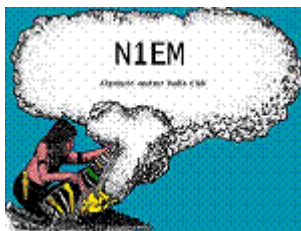


# Algonquin Amateur Radio Club

Founded 1976



## QRZ – The Newsletter for AARC members

[www.n1em.org](http://www.n1em.org)

October 2008

### Meetings!

**General club meeting:** The next AARC meeting is scheduled for October 9 at 7:30 pm. The meeting will be in the library of the Marlborough Middle School on Thresher Drive. Topics for this month's meeting include:

- Talk by Jim Hansen, W1TRC "power line noise tracking"
- Club project organization
- Banquet arrangements
- Halloween School Watch sign-up

**MEMA:** The next MEMA meeting is scheduled for October 21 at 7:00 pm in the Marlborough E.O.C. More MEMA information is available through the clubs web page link at [www.qsl.net/n1em/EOC/EOChome.html](http://www.qsl.net/n1em/EOC/EOChome.html)

- On October 22<sup>nd</sup> The City of Marlborough will hold its flu clinic at the middle school from 9:00am till around 2:00pm. They are looking for volunteers for radio traffic and support. If you are interested contact Don Cusson.
- Hazmat day: The City of Marlborough will conduct a hazardous waste collection day for city residents. This event will run from 9 am to noon on Oct 25th at the Easterly Water treatment plant. To support communications and direct traffic we will need about six to eight volunteers between 8 - 12 am. Volunteers should contact Don Cusson.

### Member news

On September 14th AARC members revived the Sunday night net at 8:30 pm. In attendance were K1DIN (Ed), KA1PON (Ann), K1IX (Frank), W1KBA (Brian), K1ZFH (Quin), and the net controller KA1OS (Tim). It was a good time discussing general chit chat. Join us every Sunday night at 8:30pm on the N1EM repeater 446.675 PL 88.5.

### Flea market flyers

Flyers for the club's ham radio flea market will be printed early in October. We will make copies for members to distribute. Inquiries can also be directed to the club's web pages at [www.n1em.org](http://www.n1em.org) where we will publish additional information about the February Flea.

### Halloween school watch

The club will again runs its Halloween School Watch on Friday October 31<sup>st</sup>. If you have time to help on Halloween evening, please contact Quin Spear or drop by this month's general club meeting to sign up.

### Regional flea markets

Oct 10-11 **NEAR-Fest** – (Deerfield, NH)  
Oct 19 **The Flea at MIT** - (Cambridge, MA)  
Nov 8 **FARAFEST** - (Bourne, MA)

### On the horizon...

Activities and club events coming up in the next quarter:

Oct 25 Marlborough hazmat day.  
Oct 31 Halloween school watch.  
Nov 22 Marlborough flu clinic

### Ham radio news

On 9/15/2008 the MMRA put their first D-Star repeater on the air and it's the first D-Star repeater in the Greater Boston area. It is also the first VHF D-Star system in the state. The repeater is located in the Marlborough East site and is operating on 145.160 MHz with a – 600 KHz offset. For more information on how to configure your D-Star radio visit their web site at [www.mmra.org](http://www.mmra.org).

### October's meeting speaker is:

Local ham Jim Hansen, W1TRC will present a talk on tracking power line interference. Jim will demonstrate two devices he developed, an ultrasonic power line arc detector and a tape ruler, VHF yagi for locating power line noise sources. These devices were featured in April 2006 and May 2007 QST articles. We have the PC board for the ultrasonic detector and most of the key components for constructing a detector for club use. These parts will be offered to any club member interested in completing the device's construction for the club.

### Ham trivia and fun facts

Where was the first transatlantic message received from?  
(Hint it wasn't in Massachusetts)

The Greeks were the first to discover electricity about 2500 years ago. They noticed that when an amber was rubbed with other materials it became charged with an unknown force that had the power to attract objects such as dried leaves, feathers, bits of cloth, or other lightweight materials. The Greeks called amber *electron*. The word *electric* was derived from it and meant "to be like amber," or to have the ability to attract other objects.

1887 - Heinrich Hertz experiments with parabolic dishes - produces waves at about 30cm - 1 GHz!!!

1904- One of the first companies to sell radio equipment to experimenters and amateurs was the Electro Importing Company of New York City, set up in 1904 by Hugo Gernsback

1906 - First wireless communication of human speech (and music) on December 24, 1906. Fessenden spoke and broadcasted music by radio from Brant Rock, Massachusetts, to ships in the Atlantic Ocean using a two kilowatt (100 kHz) alternator developed by Alexanderson. Fessenden modulates continuous wave.

**And the answer to the trivia question is,**

1901 - Marconi bridges the Atlantic, a feat which caught the world's attention and fueled the imagination of thousands of potential amateurs, who took their first steps into wireless. His transatlantic triumph came on the 12th December 1901 when the morse letter 'S' was transmitted from Poldhu, in Cornwall and received by Marconi himself at St. John's, Newfoundland, who recorded the historic event in his pocket book simply "Sigs at 12.20, 1.10 & 2.20".

