



# The BAARCer



January 2012

For Anyone Interested in Amateur Radio

Page 1 of 8

**Club Call Sign: WØUJ**

**BAARC REPEATERS**

53.110 MHz- 123.0 Hz  
 147.225 MHz + (main rptr)  
 145.130 MHz- Echo Link  
 Node number 233515  
 443.925 MHz + 110.9 Hz  
 Packet: 145.670 MHz  
 MNBRD, BRDBBS  
 144.390 WØUJ-5 APRS  
 Crosslake 147.030 MHz+  
<http://brainerdham.org>

**OFFICERS**

**President + WWW**

**Editor:**

Steve Mott      NØCRM

**Vice President:**

John Luce      WØWY

**Secretary:**

Ron Finger      KØGOP

**Treasurer:**

Doug Bergsnev KDØERE

**Director-at-Large:**

Lyle Amundson KØLFV

**Trustee + BAARCer**

**Editor:**

Fritz Bertelt      WØKO

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## The BAARC Gavel Award for Charles W5CCL



**The Club honored Charles for his leadership to the BAARC on Dec. 15th with an inscribed gavel plaque. He served admirably as past President. Presenting it for the Club was Steve NØCRM, our 2012 BAARC President. (Photo—KØLFV)**

— Events Calendar —

**Sat., Jan. 7— Club Brkfst. @ 9 @ Northwind Grille in Brainerd.**  
**Sat., Jan. 21—Club Brkfst. @ 9 @ Northwind Grille in Brainerd.**  
**Sat., Jan. 21 Annual Gull Lake Icefishing Extravaganza—ops needed.**

**HAM Radio Classes Starting Soon:—See page 8 for details.**

**CHECK THE SUNDAY NIGHT NETS FOR ANY  
 UPDATES/CORRECTIONS**

**Note: BAARC 2012 Hamfest is April 14, 2012.  
PASS THE WORD ON THE NETS AND IN QSOs.**

**HAVE YOU PAID YOUR 2012 DUES YET? SEE P. 7**

## Thursday, December 15, 2011 – 4:00 PM - BAARC Board Meeting Minutes Brainerd Fire Station

The Board Meeting was cancelled for December.

## Thursday, December 15, 2011 - 7:00 PM - BAARC Membership Meeting Minutes Brainerd Fire Station

The President opened the meeting at 7:03 PM with 22 members and guests present. The November minutes were approved as printed in the October BAARCer. The Secretary reported a present Club membership of 59 with many 2012 dues already in. The Treasurer's Report was presented by Doug KDØERE, and approved.

**Digital & Emergency Communications:** AI WØRC reported on the on-air status of the repeater at the Boy Scout Camp on 147.390+.

**Upcoming Events:** Briefly discussed were dates and available details for the **2012 Jaycee Ice Fishing Extravaganza, Mid-MN 150 Dog Sled Race, and Brainerd Hamfest.**

**Old/New Business:** John WØWY discussed plans for the weekly Ham Licensing Classes beginning on Tuesday, February 7 at the Brainerd Fire Station. The Class schedule is: Technician – 6:30 to 7:30, General – 7:30 to 8:30, and Extra – 8:30 to 9:30. General and Extra students are encouraged to also take in the prior session(s) for review. The classes will end prior to the April 14, the Brainerd Hamfest VE testing date. Cost for the class is \$25.00 for each license level, including books and other materials. FCC license testing is separate at \$15.00.

The Membership Meeting was adjourned at 7:30 PM.

--Respectfully submitted by **Ron KØGOP**, Secretary

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## A Glimpse of the Christmas Sharing of the Goodies and the Fellowship following the Meeting on Dec. 15, 2012.



## **Balloon Project and NASA—Forestview Middle School and BAARC**



**Jim Reed**, on left, shown with **Steve**, came to our December club meeting. Jim had contacted a couple of Club members regarding help with a school project; he came to explain the project and asked for some technical help.

