



The BAARCer



March 2013

For Anyone Interested in Amateur Radio

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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**

CLUB YEAR IN REVIEW: Highlighting 2012 BAARC Activities



Pres. Steve Mott, NØCRM, reviewed the various activities this organization's members participated in —much of it in volunteer fashion for the area's greater lakes communities. Over 100 slides only partially communicated the total year. The secondary presentations were short reports on the balloon launch, the state of our Crosby repeater, and upcoming HAMFEST in April. Members present also witnessed the ham classes in progress before the meeting with master instructors WØRC and WØWY. Thanks to Steve and Director Lyle, KØLFV, for preparatory work for the February 28th program.

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— Events Calendar —

Sat., March 2, Club Brkfst. @ 9 @ Northwind Grille in Brd.

Sat., March 16, Club Brkfst. @ 9 @ Northwind Grille in Brd.

Sat., MARCH 23 SKYWARN INFO Session at NWS Duluth—interested in attending? contact John—WØWY

Thurs., March 28, Club Meeting: Board @ 4 and Membership @ 7 @ Fire Hall.

Sat., April 20—Brainerd Hamfest—Set-up Fri. 19th @ 12:00—Brainerd Armory—
Help Needed both days. VE Test Session (\$15 exam fee) conducted the same day.
 MN Repeater Council will meet also at the Armory.

Listen for Activity Updates on our Sunday Night Nets

Encourage New Membership: Dues (see p. 5) are still only \$20/year—a bargain for all you get. E-mail Doug for info: djbdesk@gmail.com

Thursday-February 28, 2013 - 4:00 PM - BAARC Board Meeting Minutes

Brainerd Fire Station

President: Steve Mott, NØCRM

Vice President: John Luce, WØWY

Treasurer: Doug Bergsnev, KDØERE

Secretary: Ron Finger, KØGOP

Director-at-Large: Lyle Amundson KØLFV

Past Presidents: Charles Lane, W5CCL; Al Doree, WØRC

Community & Special Events Director: TBD

Director-at-Large: Lyle Amundson, KØLFV

Emergency Communications Director: John Luce, WØWY

Repeater Trustee: Fritz Bertelt, WØKO

Attendees: Steve NØCRM, John WØWY, Doug KDØERE, Ron KØGOP, Lyle KØLFV, Al WØRC, Shirley KØDCW, and Dave KBØSCT.

Secretary's Report: Reported error in February minutes misstating the cost of 150 postcards as \$49.50. Corrected to read \$15 for 150 postcards plus \$49.50 postage (\$1.33 x 150). Membership is currently at 66 with renewals still coming in. Club website has been updated for the April Hamfest. **Motion to accept:** Al WØRC, **Second** Lyle KØLFV, **Passed.**

Treasurer's Report: Report given showing all month's account transactions and balances to date. Al presented a check to the treasurer for Ham Class book payments. **Motion to accept:** Ron KØGOP, **Second** Al WØRC, **Passed.**

Membership Meeting Program: Membership Drive Program discussed. The program will be scheduled for September or October to accommodate the busy spring and summer Club activities, as well as drawing more interest for indoor hobbies at that time. A guest speaker and program is being sought for the **Spring Banquet** in May. Lyle KØLFV discussed various web streaming programs on amateur radio that might be of interest for a future meeting.

Upcoming Events: FMS Balloon launch: Al WØRC reported that **teachers** Cory Olson and Jim Reed will be on hand for the 7 PM Membership Meeting to discuss the Saturday morning launch. Repeater options were discussed for the 5-vehicle chase team over the predicted flight track. **Winter Ham Classes** for Technician and General licenses by Al WØRC and John WØWY have been meeting through February with good attendance. It was confirmed that all class members will receive complimentary 2013 Club Membership. Plans continue for the April 20th **Brainerd Hamfest**. The **Brainerd Jaycees Marathon** on April 27th is the next Club event.

Digital & Emergency Communications: John WØWY: Work is proceeding on the new tower site, with AT&T's 3G/4G equipment installed by another rigging company. Dietz Bros. will return soon to dismantle the old tower, and at that time add a coupler to extend the short feedline to our antenna. They will sweep-test for resonance and verify performance of the patched line. The board determined that accepting this alternative to replacing the entire hardline was the best option due to the performance proofing and anticipated cost discounts.

Old Business:

Thank you notes to the Club were received and read from the **Baxter Kiwanis** for the **Lakes Country Triathlon** and **Dan Levno** for the **Mid-MN 150 Dog Sled Race**.

John WØWY will pursue an MOU regarding Club duties for site maintenance (mowing, weed spraying) when larger issues are completed.

New Business:

Club Communications Trailer Planning Committee: Interested members include Dave KBØSCT, John WØWY, and Ron KØGOP.

