



# The BAARCer



February 2010

For Anyone Interested in Amateur Radio

Page 1 of 8

**Club Call: WØUJ**

**BAARC REPEATERS**

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

**OFFICERS**

**President:**

Charles Lane **W5CCL**

**Vice President + WWW**

**Editor:**

Steven Mott **KCØYTE**

**Secretary:**

Ron Finger **KØGOP**

**Treasurer:**

Doug Bergsnev **KDØERE**

**Director-At-Large:**

Roger Williams **WØWUG**

**Trustee + BAARCer**

**Editor:**

Fritz Bertelt **WØKO**



Steve WØTNT (upper left) giving Jan. 28th presentation after the business mtg. See p. 4 for more details.

**Index**

Dec. Mins. ABØVP	2
Jan. Mins. KØGOP	3
WØTNT Presentation	4
KØGOP Art Work	
DX Report-WØZPE	5
ARRL news, etc	
Fishing Extr. & News	6
2010 DUES Form	7
Licensing Classes	8
Sunday Night Net	

**— Events Calendar —**

- Feb. 6 (Sat.) Club Breakfast at Northwind Grille in Brainerd @ 9.**
  - Feb. 9 (Tues.) Ham Licensing Classes start—see p. 8 details**
  - Feb. 13 (Sat.) Mid-MN Sled-Dog Race (Outing)- WØRC & WØWY—chairs.**
  - Feb. 13 (Sat.) Cabin Fever Reliever—Hamfest in St. Cloud.**
  - Feb. 20 (Sat.) Club Breakfast at Northwind Grille in Brainerd @ 9.**
  - Feb. 25 (Thurs.) Club Meeting at 7 @ Fire Hall (Board meets @ 6)**
  - Mar. 25 (Thurs.) Club Meeting @ 7 @ Fire Hall (Board meets @ 6)**
  - Mar. 27 (Sat.) Midwinter Madness—Hamfest 8-1:30 in Buffalo, MN**
  - April 17 (Sat.) MN Repeater Council Outstate Mtg. @ Brd. Fire Hall**
  - April 24 (Sat.) Run for the Lakes Marathon—details later**
  - Annual Club Dinner Meeting, May 27, Nisswa Legion--Details Later**
- Brainerd HAMFEST JULY 24, 2010**

**December 17, 2009 - 4:10 PM - BAARC Board Meeting Minutes – Brainerd****Library Large Conf. Room:**

President Al WØRC opened the meeting with Treasurer, John W3MQD, Past President Lyle KØLFV, Charles W5CCL, Ron KØGOP, John WØWY, Shirley KØDCW, Terry KIØFW, Roger WØWUG, and Secretary Darrell ABØVP in attendance. Jim WØJDS arrived about 4:25 PM. Previous Membership and Board meeting minutes as published in the BAARCer were accepted by all. The Treasurer's Report dated 11/30/09 was approved by all following a motion by John WØWY and a second by Lyle KØLFV.

President Al WØRC gave a brief report on the completion of the Ski Gull antenna followed by BAARC activities and events that will be made in more detail to the membership later in the evening.

Past President, Lyle KØLFV, will follow thru on a payment due for equipment donated to BAARC.

Seven weeks of Ham classes for Technicians and Generals are planned to begin in January with testing to follow on the eight week sometime in March.

Incoming President Charles W5CCL expressed a need for a Community & Special Events Director/Coordinator and is assuming that 2010 BAARC events will follow along the 2009 BAARC events as recently listed. He was also considering the scheduling of Board and Membership meetings to better suit 2010 participants.

The meeting was adjourned at 5:00 PM.

**December 17, 2009 - 7:07 PM - BAARC Membership Minutes – Brainerd**

**Library Large Conf. Room:** President Al WØRC opened the meeting at 7:07 PM with about twenty Hams and guests in attendance. Previous meeting minutes as published in the BAARCer were approved by all following a motion by Jim WØYA that was seconded by John W3MQD. Treasurer John W3MQD presented a Year-to-Date Financial Report dated 11/30/09 that was approved by all – motion: John WØWY – second: Lyle KØLFV.

