



# The BAARCer



July 2007

For Anyone Interested in Amateur Radio

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**Club Call:** WØUJ

Brainerd 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  
 Club DX Cluster:  
 147.525 MHz BRDDX  
 144.390 WØUJ-5 APRS  
 Crosslake 147.030 MHz+  
<http://brainerdham.org>

**President:**

Lyle Amundson KØLFV

**Vice President:**

Jim Talbott WØYA

**Secretary:**

Darrell Schneider ABØVP

**Treasurer:**

John Myers W3MQD

**Director At Large:**

John Luce WØJGY

**Repeater Trustee:**

Fritz Bertelt WØKO

**BAARCer & WWW Editor**

Mark Persons WØMH



**Marv WØYHE** gave a talk at the June 28th membership meeting about the Elecraft kit building he has done over the past few years.

Al Kcøgwb (on the right) had questions and listened with great interest as Marv explained his experiences.

Marv said he was surprised to learn that he had as

much fun building the kits as he did operating them.

Marv spent six weeks building the 100-watt amplifier and automatic antenna tuner kit while at his winter home in Arizona. He hails from Brainerd and summers on the north side of Brainerd on Gilbert lake.

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**Don't forget the Brainerd Area Hamfest on July 14th**

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**Events Calendar**

- Sunday, July 1** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Wednesday, July 4** 1:00 PM to 2:00 PM Monthly siren and civil emergency test.
- Saturday, July 7** 9:00 AM to 10:00 AM Informal breakfast meeting at the Northwind Grille.
- Sunday, July 8** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Saturday, July 14** 9:00 AM to 2:00 PM **Brainerd Area Hamfest.**
- Sunday, July 15** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Thursday, July 19 Friday, July 20** Habitat for Humanity will be using the 147.225 Repeater.
- Saturday, July 21** 9:00 AM to 10:00 AM Informal breakfast meeting at the Northwind Grille.
- Sunday, July 22** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Thursday, July 26** 4:00 PM to 5:00 PM BAARC Executive Board meets.
- Thursday, July 26** 7:00 PM to 9:00 PM **Club Membership Meeting.**
- Saturday, July 28** 8:00 AM to Noon **Magic Repeater Yard Sale in St. Paul, MN.**
- Saturday, July 28** All Day **Hamfest in Clear Lake, SD.**
- Sunday, July 29** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.

### June 30, 2007, 4:00 PM - BAARC Board Meeting Minutes – Brainerd Library

The meeting was quietly opened by President Lyle KØLFV while in attendance were Vice-President Jim WØYA, Treasurer John W3MQD, Al WØRC, Shirley KØDCW, Mark WØMH, Director-at-Large John WØJGY, and Secretary Darrell ABØVP. The Report of the May Board of Directors and the General Membership Meetings as published in the BAARCer were accepted as written.



Treasurer John W3MQD successfully recovered from surgery and was back in good health. He presented both the April 30<sup>th</sup> and the May 31<sup>st</sup> reports to the Board. After a careful analysis of the reports Vice-President Jim WØYA moved approval of the financial reports which after a second by Al WØRC were unanimously approved.

Following a report of work on the Gull Lake 440 repeater by Al WØRC and Roger WØWUG, Al WØRC moved to have Kurt Martin repair the 440 repeater at an estimated cost of \$500. The motion was seconded by Jim WØYA and was passed unanimously.

Following a discussion of a need for a safe ladder for the E-Com trailer by President Lyle KØLFV. Al WØRC moved that the Club purchase a fiberglass stepladder with a 250 lb. rating at least of an eight-ft. size for about \$100. The motion was unanimously passed following a second by Jim WØYA.

The meeting was adjourned at 5:05 PM following a motion by Jim WØYA that was seconded by Shirley KØDCW.

Respectfully submitted, **Darrell ABØVP**, Secretary

### June 30, 2007, 7:00 PM - BAARC Membership Meeting Minutes – Brainerd Main Fire Station

President Lyle KØLFV opened the meeting held in the Training Room of the Main Brainerd Fire Station with twenty Hams and a guest in attendance.

Fire Chief Fred KCØYRY began the meeting by thanking John KØJO for his donation of an antenna and Al WØRC, John WØJGY, and Mark WØMH for their support in helping the Fire Department in developing new communication technology to advance the Fire Department's capabilities.

