <b>Raye Bayun</b>    | <b>N8NAP</b><br>146.760/R     |
| <b>Jeff Garvas</b>   | <b>N8YNR</b><br>216-552-4368  |
| <b>Marv Grossman</b> | <b>W8AZO</b><br>440-248-0031  |
| <b>Jacob Kinosh</b>  | <b>KC8GHX</b><br>440-989-8170 |
| <b>Tom Long</b>      | <b>N8QXA</b><br>440-356-0741  |
| <b>Joe Prokop</b>    | <b>KC8RAN</b><br>440-884-5796 |
| <b>John Radney</b>   | <b>KC8FOC</b><br>216-751-7067 |
| <b>Bryan Torok</b>   | <b>N8OOF</b><br>440-871-5456  |
| <b>Bob Winston</b>   | <b>W2THU</b><br>216-771-3314  |

**TRUSTEES EMERITUS**

|                     |                   |
|---------------------|-------------------|
| <b>Al Amster</b>    | <b>W8TTY</b>      |
| <b>Fred Collins</b> | <b>W8ADW(SK)</b>  |
| <b>Pat Shreve</b>   | <b>W8GRG (SK)</b> |
| <b>Al Severson</b>  | <b>AB8P (SK)</b>  |

**POINTS OF CONTACT**

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Don Raith "Sunshine"</b>         | <b>N8DJG</b><br>216-921-7546 |
| <b>Ray Bayun</b><br>Radio Officer   | <b>N8NAP</b><br>146.76/R     |
| <b>Bryan Torok</b><br>Radio Officer | <b>N8OOF</b><br>146.88/R     |

Trustees and officers can be emailed at [callsign@leara.org](mailto:callsign@leara.org)

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 1<sup>st</sup> of the month.

**Editor:**

Joe Prokop, KC8RAN

*de N8AUC*

I can't believe it's October already. Why just this afternoon I saw the first of the leaves changing color. Oh most of them are still plenty green, but they're starting to turn. And pretty soon we'll be knee deep in them. Some of you folks in the higher elevations out east might already have seen this, but for us flat-landers out on the west side, it's just starting to happen. Get your antenna work done before the weather turns nasty. And it IS coming!

I was fortunate enough to see a lot of you at the Cleveland Hamfest on September 24. There was even some decent looking ham gear for sale there. Although the only thing I really went looking for was some Scotch 33 electrical tape (needed before the weather turns nasty - see above for details). I'm in pretty good shape I think, on ham gear and computer junk right now, although there was a guy with a really nice looking TenTec Triton IV in the flea market, and the price was right, too. But if I came home with any new toys, I think Momma might protest a bit too much right now. So discretion was the better part of valor for me.

Speaking of the Cleveland Hamfest, the most noticeably absent from the event were our friends at Amateur Electronic Supply. Citing their decision not to attend as being for "business reasons" sounds kind of lame to me. Especially when I spoke with a number of people who asked me "Where is AES?". They had come to the hamfest specifically to buy gear from them, citing the high gas prices making a trip to Willowick prohibitive. I told them they'd have to call the 800 number and ask them why they weren't there. I certainly wasn't going to steal their thunder, or make excuses for them. But in their defense let's remember that AES IS a business, and they DO have to turn a profit to make payroll, or they won't be a business for very long. Regardless of the AES situation, it seems like every year at the hamfest I hear people lamenting the fact that the internet and ebay are killing hamfests. Well this year's Cleveland Hamfest didn't seem much smaller to me than last year's event (except for AES not being there). Although I have no bloody clue as to how their numbers work out, I'll probably keep going to the Cleveland Hamfest as long as they keep holding them. And I would encourage YOU to do the same thing. Because there is a social aspect to a hamfest

*(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 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

### DE N8AUC

*(Continued from page 2)*

that neither the internet nor ebay can replace. For me, part of the fun of going to the hamfest is seeing folks that you only see once or twice a year. It's a chance to catch up with old friends, and shoot the bull for a while. And you just can't do that on ebay. The bottom line of all this is, that the internet will only kill our hamfest if we let it. I'm going to do my part to keep it alive, how about you?

Oh yeah - about that "social" thing? The next time you see Sara, KC8KSU, refer to her as Mrs. OOF and see what happens. That's right, Bryan N8OOF and Sara KC8KSU were married the Friday before the Cleveland Hamfest!!! The whole affair was rather small and private, mainly just for family members, but make sure and congratulate the newlyweds the next time you see them! As for me, I wish the two of them a long and happy marriage!