**List of some special events for October**

**Oct 1-Oct 6, 2200Z-0500Z**, Cleveland, OH. NASA Glenn Amateur Radio Club, NA8SA. 50<sup>th</sup> Anniversary of the beginning of NASA operations. 14.280 7.280 3.880 1.880. QSL. NASA Glenn Amateur Radio Club Lewis Field, 21000 Brookpark Rd, MS 8-1, Cleveland, OH 44135-3191. [www.grc.nasa.gov/WWW/Clubs/NA8SA](http://www.grc.nasa.gov/WWW/Clubs/NA8SA)

**Oct 2, 1400Z-1900Z**, New York City, NY. USS Intrepid Sea\*Air\*Space Museum & FCM Assoc, WA3KEY. USS *Intrepid* under tow back to its new pier in Manhattan. 14.252 7.243. Certificate. Norman Drechsel, PO Box 498, Quakertown, PA 18951. *The USS Intrepid will be on the air during its tow past the Statue of Liberty and a tribute at Ground Zero.* [www.wa3key.com/events.html](http://www.wa3key.com/events.html)

**Oct 4-Oct 5, 0000Z-2359Z**, Libertyville, IL. Motorola Amateur Radio Club, KM0TO. Celebrating Motorola's 80<sup>th</sup>

Anniversary. 21.350 14.310 7.280 3.860. Certificate. Motorola Amateur Radio Club, 1931 Prarie Square #211, Schaumburg, IL 60173-4130. [www.qsl.net/k9mot/activities/80.html](http://www.qsl.net/k9mot/activities/80.html)

**Oct 10-Oct 12, 1200Z-2200Z**, Tuskegee, AL. Tuskegee Airmen Amateur Radio Net, W4T. Grand Opening of Tuskegee Airmen National Historic Site. 7.228 7.100 CW 14.290. QSL. Tuskegee Airmen ARS, 2220 West Coil St, Indianapolis, IN 46260. *Times are daily.* [na9y@arrl.net](mailto:na9y@arrl.net)

**Oct 11, 1600Z-2300Z**, San Diego, CA. USS Midway CV-41 Museum Radio Room, NI6IW. US Navy Birthday in 1775. SSB 14.325 7.250 CW 14.060 7.040 BPSK 7.070-7.080 MT63 14.109 7.037 RTTY 14.080 7.080. QSL. USS Midway CV-41 Museum Radio Room, 910 N Harbor Dr, San Diego, CA 92101. [af6ha@yahoo.com](mailto:af6ha@yahoo.com)

**Oct 18, 1400Z-2200Z**, US Coast Guard Training Center - Yorktown, VA. USCG Auxiliary 05SR-Division 06, W4Y. Celebrating 69<sup>th</sup> Anniversary of US Coast Guard Auxiliary. 28.315 21.365 14.295 7.260. QSL. Joe Safranek, K4JJS, 8778 Marlfiled Rd, Gloucester, VA 23061-3118. [k4jjs@arrl.net](mailto:k4jjs@arrl.net)

**Oct 18, 1600Z-2359Z**, Puyallup, WA. US Coast Guard Auxiliary Flotilla 33, Division 3, N7A. Commemorating USCG Auxiliary 69<sup>th</sup> Anniversary. 28.380 21.375 14.275 7.275. QSL. Larry Smith, 10902 141st St Ct E, Puyallup, WA 98374. [ab7fj@comcast.net](mailto:ab7fj@comcast.net)

**Oct 22-Oct 27, 1800Z-2359Z**, Lynchburg, TN. ARES, W4J. Jack Daniels Invitational World Championship BBQ. 28.450 21.305 14.255 7.238 other bands possible CW RTTY PSK31. QSL. Jimmy Floyd, PO Box 511, Tullahoma, TN 37388. [nq4u@mtars.org](mailto:nq4u@mtars.org)

**Oct 31-Nov 1, 0600Z-0600Z**, Frankenstein, MO. Warrensburg Area Amateur Radio Club, W0O. Frankenstein FunXpedition 2008. 28.370 21.378 14.265 7.255 3.945. QSL. W0AW, PO Box 1364, Warrensburg, MO 64093. [www.waarci.org](http://www.waarci.org)

**Algonquin Radio Club - P.O. Box 258, Marlborough MA 01752**

The Algonquin Amateur Radio Club (AARC) holds meetings on the second Thursday of each month. Meetings are open to all in the community with an interest in Amateur Radio. For directions, contact a club officer or visit our web site at [www.n1em.org](http://www.n1em.org). Meeting times are listed in this newsletter. The AARC also operates the N1EM repeater on 446.675 MHz, -offset, PL 88.5 Hz. This machine is open to all licensed amateur operators. An informal open net on this repeater is conducted Sundays at 8:30 PM.

We publish QRZ monthly from September through June. The deadline for submissions is the 25<sup>th</sup> of the preceding month. Text files are preferred and can be mailed to [newsletter@n1em.org](mailto:newsletter@n1em.org). For further information about QRZ and the AARC please send inquiries to the address listed above.

**Current club officers**

President	Tim Ikeda (KA1OS)
Vice President	Ron Wood (W1PLW)
Treasurer	Frank McInnis (K1IX)
Secretary	Ann Weldon (KA1PON)
Newsletter	Brian Boda (W1KBA)