Jim Reed and Cory Olson, both teachers at Forestview Middle School, are planning a special balloon project. The intent is to launch a helium balloon that contains a payload of a digital camera and a tracking device. The camera will be programmed to take a picture every minute; they will then sync the camera with the tracking device and will know its GPS location and altitude. They can then do some 3D modeling in Google Maps when done and are planning on having a couple classes after launch that deal with data analysis. They would like some help tracking the payload once it starts coming back to Earth. It may come down somewhat close to our area, but it could also travel to the western side of Wisconsin. This is where we can help them out. During our December meeting several people met and talked to Jim about the project. The BAARC will also hold an onsite overview of Amateur Radio for this group, so that we can get them acquainted with Amateur Radio and also possibly give them an overview of how we will help them track using APRS. In addition to that project, we talked to Jim about the possibility of entertaining a NASA project.

NASA is now accepting proposals from U.S. schools, museums, science centers and community youth organizations to host an Amateur Radio on the International Space Station, or ARISS, contact between July 15, 2012, and Jan. 15, 2013. To maximize these radio contact opportunities, NASA is looking for organizations that will draw large numbers of participants and integrate the contact into a well developed education plan. Proposals are due Jan. 30, 2012. Jim was very interested in learning more about this, so we will be looking into that as well. —Steve Mott

**Doug KDØERE's tower in completed form.** (See the various stages on page 6)

He says."The tower is complete. Christmas Hamming is just around the corner and the contacts are flying. I'm having a lot of fun DXing." That says it all. Doug says he will eventually get a directional antenna up—like a yagi.



**BAARC SANTA, Darrell Schneider, ABØVP**



Again Darrell kept the tradition going by reading some Christmas stories. No one can do it like this Mayor of Crosslake. Yes, that is his official role now. Yet to us he is still a fellow "ham." Thanks again for doing this for us, Darrell. (All Photos of Dec. 15th Mtg. in this issue by KØLFV)

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**Note: WØZPE—Bob Feuer's DX Column will appear again in next month's issue. The Walker Repeater 147.390 + is on the air again.**

## Congratulations to the New Officers for 2012



Elected at the November Meeting were these five Officers: (l-r) Lyle Amundson (**KØLFV**), Director-at-Large; Ron Finger (**KØGOP**), Secretary; Steve Mott (**NØCRM**), President; John Luce (**WØWY**), Vice President; and Doug Bergsnev (**KDØERE**), Treasurer. Of course, the Club wholeheartedly thanks the previous 2011 team. We thank Charles **W5CCL** especially for his past role as President. Lyle, Ron, and Doug stayed on in their previous offices. Steve moved up to the presidency and John added another role—that of Vice President, in addition to his other main function as ARRL E-Communications Director for the County serving as liaison between the Club and outside agencies. Needless to say, we are all fortunate to have these volunteers to help making our many Club functions throughout the year great successes.

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**Our BAARC President for the past two years Charles Lane, W5CCL, received a plaque** commending his work and dedication to the Club and our related activities. During his tenure as the BAARC President, Charles only missed one of the many events that we support annually. We reminisced how a fine gentleman from Texas embraced our northern climate and participated in and really enjoyed the coldest days of the year. Charles always enjoys the Mid Minnesota 150 Dog Sled Race and has always been a proponent of telling members to bring their families to enjoy this fun event. He was even one of the few people who were able to make it to the Ice Fishing Contest two years ago due to an ice storm. He could have very easily said that it was too icy or the weather was too bad, but Charles made it to the event and was our NC operator for nearly the entire day.

Charles, we have really appreciated your leadership and this will certainly be missed. Thank you for your dedication to the Club!----Steve Mott, NØCRM, (continued from p. 1 picture and caption)

**Antenna Project at Doug Bergnev's QTH—KDØERE:** Photos provided by Doug.



The work was done in weather conditions less than ideal—cool to cold. That means, in ham radio operators' understanding, that the antenna work lasts longer when the WX is less than ideal. Of course, this work will last. This antenna work was done by an expert team: Lyle **KØLFV**, Al **WØRC**, Shirley **KØDCW**, Charles **W5CCL**, and Doug **KDØERE**, the owner . Antenna: multi-band trap dipole inverted in inverted vee form.