Another thing about October is that it's time for the annual LEARA election. By now you should have received your ballots and renewal notices in the mail. Make sure to get your ballots in promptly, and if you want to save an extra stamp, put your renewal notice and your 2007 dues check in the same envelope. If you decide not to mail your ballot in, make sure to turn it in at the October meeting. I'm not sure if the deadline is 7PM or 7:30PM, but if you come have dinner with us at the October meeting, and you turn it in before dinner you should be good to go. Regardless of whether you mail your ballot in, or turn it in on election night, do make sure to vote. It's important to vote. And while we're on the topic of voting, make sure you get to the polls on November 7. That's even more important!

See you at Dimitri's on election night! Until then...

73 de N8AUC (da prez)

### Welcome Back to the Club!

LEARA proudly welcomes back...

### ED RIVERS, W8IE

Ed was a past member of LEARA, when his call was KB8UXO. If you hear Ed on the air, please welcome him back to the club!

### Upcoming Meetings:

October 31 - Elections  
 November 11 - Trustees Meeting  
 November 28 - Holiday Party  
 No December Meeting  
 January 13, 2007 - Trustees Meeting  
 January 30, 2007 - Topic tbd

**Note: Have any ideas for club meeting topics? Contact Tom W8TAB (w8tab@leara.org) .**

Club meetings, with the exception of the June Field Day and picnic meetings, are held at Dimitri's in the Mid-Town Shopping Center. Trustees Meetings are open to all members in good standing and are held at the Snow Rd. Library across from Dimitri's.

### LEARA "On The Air" Club Net Information

#### 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. **Net Control Operators Needed...** Any member of the Lake Erie Amateur Radio Association interested in trying their hand at directing the weekly net is encouraged to contact Joe KC8RAN (kc8ran@leara.org) or as listed on page 2.

#### SSTV Net:

*Tired of just talking on repeaters and want to try something different?*

The Saturday SSTV net is back. The goal is to do this net every week. In order to do SSTV, all you need is a radio, computer, a few cables and parts, and some time. The program is free! See the January 06 newsletter (www.leara.org, click on newsletters) for more information on getting started. Or better yet, check in and we'll get you going!

See you on Saturday Nights on "88"!

## Association News

### September Meeting-Geocaching

OK, this is something most guys have had, until this point, a genetic aversion against. Some machine telling us where to go and how to get there (and I'm not talking about an automated "in-law" machine). Look, it's a fact that most gas stations went out of business not because of the gas situation. It was because us "real men" avoid anything that the boss in the seat next to us can point to and command us to "*go in and ask for directions!... Now!*" *It just ain't natural!*

Well, now the "stop and go ask directions" crowd has conspired to trick us into getting directions first by inventing a new toy: GPS receivers. Then, they've gone and made it a fun, family-friendly, outdoor activity called Geocaching.

Pete, N8WGE and Scott KD8DZM, along with Sarah and Kevin Dutkiewicz (who also are niece and nephew-in-law to editor KC8RAN), put on an interesting program at last month's meeting to share all they know about this Fox-hunting style hobby that everyone in the family can get into.

Traditional fox hunting usually involves a small transmitter hidden in a location. The fox hunters then try to find the hidden transmitter using directional antennas and HT's or other portable rigs. In geocaching, the transmitter is replaced by a container hidden in a location. The location is marked with a GPS device and the coordinates are posted on a website. The geocacher goes to the website, programs the coordinates into the GPS receiver. Then the hunter goes to the location that the coordinates point to.

This is where the fun begins. The GPS gets you as close to the geocache (target) as possible. But now you have to actually find the geocache. This cache can be anything from a small 35mm film canister, to a Tupperware container, or even a surplus military ammo box. (Note: to avoid possible detonation by the bomb squad, most geocaching containers are identified to the relevant parties ahead of time so that they are not mistaken for an IED). So you may now be at the correct coordinates, but you still have to search for the container. Once you find the container,

you will find a log sheet inside and possibly a little token, toy or other worthless "treasure". If you take the treasure, you should leave something for the next geocacher to find. Geocachers also practice "CITO"; cache in, trash out. Geocachers will go to an area, find the cache, pick up the trash in the area and take it away for disposal.

The sites where the containers are placed are chosen so that they are not in a dangerous location, nor on private property where trespassing is an issue. Locations near a highway or a restricted area are prohibited by the rules of geocaching. However, the odds are at some point you probably have been within a few feet of a geocache!