President Al WØRC reported that the installation of the Ski Gull antenna had been completed at a significant savings from the originally budgeted cost due to the scheduling of the work during the availability of a professional crew that was in the area working on other projects.

The four-man crew was very cooperative and worked late into the day with minimum light at the end. Jim WØIRE will do a “radiation-pattern report” that will give us a more detailed indication of the propagation direction and strength of our signal. There will be additional operational work done before the antenna is put into service later into 2010.

The **Jaycees Ice Fishing Contest** is scheduled for **January 23<sup>rd</sup>** – at the same location as last year – operators are needed – scheduling commitments and information exchange will be available on the Sunday Nite Net. The new UHF repeater may be used for the event to give better access to all operators.

The **Mid-Minnesota 150** will be held on **February 13, 2010**, headquartered at the Village Inn in Outing using the Outing repeater. There was discussion of having an APRS workshop at the March meeting. There is a committee working on the By-Laws – get any suggested changes to Lyle KØLFV.



The meeting was adjourned at 7:55 PM. Respectfully submitted, **Darrell ABØVP**, Secretary

## Thursday, January 28, 2010 - 6:00 PM - BAARC Board Meeting Minutes

### Brainerd Fire Station

President Charles W5CCL opened the meeting with Treasurer Doug KDØERE, Past President Lyle KØLFV, Past President Al WØRC, Board Member-at-Large Roger WØWUG, E Comm Director John WØWY, Trustee & BAARCer Editor Fritz WØKO, and Secretary Ron KØGOP, in attendance. December Membership and Board meeting minutes were unavailable at this time. They will be included for reading and approval at the February Meetings. The Treasurer's Report was presented and approved following a motion by John WØWY and second by Al WØRC. Treasurer Doug KDØERE will meet with Past Treasurer John W3MQD to discuss combining two small club savings accounts.

**Upcoming Events:** Al WØRC gave a report on the upcoming *Mid-MN Dog Sled Race* on February 13<sup>th</sup> in Emily/Outing/Remer. The Club Comm trailer will again be located at the Village Inn at Outing for net control. Al and John WØWY will coordinate seeking volunteer operators along the 12-station route. Al also reported that the event route and Comm trailer location for the *Brainerd Jaycee's Run for the Lakes Marathon* will be the same as last year. It will be held on Saturday, April 24<sup>th</sup>. Jim WØJDS has pre-reserved the Nisswa Legion Hall for the *BAARC Spring Dinner* on Thursday, May 27<sup>th</sup>. Social time will begin at 5:30PM, with dinner and a program following. Fritz WØKO has so far been unable to get a response from two "higher profile" dinner speakers. He will continue pursuing this, and invited any other speaker suggestions from Club members. A motion to approve the Spring Dinner date and direct Jim WØJDS to proceed was made by Al WØRC, and seconded by Fritz WØKO, and passed.

**Old Business:** Al WØRC outlined the upcoming schedule for **Ham Radio License Classes** to begin with an informational meeting on Tuesday, February 9<sup>th</sup>. Classes will be led by Al and John WØWY for the Technician and General levels, and will meet weekly, ending with VE testing on Tuesday, April 13<sup>th</sup>. VE testing can also be scheduled for Extra class on that evening. More class information will be published in the BAARCer. Al also reported that the MN Repeater Council will hold its annual meeting at the Brainerd Fire Station on April 17<sup>th</sup>. Following the prior week's BAARC participation in the Brainerd Jaycee's Ice Extravaganza, John WØWY presented a bill for generator fuel to Treasurer Doug KDØERE. Also forwarded were Club Comm trailer documents, and a Club donation application to be completed and filed with the Brainerd Jaycees. John also informed the board that a Club volunteer roster/timesheet needs to be completed and forwarded to the Sheriff's Office for those working that event.