Purchase of some Club Owned Test Equipment (Need to check out donated items prior to selling)

Lyle has obtained a variac, and oscilloscope and purchased an **MFJ HF/VHF/UHF Antenna Analyzer** for the Club. The old MFJ HF/VHF Analyzer will be added to the Club "For Sale" inventory.

Motion to reimburse Lyle \$75 for variac: Steve NØCRM, **Second** Al WØRC, **Passed.**

Repeater Planning Group: Interested members include Roger WØWUG, Terry KIØFW, Al WØRC, Steve NØCRM, and John WØWY.

Installation of the recently donated Remote Base HF Station from KØLR:

Lyle will work with Brainerd members (Doug, Ron) and get it running and documented.

The business meeting was adjourned at 5:00 PM.

Thursday- February 28, 2013 - 7:00 PM - BAARC Membership Meeting Minutes

Brainerd Fire Station

The President opened the Club membership business meeting at 7:10 PM with 22 members and guests present.

Membership Meeting Additions to Business above: Jim Reed and Cory Olson discussed plans for Saturday's Balloon Launch. Launch will be moved north to Backus Municipal Airport to avoid predicted Elk River area landing.

The business meeting was adjourned at 7:38 PM

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

DX and the Paper Chase

Well, how about that? First, I was off HF because of antenna icing and now the rotor on the tower that sports my 17-meter monobander has "died" with the monster beam pointed due north. There's much discussion whether it's the rotor or the controller that's the cause. Al (WØRC) has the controller and is checking it out, so hopefully I'll be able to make a decision soon about what needs to be done. If indeed it is the rotor, there's a lot of work to be done along with some expense. When I got into this hobby nobody promised me a rose garden. In the meantime, 15 meters has become the band of choice for me, and I'm enjoying it immensely. It's about time I exercised the beam which is located on a power pole with a side mounted rotor. As for the 20-meter band—I've expressed my opinion on it many times. Nothing has changed, the band is populated with lids, kids and space cadets and unless you're a CW operator (where you can escape the madness) QSY is the answer. There's DX abound on 15 meters, mostly from the European continent and mostly in the mornings. Later in the afternoon there have been good openings into South and Central America. There's lots of DX out there, but few DXpeditions at least ones that I need. Always, there are lots of very good opportunities to work DX for DXCC credits for new Hams. Good DX is for the taking for those of you who are interested in the paper chase. Speaking of which: a new one arrived in the mailbox from Vatican City (HV) which was especially important to me and Marcia...we're both of the Catholic persuasion. Actually the station should be easy to get from the upper Midwest, but the European wall of stations makes it difficult. I'll be busy trying to get Cambodia (XU) on CW over the next week or so. The station is an American operator using a Hex Beam and an amplifier. I need XU, so its going to be fun trying for him with CW. In the meantime, there's good DX for everyone, so sit down at your station and call CQ, someone somewhere is listening for your signal, don't disappoint anyone. So long from Huntersville for now, 73 and good DX from **Bob/WØZPE**.

Ham Develops New App: From the ARRL Letter

The new **mPING** app -- developed by a team led by Dr. Kim Elmore, N5OP -- for Apple and Android mobile devices lets users report rain, hail, sleet and snow to NOAA's National Severe Storms Laboratory. Weather researchers there will compare mPING reports to local radar images. The results are expected to lead to new radar technologies to determine the type of precipitation falling at ground level. "mPING gives the public a unique opportunity to act as citizen scientists, allowing them to report their observations of precipitation -- such as snow, rain, ice pellets or a mix -- in real time," said Principal Investigator Elmore, an ARRL Life Member. He is a Research Meteorologist with the NOAA Cooperative Institute for Mesoscale Meteorological Studies at the University of Oklahoma.

Harbach Electronics to Discontinue Dahl Transformers

Effective February 14, Harbach Electronics will discontinue producing and selling the Peter W. Dahl line of transformers. In 2007 after more than 40 years in business, Peter Dahl, KØBIT, retired and sold his company. The Harbach company is in negotiations with other manufacturers to take over the Dahl product line of transformers and magnetics.

LYLE KØLFV Representing the BAARC & Making Sales at the St. Cloud Hamfest, Feb. 16th.

Thank You, Lyle!!!!



Lyle's efforts during Jan. and Feb. produced \$1454 for our Club's Treasury. —Plus he promoted our April Hamfest.