So if you have an interest in searching for clues like on CSI, have an interest in high tech devices, and want to get out into the woods, open spaces or generally poke around outdoors without have to do yard-work, geocaching is a new activity that allows you to do all of this and possibly have an enjoyable time out in the field. (Take the HT in case you get lost!)

For more information, go to [www.geocaching.com](http://www.geocaching.com).

#### **Prize Winners:**

The winner of the Hamfest drawing for the dual band mobile rig was Steve, KB8UTA.

#### **Door Prize Winners:**

50/50 Winner: Cindy, the manager at Dimitri's  
 Leara Buck: Bill, N8UPZ  
 Imitation Dremel Tool :Virden KD8UN  
 Toolset with Magnifier: Bob W2THU  
 Ancient Torture Device: Tom W8TAB  
 Tape Measure: Don, N8DJG

**Special congrats to Joe KD8DUK. Not only did Joe recently earn his ticket, he also won a set of pliers! Hope you get that IC-7800 for Christmas, along with the Extra ticket!**

**(It can't hurt to ask...)**

**Estate Sale:**

Helen Osterman, with assistance from Tom W8TAB, is working to sell her late husband's ham equipment. Please contact Helen at 440-871-2199 if you are interested in any of the following:

| Qty | Manufacturer | Part Number | Description                      | Serial No. | Asking   |
|-----|--------------|-------------|----------------------------------|------------|----------|
| 1   | Yaesu        | FT-990      | HF Transceiver                   | IL090004   | \$828.00 |
| 1   | Yeasu        | FT-747GX    | HF Transceiver                   | 8E051652   | \$348.00 |
| 1   | Ameritron    | AL 80A      | HF Amplifier 1KW                 |            | \$614.00 |
| 1   | Kenwood      |             | 2 meter HT                       |            |          |
| 1   | Icom         | IC 228A     | 2 meter Mobile                   |            | \$115.00 |
| 1   | Astron       | RS 20A      | Power Supply                     |            | \$56.00  |
| 1   | Apelco       | Clipper JR  | Marine HT Clipper Jr.            | 402067     |          |
| 1   | Heil         | HM-10-5     | Heil Mic, Cable & Stand          |            | \$48.00  |
| 1   | MFJ          | 989C        | Versa Tuner V                    |            | \$234.00 |
| 1   | MFJ          |             | SWR/Wattmeter                    |            |          |
| 1   | MFJ          | 482B        | Grandmaster Keyer                |            |          |
| 1   | MFJ          | 249         | SWR Analyzer, Freq Counter       |            | \$157.00 |
| 1   | MFJ          |             | Tunable DSP Filter               |            |          |
| 1   | MFJ          |             | Speaker Switch for 232 MRX & 747 |            |          |
| 1   | MFJ          | Cable       | Cable for 2 meter radio          |            |          |
| 1   | MFJ          | Cable       | Cable for 990 Radio              |            |          |
| 1   | Radio Shack  | TRC 479     | CB Mobile                        |            |          |
| 1   | Radio Shack  |             | CB Mobile Mag Mount Ant          |            |          |
| 1   | Radio Shack  |             | Cassette Tape Recorder           |            |          |
| 1   | GAP          | DX-VI       | HF Vertical Antenna              |            |          |
| 1   | GE           |             | Cassette Tape Recorder           |            |          |
| 1   | Palomar      | PT-340      | Tuner                            |            |          |
| 1   | RFE          | NF-60       | Notch Filter                     |            |          |
| 1   |              | 3-500G      | Radio Tube - Used                |            |          |
| 2   |              | 6 VDC       | Jell Pack Battery                |            |          |
| 1   | Larson       |             | 10 Meter Whip                    |            |          |
| 1   | Larson       |             | 2 meter 1/4 wave Mag Mount Ant   |            |          |
| 1   | Hustler      |             | 2 meter 5/8 wave Mag Mount Ant   |            |          |
| 1   | AEA          | PK 232 MBX  | Packrat MBX Digital Controller   |            | \$102.00 |
| 1   | AEA          | PK 232      | Packrat II Upgrade 5.5 Chip      |            |          |
| 1   | Bencher      |             | Code Paddle Key                  |            |          |

**The LEARA family lost a good friend:**

FLOSSIE L. COLLINS, XYL to Fred W8ADW (SK) passed on Sept. 8, 2006 to join Fred. Fred and Flossie were regulars at the monthly club meetings. She had a knack for winning the prized LEARA buck, causing some eyebrows to be raised when I won it the first time I attended a LEARA meeting. Given what I know of Flossie from the few meals we shared at the club meetings, I know her new rewards were far, far greater than those she received here on Earth.