**WØRC** climbing the tower on top right and middle.



**W5CCL** doing ground work, bottom left, bottom left. Top left is **KØLFV**, with **W5CCL** (invisible —almost) on his left behind the tower. **WØRC** and **KDØERE** with their backs to the camera



Bottom right shows **KDØERE** drilling a hole to secure the mounting of the base of the tower. Photos here are not in chronological order.

**Doug sincerely thanks the team and reports success with some fun QSOs never before experienced.**



# Brainerd Area Amateur Radio Club

## MEMBERSHIP APPLICATION FORM

Dues Year January 1, 2012, to December 31, 2012  
(One Application for Each Person)



Name (First, MI, Last) \_\_\_\_\_ Call Sign: \_\_\_\_\_

Address: \_\_\_\_\_ License Class: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Additional Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Date of Application: \_\_\_\_\_ Circle One: New / Renewal

E-mail Address: \_\_\_\_\_ Member ARRL? Circle One: Y / N

I would like to receive the BAARCer via the Internet / US Mail (Circle One). (Internet saves Club money)

Circle One: \$20 Full Member / \$10 Additional Family Member / \$10 Student Member

**Note:** For first-time members, pay \$5 per quarter for the time remaining in the year you join. For information on a life membership, contact Doug, our treasurer: <baarctreasurer@charter.net>

<b>Membership Dues</b>	\$ _____
<b>Voluntary Contribution</b>	\$ _____
<b>Total Enclosed</b>	\$ _____

Make checks payable to BAARC. The Club is a 501C3 non-profit organization. Contributions are tax deductible. **Mail to Treasurer.**

**Brainerd Area Amateur Radio Club**  
**Treasurer - Doug Bergsnev**  
**KDØERE**  
**15912 Olsen Lane**  
**Brainerd, MN 56401**

I hereby make this application and agree to abide by the Club By-Laws.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Disclosure:** This information will not be sold or given to another organization without express permission of the BAARC members.

Please mail one form, along with dues (check/money order), for each person who wants to be a member.

**Check our Club's Website for other Information and Newsletters.**  
Regular Updates on the Sunday Night Nets on 147.225  
[www.brainerdham.org](http://www.brainerdham.org)

**SUNDAY NIGHT NET OPERATORS**

01/01/12	Fritz	WØKO
01/08/12	Doug	KDØERE
01/15/12	Joe	KBØVYJ
01/22/12	Steve	WØTNT
01/29/12	Mike	NØGAU
02/05/12	Jeff	KDØHBI
02/12/12	Becky	KDØHBH
02/19/12	John	WØWY
02/26/12	John	KCØWCG

Can't make the schedule? Find a substitute operator. BAARC Sunday Night Net Control Coordinator is Fritz WØKO. To volunteer: w0ko "at" arrl.net

Running the Simplex Net is Optional.

Thanks to all NC Stations for this weekly service. Please let Fritz know if you can volunteer.

**New Year's Greeting and Wishes**

The Club Officers wish all the members far and wide a very prosperous and, above all, a healthful 2012. Further, the new 2012 team asks your help and cooperation as the BAARC engages in some interesting new activities and continues some of the traditional ones we have been known for in the previous years. Program ideas are always welcome. Can you put one on? Do you know of someone who could? Make the contacts and bring those ideas to the new officers.

**Reminder: Ham Radio Classes** will be held Feb. 7, 14, 21, 28, Mar. 6, 13, 20, 27, and April 3 with testing on April 14<sup>th</sup> at the Hamfest at the Armory. The classes will be held at the Fire Station in Brainerd. The **Technician** class will be conducted from 6:30-7:30; the **General** from 7:30 to 8:30, and the **Extra** (tentatively) 8:30-9:30. Again, the lead instructor is **Al Doree, WØRC** ; Co-instructing again is **John Luce, WØWY** . Note: these two gentlemen have had very successful classes in the past with high pass rates. More updates will come later. For now, if you need a contact : <w0rc@arrl.net> or <w0wy@arrl.net> Books/Materials —\$25; FCC test is \$15. Let the team know of your interest and make the plans to attend..

United We Stand



**FIRST CLASS MAIL**  
Address Correction Requested

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Brainerd, MN 56401