The Mid-MN 150 Sled Dog Event was Another Success

The Mid-MN 150 Sled Dog Event was held on Saturday, February 9, 2013. The sled dogs raced between Remer-Outing-Remer. Steve **NØCRM** and Al **WØRC** were co-chairs of this event. Steve **NØCRM** transported the E-com trailer to Outing and back to Brainerd at the end of the event. Terry **KIØFW** and Shirley **KØDCW** handled net control operations. Ron **KØGOP**, Steve **WØTNT**, Doug **KDØERE**, Jim **WØJDS** and his friend **Marion**, Jim **KBØLYP** and Steve **NØCRM** worked the checkpoints and reported to net control when the sled dog teams had crossed their location. Dave **KBØSCT** operated from the lake reporting the times the dog teams came in. Roger **WRØG** and Judi **KØJLL** helped out as needed. Al **WØRC** was our rover and safety. He followed the last team into Remer. Al **WØRC** brought his snowmobile again and put on 26 miles on the trails. The WX also cooperated with enough snow, though the temperature might have been a little too warm for the dogs. Luckily the race ended before the blizzard hit this area.

Jim **KBØLYP** and Al **WØRC** provided many photos for Editor **WØKO** to choose from for this publication. The Sled Dog race officials thanked us for our work and say they can't run this event without us.



These photos were taken by Al WØRC and Jim KBØLYP. We thank them for providing those not on the wintry scene with a glimpse of the activity that day. As can be seen, the dogs are always excited, eager to please their master mushers—whether coming back or ready to head out. The photo at the right shows the BAARC communications trailer.

MORE Photos



Top left shows Shirley KØDCW, one of the many NCS, with Terry KIØFW and Steve NØCRM. Note—no M&M’s on table!!!! At the top right is Dave KBØSCT, former County Emergency Manager, also doing NCS duties. Middle right is Al “the Rover” WØRC and veteran events’ chairperson. Middle right is Steve—lost in the wild???? No, he appears to have VHF radio with him. Bottom in yellow vest appears to be Doug KDØERE (Club Treasurer) helping musher get the team lined up on to the trail.

More photos. Top left Doug KDØERE and Terry KIØFW inside the trailer. Notice the emergency energy food (bag of M&M's) between them.



Here Doug is checking results. Yes, he is left-handed, so that means he is in his right mind. Many famous people are. Seated, taking a coffee break is Steve NØCRM, Club President. Even though he looks like he is taking it easy, he is working the race. All of our participants appear to have lots of fun. We are sorry we could not picture all—but they are all listed on page 4. Thanks to Al and Shirley for providing the write-up/information.



Brainerd Area Amateur Radio Club

MEMBERSHIP APPLICATION FORM

Dues Year January 1, 2013, to December 31, 2013



Name (First, MI, Last) _____ Call Sign _____

Address _____ License Class _____

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: <djbdesk@gmail.com>

Membership Dues \$ _____

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

Voluntary Contribution \$ _____

Total Enclosed \$ _____

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

SUNDAY NIGHT NET OPERATORS

03/03/13	Fritz	WØKO
03/10/13	Rick	KBØWWJ
03/17/13	Doug	KDØERE
03/24/10	Marcia	WØZMC
03/31/13	Bob	WØZPE
04/07/13	Dave	KBØSCT
04/14/13	Rick	KBØWWJ
04/21/13	Charles	W5CCL
04/28/13	Joe	KBØVYJ

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

PLEASE?!?!?!?!?!?!?!?

SIMPLEX NET IS OPTIONAL.

Our thanks to all NCS Volunteers.

Silent Key: Jack Gibson—ABØCC—died on

2/11/13. Jack (83) was a retired educator and native of Brainerd. Funeral was on the 16th. He held the Extra class license and was a past member of the BAARC. On behalf of the Club, Fritz WØKO has sent a card of sincere condolences to his widow, Alyce KBØMSO. We know he loved golf and ham radio. Certainly, he will be missed. **P.S.** Alyce has already gratefully acknowledged our expression to her and the family.

Have You Paid 2013 Dues? Please get them in ASAP. Our Treasury/Treasurer is waiting. Currently we send 9 copies of the BAARCer by mail; the rest get everything from the website—Can you save us the time and expense by getting the monthly 8-page newsletter on the Web? Let Fritz/ Doug know. Page 7 has the info. **This is the last 2013 official dues reminder from your administration.**

For Sale/Trade, etc: Want Kenwood TS-700A. Sell or trade Yaesu FT-7800 and an APRS/packet setup consisting of a Kantronics Packet Communicator 3+ / Kenwood TM-271 with all cables attached. Charles, W5CCL 218-545-1965. or <katchas@charter.net>
Special Event & Invitation from Bob KB4ZK : Formerly of our Club here—March 23 on 28400, 21300, 14250, 71250,—KE4HAM. See QST for more details on a certificate.

United We Stand



First Class Mail
Address Correction Requested

Brainerd Area Amateur Radio Club
c/o M. Fritz Bertel WØKO
16167 Ahrens Hill Road
Brainerd, MN 56401