...de Joe KC8RAN



## ARRL News and Tidbits

### From the ARRL Letter...

#### ARRL 500 kHz EXPERIMENT IN ORGANIZATIONAL PHASE

The project manager for the ARRL 500-kHz experiment, Fritz Raab, W1FR, says The 500 KC Experimental Group for Amateur Radio is still in the organizational stages but has already recorded its first two-way contact. The FCC's Office of Engineering and Technology on September 13 granted Part 5 experimental license WD2XSH to the ARRL on behalf of a group of radio amateurs interested in investigating the LF spectrum. The two-year authorization permits experimentation and research between 505 and 510 kHz (600 meters) using narrowband modes at power levels of up to 20 W effective radiated power (ERP).

"It will probably be a free for all through October as guys get their stations on the air," Raab told ARRL Headquarters. "The Midwest stations will be limited to 505 to 508 kHz for the time being, and the rest can use 505 to 510 kHz." He said a couple of the WD2XSH participants got on the air the day after the license was issued, and several others activated the first week, generating a number of reception reports. "Many are for distances of about 300 miles, of course, but some are much longer," Raab told ARRL Headquarters. He reports that W0RPK in Iowa copied the WD2XSH/20 station in Oregon early on September 26 - a distance of 1500 miles.

The first QSO took place September 21 between the stations in Tennessee and North Carolina - a distance of some 300 miles.

Raab eventually would like to see at least a secondary 600-meter Amateur Radio allocation from 495 to 510 kHz. He envisions eventual use of the spectrum to provide Amateur Radio emergency communication via groundwave. Announcement of the license grant earlier this month brought a few requests from radio amateurs interested in joining the experimental group. Raab says there are no plans to expand the group's membership, however. He does invite reception reports of transmissions made by group members <<http://w5jgv.com/500kcreportform.htm>>.

For the time being, the WD2XSH group is only using CW. The ARRL Part 5 application had requested permission to use both CW and PSK31, but the license grant omitted the latter mode. Raab says he's working to secure permission to add PSK31 to the grant.

During October, the 21-station experimental group will develop a band plan that assigns frequencies for QRSS -- very slow speed CW -- as well as for CW beacons and for two-way communication, Raab said. WD2XSH participant Conrad Murray, WS4S (WD2XSH/11) reports he's transmitting a QRSS beacon on an irregular basis on 505.505 kHz from his Tennessee QTH. News of the WD2XSH license grant opened another line of communication for Raab. "The announcement brought me a bunch of e-mails, and contact with someone I knew from college and hadn't seen since the 1970s," he said.

More information is on the 500 kc Experimental Group for Amateur Radio Website <<http://www.500kc.com/>>.

#### From the ARRL Propagation Bulletin de K7RA 9/29/06 and 10/5/06.

Bill Huntimer, KI0CW in Dell Rapids, South Dakota wrote to ask, "Would you explain what sunspots do to radio interference?"

Sunspots can be great for HF radio propagation. The more sunspots we see, the greater the density of charged particles in the ionosphere, which reflect or refract radio waves. Higher densities mean higher frequencies can propagate worldwide, instead of just passing through the ionosphere and off into space. When there are sunspots, there is also the possibility of other solar activity, such as solar flares, and holes in the Sun's corona, which can spew out a solar wind of charged particles. These particles, as well as x-rays from flares, may disturb the Earth's magnetic field, and cause charged particles in the ionosphere to re-combine, canceling the charge. Lower density of charged particles means that the Maximum Usable Frequency is lower. In addition, polar cap absorption occurs, so propagation over the poles becomes poor.

Sometimes in the media, we may hear of interference to broadcast TV or FM radio signals related to sunspots. The interference can be from distant stations, when listeners are accustomed to hearing only local stations. The interference is actually due to improved propagation. (Ed. Note: Weather, especially deep low pressure systems, also impact VHF, but in different ways. More on that in the future)

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The Space Environment Center (SEC) forecast still predicts a low point for sunspot numbers during the March-April time frame

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next year. This is based on a smoothed sunspot number, so those daily values are averaged over six months to produce a smoothed value centered in the middle of the period. So when we finally get there, it may not be immediately apparent that we have reached the bottom of the cycle because of daily variation. But if it is anything like the last minimum -- 10 years ago this month -- we should observe at least several weeks of *no sunspots at all*.