The Minutes of the May Membership Meeting as published in the BAARCer were accepted as written following a motion by Mark WØMH that was seconded by Skee WØDCY.

The April and May Financial Reports were unanimously approved following a motion by Al WØRC and seconded by Skee WØDCY.

Dave KCØTGT commented that it would be good to be sure that the stepladder for the E-Com trailer would be long enough – maybe ten feet if necessary.

The July Membership Meeting may be held at the R-C Club with details on the BAARC website. The Fire Safety Program following the meeting was presented by Fireman Wayne KCØYRZ. The meeting was adjourned following a motion by Roger WØWUG and seconded by John W3MQD.

Respectfully submitted, **Darrell ABØVP**, Secretary



**Mission Statement:** The Brainerd Area Amateur Radio Club is comprised of about 85 licensed Amateur Radio Operators who meet monthly to exchange ideas, improve radio skills, organize activities that are of service to the area, promote development of Amateur Radio, and join together in the mutual interest in Ham Radio. The BAARCeR newsletter is provided to club members for information and entertainment as a non-profit service. The material is supplied "as is" and without warranty. Permission is granted to copy and distribute any information published here provided the source is credited.

Because space is limited in the BAARCeR newsletter, you will often find more photos and more details for club news stories on the BAARC website at: <http://brainerdham.org>

**At Breakfast on June 2<sup>nd</sup>:** Fritz WØKO, Jim WØIRE, and Mark WØMH. Fritz said that propagation is not dead even though we are at the bottom of the 11-year solar cycle. He recently made a number of CW contacts on 20 meters across the North Pole.

**Welcome back to Marv WØYHE.** Marv and his wife Sharon returned to Gilbert Lake on the north side of Brainerd for the summer from their winter home in Florence, Arizona.

**Welcome back to Charles W5CCL** and his wife Kathy KD5EGN from their winter home in Wichita Falls, Texas.

**5/31/07: The Gull Lake 443.925 MHz Repeater** is down for repairs. Stay tuned for updates.

**Welcome:** Jimmie Roach, KBØSCU, of Merrifield. Jim is the owner of Jim's Camper Sales which he runs with his wife Pam and son Travis. This is THE PLACE for camping and trailer needs in the area. Jim's wife is the niece of Everett NØPTI, also a member of the BAARC. Jim told Fritz that he was a member some time ago, but the business keeps him inactive on ham radio. Welcome back, Jim. We hope to hear you some time on the repeater.



**Wayne KCØYRZ** gave an excellent talk on how to use a fire extinguisher at the June 28th membership meeting. He explained that fire is a chemical reaction and it happens in a small area around the fuel. The rest of the flame is exhaust gas from the fire. Wayne emphasized pulling the round pin on the extinguisher before trying to use the extinguisher on a fire. The example extinguisher he is holding will throw powder on a fire for 14 seconds. He recommended using only as much as necessary to put out the fire and then wait at least ten seconds to see if the fire re-ignites. Use the remaining powder on the fire, if necessary, at that point.

**Don't forget the Brainerd Area Hamfest on July 14th**

## 18th Annual Tour of the Lakes Bicycle Ride on Saturday, June 2nd



The Brainerd Area Amateur Radio Club helped the Paul Bunyan Cyclists (bike club) with their annual bicycle event. Thirteen members of BAARC contributed their time, energy, and expertise to provide communications and help make this annual Tour of Lakes Ride another success. The event started at 8 AM in Garrison, MN, and circled around to the west and north (around Platte and Upper and Lower South Long Lakes) in 35- and 75-mile loops. It returned to end in Garrison.



The BAARC Emergency Communications Trailer was stationed at one of the tour rest stops. We operated on several 2-meter radio frequencies for voice communications and APRS (Automated Packet Reporting System). This was our first exercise with our APRS equipment using a new computer, new radios, new software, and new LCD monitor screen.

George KCØBH worked as Net Control (upper left photo). Dave KCØTGT handled trailer transport, setup, tear-down, and APRS. Al WØRC also did APRS setup and control. Hams who provided communications for the sag wagons were John WØJGY, Shirley KØDCW, Lyle KØLR, and Darrell ABØVP (lower right photo). Rovers were Roger WØWUG and Kathy KØTHY (lower left photo). Shadow for the event organizer was Paula WØHA. Rest-stop Hams were Curt NØCRM, Skee WØDCY, and Terry KIØFW.