**New Business:** Retaining existing membership as well as stimulating new club growth was discussed. As a reminder for those with delinquent Club dues, Secretary Ron KØGOP was directed to work with Treasurer Doug KDØERE, and send a gentle reminder by mail. President Charles W5CCL discussed his interest in working with the local Boy Scouts as a club outreach to encourage new Hams and potential Club members. Bringing several Club trailers to the local BSA site in October for "**Jamboree on the Air**" as well as assisting scouts with "Amateur Radio Merit Badges" were some of the specific ideas discussed. Al WØRC was directed to acquire two Club commemorative items following a successful motion made by him and seconded by Fritz WØKO. Finally, with surrounding clubs raising their Hamfest fees and rising overhead costs, the board discussed raising Hamfest admission from \$5 to \$6, and sales tables from \$10 to \$12. A motion to raise fees accordingly was made by Lyle KØLFV, seconded by Fritz WØKO, and passed. The meeting was adjourned at 7:00 PM.

## Thursday, January 28, 2010 - 7:00 PM - BAARC Membership Minutes

### Brainerd Fire Station



President Charles W5CCL opened the meeting at 7:10 PM with twenty Hams and guests in attendance. The approval of the December meeting minutes was tabled until the February meeting. Treasurer Doug KDØERE presented the January financial report that was approved following a motion by John WØWY and seconded by Dave KCØTGT.

**Upcoming Events:** Al WØRC gave a report on the upcoming *Mid-MN Dog Sled Race* club event coming up on February 13<sup>th</sup> and encouraged club members to invite their families and friends to this "unique and fun" event. Al and John WØWY will coordinate seeking volunteer operators and a sign-up sheet was circulated. Jim WØJDS encouraged everyone to reserve a spot at the *BAARC Spring Dinner* on Thursday, May 27<sup>th</sup>. The cost is \$15 per plate and will be non-refundable beyond the week prior to the event. Social time will begin at 5:30PM, with dinner and a program following. Charles W5CCL urged anyone with future membership meeting program ideas to contact him by phone or email.

**Old /New Business:** Al WØRC outlined the upcoming schedule for **Ham Radio License Classes** to begin with an informational meeting on Tuesday, February 9<sup>th</sup>. Anticipated class cost is \$35 including book and exam. Two minor amendments to the BAARC Constitution and Bylaws were passed following a motion by Jim WØJDS, and seconded by Fritz WØKO. Lyle KØLFV will advise the Club Secretary regarding filing these changes with the State. President Charles W5CCL led a discussion with the membership about membership recruitment; also discussed were meeting times, accommodating guest speakers, and the SPAR winter field day.

The meeting was adjourned at 8:07 PM. Respectfully submitted by **Ron KØGOP**, Secretary



## **Steve Weber, WØTNT: Presentation on Jan, 28 at the Fire Hall.**

Following the business meeting, Steve, who is Manager of the Cuyuna Country State Recreation Area, gave BAARC members an interesting presentation with slide show on his work with the State maintaining our campsites, parks, recreation areas, access facilities, and trails. We were all amazed at how much work is done and how great the public expenditure is in providing Minnesotans with such great park and recreational facilities. Certainly we are truly blessed to have so many trails, camping spots, and public landing/access areas so close to us. It is no wonder the tourists also flock here from within Minnesota and from other states. However, one aspect Steve pointed out was of the few bad apples among our citizenry who want to vandalize public property, thereby preventing others from enjoying the great outdoors. This behooves us to keep a watchful eye out for these malevolent types and turn them in. As evidence he showed photos of unnecessary trees cut, smashed visitors' car windows, and dumps of all kinds of trash. Fortunately, the State gets some help in the clean-up each year when not only our BAARC, but also other organizations work on the trash pick-up day. Thanks, Steve, for an informative session on the natural resources right in our back yard.—de WØKO

---



## Ham in the News: White House Names Ham as New Cybersecurity Coordinator

On December 22, President Barack Obama named Howard A. Schmidt, W7HAS, as the new White House Cybersecurity Coordinator. According to the White House, Schmidt -- an ARRL member--is one of the world's leading authorities on computer security, with some 40 years of experience in government, business and law enforcement and "will have regular access to the President and serve as a key member of his National Security Staff. He will also work closely with his economic team to ensure that our cybersecurity efforts keep the Nation secure and prosperous."