Earlier this year we discussed the predictions of researcher Mausumi Dikpata, who said that Cycle 24 may be a big one. She used observations of the Great Conveyor Belt, a huge circulating current of hot plasma inside the sun, which takes about 40 years to complete a full rotation. The speed of this belt seems to correlate well with solar activity some 20 years in the future. The movement has slowed considerably, leading NASA solar physicist David Hathaway to predict weak activity for Cycle 25, peaking around 2022. You can read about it at <http://www.physorg.com/news66581392.html>.

## **From the ARRL Website...**

### **160-Meter Experiment Will Explore Marconi's 1901 Transatlantic Success**

NEWINGTON, CT, Oct 5, 2006 -- A 160-meter beacon will take to the air this fall and winter from Cornwall, England, to explore how Guglielmo Marconi was able to span the Atlantic by wireless for the first time on December 12, 1901. Radio history says that's when the radio pioneer at a receiving station in Newfoundland successfully copied the Morse code letter "s" sent repeatedly by his team in the Cornwall town of Poldhu. The latter-day venture is a cooperative effort of the Poldhu Amateur Radio Club (PARK) in Cornwall and the Marconi Radio Club of Newfoundland (MCRN). The Poldhu club's Keith Matthew, G0WYS, said the 2001 centenary of Marconi's achievement reopened discussion into the mechanism by which the 1901 spark transmitter signal propagated.

"The winter of 1901 coincided with a sunspot minimum, and it was realized that this coming December 2006 should show similar conditions to those of December 1901," he said. Just how Marconi was able to receive the transatlantic transmission has long been a topic of discussion and even controversy, especially given the frequency Marconi is likely to have used, thought to be between 800 and 900 kHz, and the time of day, afternoon in Newfoundland -- not to mention daytime absorption levels .

"The beacon will help understand the possibility of low sunspot number transatlantic medium wave propagation 24 hours a day, but especially 1400 through 1800 UTC," Matthew said. The 160-meter amateur band is being used, he explained, because Marconi's original frequency today is a highly populated piece of the radio spectrum. The 1960 kHz beacon will use a two-minute transmit sequence starting at the top of the hour, Matthew explained. It will consist of a CW identification followed by a series of carrier bursts, each reducing in power by 6 dB. An identification in PSK31 will follow. The transmit sequence will repeat at 15-minute intervals.

On the listening end in Newfoundland will be well-known low-frequency experimenter Joe Craig, VO1NA, of the MRCN, who lives near St John's. "This is a very exciting project," Craig said. "I am very grateful for the support from my fellow members in the club and our sister club, the Poldhu Amateur Radio Club." Craig offered his own observations on Marconi's 1901 feat in a 2001 article "Marconi's First Transatlantic Wireless Experiment," for *The Canadian Amateur*, the journal of Radio Amateurs of Canada (RAC). Also monitoring in North America will be the Antique Wireless Association's W2AN club station in upstate New York.

### **Measure Makes Amateur Radio Part of Emergency Communications Community**

NEWINGTON, CT, Oct 4, 2006 -- A section of the Department of Homeland Security (DHS) 2007 Appropriations Act, HR 5441, formally includes Amateur Radio operators as a part of the emergency communications community. Congress approved the measure before adjourning for its pre-election break. President George W. Bush signed the bill into law today.

Amateur Radio is included within the legislation's Subtitle D, Section 671, known as the "21st Century Emergency Communications Act." Radio amateurs are among the entities with which a Regional Emergency Communications Coordination Working Group (RECC Working Group) must coordinate its activities. Included within the DHS's Office of Emergency Communications - - which the measure also creates -- RECC Working Groups attached to each regional DHS office will advise federal and state homeland security officials. House Subcommittee on Homeland Security Chairman Rep Harold Rogers (R-KY) sponsored HR 5441. The final version of the legislation incorporates language from both House and Senate bills and was hammered out in a conference committee.

## Hamfest Listing

### 29 Oct 2006

Hamfest and Auction  
Massillon ARC

<http://www.marcradio.org>

**Talk-In:** 147.180+ (PL 110.9)

Massillon Boys & Girls Club  
730 Duncan Street SW

**Contact:** Terry Russ, N8ATZ  
3420 Briardale Circle NW  
Massillon, OH 44646  
Phone: 330-837-3091  
Email: [truss@sssnet.com](mailto:truss@sssnet.com)

## Volunteer Exam Dates and Locations

(from the ARRL website)