Story by Terry KIØFW and photos by Paula WØHA.



## Annual ARRL Field Day on June 23rd and 24th



In total, 310 contacts were made on Field Day by the Brainerd Area Amateur Radio Club.

Those participating this year included John

WØJGY, John's wife Terri (no call sign yet), Charles W5CCL, Lyle KØLFV, Skee WØDCY, Curt NØCRM, Curt's son Steve KCØYTE, Dave KCØTGT, Mark WØMH, Paula WØHA, Terry KIØFW, Gary KØPOW, Tom WØQF, Jim KCØWME, Steve WØTNT, Jim WØIRE, Roger WØWUG, Greg NØLJY, and Brian KØEOU.

Terry KIØFW built an 80-meter horizontal loop, John WØJGY brought a new 40 through 10 meter vertical loop, and Skee brought a new 80-through-10 meter GAP vertical.



There was a write-up in the Brainerd Dispatch newspaper and a nice mention on KLKS Radio in Breezy Point, MN. Both brought visitors to the site. That included Ray KØMRM of McGregor, Terry KBØOFM of St. Paul, Blenda Hagberg (no callsign yet) from KLKS Radio, and curious members of the general public.



Thanks to Debby and Larry Goble, of Gobles Sewer Service, for supplying a toilet facility for the BAARC crew. Debby is the daughter of John KBØRW of Aitkin, MN, who passed away a few years ago. The service was provided at a reduced rate in John's memory.

The weather was great with overcast skies for most of Saturday. Temperatures reached the high 80's, but it was pleasant because of a light wind. A great time was had by all.

Lyle KØLFV was the BAARC 2007 Field Day Operations Chairman.



**BAARC Members, can you help us with the Hamfest?** It involves working a few hours on Friday, July 13<sup>h</sup>, starting at noon to set up. On the day of the Hamfest, July 14<sup>th</sup>, we need people to generally assist where needed and help take down tables. It is over by 3 PM. **de Fritz WØKO**

**Five years ago in the BAARCer:** The June Fox Hunt was won by Jim WØIRE.

**For Sale:** 48-foot Rohn 25 tower with two sets of guy brackets. Hy-Gain model EX 14 " Explorer 14" four-element, three-band beam for 10/15/20 meters. Highly rated on <http://eham.net>. To be sold as package for \$185.00. If interested, please contact Steve Weber at 218 828-1129 or Email: [mrsteveweber@gmail.com](mailto:mrsteveweber@gmail.com)

**For Sale:** Icom 2 AT--2-meter HT with many accessories, including speaker/mic, and mobile mag-mount antenna. Good condition. \$100—call Paul NØEQV at 218 825 4906 in Baxter.

**Shirley KØDCW will be running the kitchen at the Brainerd Area Hamfest on July 14th.** She could use some help. Also, she needs pans of bars/brownies to sell that day.

The **Annual Fox Hunt and Picnic** is being planned for August 18th. Stay tuned for details.

**Congratulations to John WØJGY** for becoming a Volunteer Examiner.

The **Collegeville 147.015 Repeater** is down for repairs and will be back up again soon.

Steve Williams, son of **Roger WØWUG**, is also a ham. He is KAØNCS (no common sense) according to Roger.

**At Breakfast on Saturday, June 16th:** Fritz WØKO, Skee WØDCY, Jim WØIRE, Paula WØHA, Mark WØMH, and Charles W5CCL. Skee brought the instruction manual for his new GAP vertical antenna.

**Radio City** will be at the Brainerd Area Hamfest on July 14th.

**Congratulations to Shirley Doree.** She upgraded her call from KCØDCW to **KØDCW**.

The **Habitat For Humanity** organization is holding a bicycle ride that will go through the Brainerd Area on July 19th and 20th. They will be using the 147.225 MHz+ repeater. Last year they raised \$200,000 for their charity.

**Real Ham:** You know you are a real ham if you answer a telephone with, "QRZed?"

If you have an idea for a meeting program, please let BAARC Vice-President, Jim WØYA, know. His phone number is 218-692-4030.