**On the right in the photo:** President Barack Obama greets his new White House Cyber Security Chief Howard A. Schmidt, W7HAS, in the Cross Hall of the White House. December 17, 2009. (Lawrence Jackson, official White House photo)

Photo and Story from the ARRL

## DX and the Paper Chase

Happy New Year and good DXing in 2010! The sunspots are more frequent as Cycle 24 moves ahead on schedule. The long solar minimum of Cycle 23 seems a distant memory as better band openings occur. Yesterday (01/20/10) there were stellar openings on 12 and 15 meters signaling a return of two terrific DXing bands. The solar flux index made it all the way to 93 several days ago—just wait until it's in the hundreds, whoopee! One of the great recourses available to the DX community on the Internet is several good DX spotting websites. I use dxscape.com, a Japanese website that is one of the best on the Internet. One must realize that DX spotting is only as good as the spotter's information. Not everyone is moved to spot DX after working a DX station. I bring up dxscape.com before warming up the station. One thing that I have learned over the years is that there may be and sometimes is activity that is not, for whatever reason, being spotted on the website. Calling CQ and receiving an answer on the other end (the old fashioned way) is still the most rewarding for me. I continue to work ZL's and ZK's on 17 meters late in the day by calling CQ—talk about an adrenaline rush! We Hams never seem to be satisfied with our equipment, and I fit right into that category. There is a new 1300-watt solid-state linear on the market getting wonderful reviews and I've placed an order. The idea of no warm up, no tuning, no fuss and no muss grabbed my attention. The use of a linear to break into DX pileups is helpful and puts a smile on my face every time. Anyway, as the good book says...use only the power necessary to make and complete your contact. At the present time there is a lack of DXpeditions, and I suspect that our sour economy has a lot to do with the lack of DXpedition activity in the world of DXing. Anyway, sitting down at your station and calling CQ continues to be the spirit of HF radio because someone somewhere is listening for your call. Don't disappoint any one of them. So long from Huntersville, **73 and good DX from Bob/WØZPE.**

**Changes at the ARRL:** In one of her first actions as ARRL President, Kay Craigie, N3KN, has appointed Dakota Division Assistant Director and former North Dakota Section Manager Kent Olson, KAØLDG, as the new Dakota Division Vice Director. The position became vacant when Dakota Division Director Jay Bellows, KØQB, was elected International Affairs Vice President at the 2010 ARRL Board of Directors Annual Meeting. Vice Director Greg Widin, KØGW, moved into the Director position. Congratulations to the Dakota Division and MN Section principals.

**Call Sign Change:** Ron Finger, our new Secretary, has shortened up his call to KØGOP. Congratulations! Can a 1x2 be far behind?

From **Lyle KØLFV** regarding **Word Radio**: For those of us who remember this publication, it now can be downloaded free online on a monthly basis. The February issue (Page 39) has a write-up about a BAARC member, **Lyle Koehler, KØLR**. To download this publication go to: <http://www.cq-amateur-radio.com> and click on World Radio OnLine (upper left hand corner of webpage). You will need Adobe Acrobat Reader to read it. If you do not have Acrobat Reader, scroll to the bottom of the World Radio Online welcome page and in the bottom left corner, you will find a link for a free download.

### **BAARC and the 20th Annual Ice fishing Extravaganza (Jan 23):**

**Charles W5CCL, BAARC President**, reports that the event was a success. Again the Jaycees were pleased with the Club's effort. Al WØRC, John WØWY, and Charles W5CCL met at the fire Station on Thurs. and moved the club trailer to our assigned spot. Early Sat. morning while Charles W5CCL and Dave KCØTGT were creeping to the site on very slick roads, Steve KCØYTE (BAARC Vice President) was busy preparing the trailer. Also participating in various capacities and times were Lyle KØLFV, Shirley KØDCW, Terry KIØFW, Ron KØGOP (BAARC Secretary), and Wynn KA3DQN. Our diverse crew had a busy day with many calls for the section bosses, law enforcement, medical, and transportation. The Club members did their part very well and it was thought that no one was left on the ice at the end of the day! You would have been proud of your Club President because he looked like an ice-road trucker out there in his pickup! Because of the crazy weather ( rain and cold), the digital cameras would not function, so there were no pictures to share. Still, the commercial press had plenty which many citizens in the area saw. Again, thanks to all of you who participated. You did a great job!!!!