### 14-Oct-2006

**Sponsor:** SUMMIT CO AMERICAN RED CROSS

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

**Contact:** BRUCE M FERRY (330)929-2766

**Location:** AMERICAN RED CROSS 501 W MARKET ST [HTTP://WWW.AK8B.US/VE](http://www.ak8b.us/ve) AKRON, OH 44303

### 15-Oct-2006

**Sponsor:** LORAIN COUNTY ARA RED CROSS

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

**Contact:** CHARLES S HALL (216)433-3036

**Email:** [VE@W8HF.COM](mailto:VE@W8HF.COM)

**Location:** AMERICAN RED CROSS 2929 W RIVER RD N [WWW.W8HF.COM](http://www.w8hf.com) (HOME PAGE) ELYRIA, OH 44035

Need help with getting your license or upgrading to the next level. Contact LEARA by email to [elmer@leara.org](mailto:elmer@leara.org) or visit the club website at

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

**"It's Easier Than You Think!"**

## Volunteer Exam Dates and Locations

(from the ARRL website)

### 28-Oct-2006

**Sponsor:** WRECS

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

**Contact:** ROBERT C GAUSS (330)562-3328

**Email:** [N8ZB@YAHOO.COM](mailto:N8ZB@YAHOO.COM)

**Location:** BENTLEYVILLE TOWN HALL/  
CHAGRIN FALLS 6253 CHAGRIN RIVER RD  
CORNER SOLON RD & RIVER RD BASE-  
MENT BENTLEYVILLE, OH 44022

### 29-Oct-2006

**Sponsor:** MASSILLON HAMFEST

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

**Contact:** GARY L KLINE (330)837-2927

**Email:** [WC8W@SSSNET.COM](mailto:WC8W@SSSNET.COM)

**Location:** MASSILLON BOYS & GIRLS  
CLUB 730 DUNCAN ST SW 1 BLOCK S OF  
SR #21 ON WALNUT ST MASSILLON, OH  
44647

### 12-Nov-2006

**Sponsor:** CUYAHOGA ARS

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

**Contact:** GARY S DEWEY (216)642-8705

**Email:** [GDEWEY@EN.COM](mailto:GDEWEY@EN.COM)

**Location:** TOWN HALL 6652 BRECKSVILLE  
RD STATE ROUTE 21 INDEPENDENCE, OH  
44131

### 19-Nov-2006

**Sponsor:** LORAIN COUNTY ARA RED  
CROSS

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

**Contact:** CHARLES S HALL (216)433-3036

**Email:** [VE@W8HF.COM](mailto:VE@W8HF.COM)

**Location:** AMERICAN RED CROSS 2929 W  
RIVER RD N [WWW.W8HF.COM](http://www.w8hf.com) (HOME  
PAGE) ELYRIA, OH 44035

## WEB SUBSCRIBER'S BONUS STORIES (From the ARRL Website)

### "Morse Code" Proceeding Also Still Pending

Perhaps more eagerly the Amateur Radio community also has been awaiting FCC action on the "Morse code" proceeding, WT Docket 05-235. WTB staff already has indicated that a Report and Order in the "omnibus" proceeding will come first, however. The FCC's Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235 last July proposed to eliminate the Element 1 (5 WPM) Morse code requirement for all license classes. Beyond that, the FCC declined to go forward with any other suggested changes to Amateur Service licensing rules or operating privileges. The Morse code proceeding neither put forward nor recommended any changes in CW allocations or privileges.

A Report and Order in either Amateur Radio proceeding would formally adopt and spell out the changes and specify their effective dates.

### ARRL Plans Federal Court Appeal of Certain BPL Rules

NEWINGTON, CT, Oct 4, 2006 -- The ARRL Executive Committee is expected this weekend to ratify plans to appeal in federal court certain aspects of the FCC's Part 15 rules governing broadband over power line (BPL) systems. Assuming the EC signs off on the strategy, the League will file a *Notice of Appeal* by October 22 with the US District Court of Appeals -- DC Circuit. ARRL Chief Executive Officer David Sumner, K1ZZ, said the League went forward with its appeal plans only after considering the effect on licensed spectrum users of letting the BPL rules stand. "This decision was made after careful review of the FCC's October 2004 BPL *Report and Order (R&O)* and of the August 2006 *Memorandum Opinion and Order (MO&O)* that dealt with petitions for reconsideration," said Sumner, who addressed ARRL's concerns with the FCC's BPL rules in his "It Seems to Us . . ." editorial in October *QST*.

## 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)
- To subscribe via e-mail, send a message to: [spirit76-request@leara.org](mailto:spirit76-request@leara.org)  
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