**Silent Key:** We regret to announce the recent death of Dennis V. Halverson, NGØY. Dennis was a military veteran and lived in Nisswa. He was also a member of the BAARC for some years and was active in Civil Defense. Fritz WØKO remembers him as a former student and all-around craftsman who resourcefully built his own home. Our condolences to his children and family.  
**de Fritz WØKO**



# Brainerd Area Hamfest

## Amateur Radio and Computer Equipment



ARRLSanctioned

### Saturday, July 14, 2007, 9 AM to 2 PM

BRAINERD NATIONAL GUARD ARMORY (in Southeast Brainerd)  
1115 Wright Street, Brainerd, MN — GPS N46-20.179, W94-11.543

## Prizes / Food / Fun / Raffle

### Our Biggest Hamfest Ever

Tickets at door \$5.00. Children under 12 free.  
Parking is free. All events and sales indoors.  
Tables \$10.00 each (best to reserve in advance).  
WØUJ talk-in 147.225+ (no tone)  
Chatter on 145.13- (no tone), 443.925+ 110.9 Hz, 53.110- 123 Hz.

**Need not be present to win the Grand Prize. You must be present to win other drawings.**

Free on-street parking. Food, beverages, commercial vendors, & door prizes.

75% of items to be sold must be Ham Radio/computer/electronics related.

Sponsor: BRAINERD AREA AMATEUR RADIO CLUB, INC. <http://www.brainerdham.org>

Lodging: <http://explorebrainerdlakes.com> and <http://www.brainerd.com>

Directions: From the south, come into Brainerd on Business Highway 371. A few blocks after the Ramada Inn (formerly the Holiday Inn), turn right on Wright Street. The Armory is about three blocks east on the left side. From the north, east, and west, go to the center of Brainerd and turn south on Highway 371 (also known as South 6th Street). Before the Ramada Inn (formerly the Holiday Inn), turn left on Wright Street. Go about three blocks to the Armory, which is on the left side of the street.

\_\_\_\_\_ cut & mail \_\_\_\_\_

Table Reservations for the Brainerd Area Hamfest on Saturday, July 14, 2007.

Admission ticket (\$5.00) required for each person to enter the display area.

Table reservations (\$10.00 each) do not include the \$5.00 admission per person.

NAME \_\_\_\_\_ CALL \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

E-mail address \_\_\_\_\_ Phone \_\_\_\_\_

Number of Tables \_\_\_\_\_ @ \$10.00 each = \$ \_\_\_\_\_

Number of Admission Tickets \_\_\_\_\_ @ \$5.00 each = \$ \_\_\_\_\_

Total amount submitted with this request \$ \_\_\_\_\_ No refunds

Electricity Requested \_\_\_\_\_ (Limited availability. First-come, first- served basis)

Make checks payable to: BAARC and mail to: BAARC 33247 E. Shamineau Dr., Motley, MN 56466

Provide SASE if you want tickets & table verification mailed. Otherwise, pick up at the side door.

**Sunday Night Net Control Operators on the 147.225 MHz+ Repeater at 8 PM:**

|         |         |       |
|---------|---------|-------|
| 7/01/07 | Skee    | WØDCY |
| 7/08/07 | Lyle    | KØLFV |
| 7/15/07 | Jim     | WØIRE |
| 7/22/07 | Fritz   | WØKO  |
| 7/29/07 | John    | KØJO  |
| 8/5/07  | Paula   | WØHA  |
| 8/12/07 | Mark    | WØKO  |
| 8/19/07 | Shirley | KØDCW |
| 8/26/07 | Al      | WØRC  |

Can't make the schedule? Find a substitute operator. BAARC Sunday Night Net Control Coordinator is Fritz WØKO. Contact him to volunteer. [finn.kraut@charter.net](mailto:finn.kraut@charter.net) 829-1329.



**BAARC**, Inc.

Ham Radio at its best in the Lakes Area  
Affiliated with the ARRL

Find us on the Web:

<http://www.brainerdham.org>

**- - - Upcoming Membership Meeting - - -**

**The July 26th Membership Meeting** location and program have not yet been decided. An e-mail to all club members will be sent in advance of the meeting. Also listen for an announcement on the Sunday Night Net.

**Don't miss the Brainerd Area Hamfest on Saturday, July 14th.** See your Ham friends and help the Club by being a part of this annual event at the Brainerd National Guard Armory at 1115 Wright Street 9 AM to 2 PM. Contact Al WØRC to help in the effort.

Shirley KØDCW will be running the Hamfest Kitchen and could use some help. Also, she needs pans of bars/brownies to sell that day.

**The Annual Fox Hunt and Picnic** is being planned for August 18th. Stay tuned for details.

**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