### **DUES-DUES-DUES-DUES-DUES!!!!!!!!!!!!—PLEASE, PLEASE, PLEASE!**

Please get your \$20 in and make the job for our new treasurer easier. The Club will send out one more reminder for the 2010 dues with the March **BAARCer**. After that the leadership team thought a mailed reminder would bring in the rest of the dues, but it would be an added expense. So look on page 7, update anything as needed, and send it in with your check to Doug KDØERE. That is doing your part. Thanks so much for your cooperation. Also, Doug sends a big thanks to those 44 who have already send them in.

\*\*\*\*\*

**Have Want/For-Sale Item?** Get it to Fritz WØKO and he will put it into the next **BAARCer**. See page 8 for his e-mail address.



# Brainerd Area Amateur Radio Club MEMBERSHIP FORM



Dues Year January 1, 2010, to December 31, 2010

ARRL Affiliated

(Please print/copy this and submit one application for each person.)

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

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

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

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

Date of application: \_\_\_\_\_ Check one: New application: \_\_\_ Renewal: \_\_\_

E-mail address: \_\_\_\_\_ Member ARRL? \_\_\_\_\_

I would like to receive the BAARCer newsletter via the Internet \_\_\_\_\_ via the US mail \_\_\_\_\_ (Internet saves Club money)

**Amateur Radio Interests:** If there is a program you would like to see at an upcoming meeting, please indicate the topic and possible presenter: \_\_\_\_\_ The goal is to make Club meetings fun and informative.

**Check one:** \$20 Full Membership \_\_\_\_\_ \$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.

**Membership Dues** \$ \_\_\_\_\_

**Voluntary Contribution** \$ \_\_\_\_\_

**Total Enclosed** \$ \_\_\_\_\_

Make checks payable to  
BAARC. The club is a 501C3  
non-profit organization. Contributions are  
tax deductible.

Mail to: Doug Bergsnev  
Mail to: Doug Bergsnev

KDØERE  
KDØERE  
(BAARC Treasurer)  
(BAARC Treasurer)  
15912 Olsen Lane  
15912 Olsen Lane  
Brainerd, MN 56401  
Brainerd, MN 56401

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

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

**Disclosure:** With the data, the Club can plan activities of interest to the majority of the members. This information will not be sold or given to other organizations without permission of the BAARC member. Please, one form per member—along with dues, for each person who wants to be a Club member.

**SUNDAY NIGHT NET OPERATORS**

02/07/10	Bob	WØZPE
02/14/10	Mike	NØGAU
02/21/10	Marcia	WØZMC
02/28/10	Shirley	KØDCW
03/07/10	Jim	WØJDS
03/14/10	Wynn	KA3DQN
03/21/10	Doug	KDØERE
03/28/10	Steve	WØTNT

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



BAARC, Inc.  
Ham Radio at its best in the Lakes Area  
Affiliated with the ARRL

Find us on the Web:  
<http://www.brainerdham.org>

**Ham Licensing Classes:** John WØWY and Al WØRC are again offering Technician and General Class Licensing Classes. An informational and registration session is Tues., Feb. 9, at the Fire Hall (Brd) from 5:30-8 p.m. The approximate total cost (seven class session and testing at the end) is \$35. The plan is to meet from 6-9 .p.m. with the Technician Class instruction first— followed by the General Class instruction. Classes will meet on seven consecutive Tuesdays starting first on Feb. 23, then from March 3 until April 13, the testing date. Prospective amateur radio operators (hams) should come to the first session on the 9th and/or contact John <w0wy@arrl.net> or Al <w0rc@arrl.net>

**For Sale:** Elecraft CW paddle, like new, heavy duty—\$150. Autek Research **Model WM1** Computing Deluxe power/SWR meter, large lit meters (no adjusting/reads PEP or average power from 1-2000 Watts)—usable from 160-6 meters. Connects between XCVR and antenna. Comes with power cube, like new— \$120. **Grundig YB400PE** (now also named G4000A) receiver covers 144-353 kHz, AM band, and 1711 kHz-30 MHz in AM and SSB modes. Comes with antenna reel, wall power cube, case, manual, earphone—used only 2 hrs. Nearly new \$100—contact Fritz WØKO.

United We Stand



**FIRST CLASS MAIL**

Address Correction Requested

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