



The BAARCer



June 2009

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

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Al Doree **WØRC**

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Darrell Schneider **ABØVP**

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John Myers **W3MQD**

Director-At-Large:

Roger Williams **WØWUG**

Trustee + BAARCer

Editor:

Fritz Bertelt **WØKO**



Lyle KØLFV, Al WØRC, and John WØWY (l-r) were attendees at the 2009 Dayton Hamvention. They all shared interesting information at our May meeting at the Brainerd Fire Hall. Hams from all over the world come to this event. Seminars. Prizes. Best Flea Market. At a cost of only \$39, it makes it enticing for others to want to attend in 2010.

Index

Minutes of Last Mtgs	2
WØZPE DX Report	3
March of Dimes Event—APPEAL	4
Hamfest 2009 Flyer	5
2009 Field Day Info	6
BIKE TOUR—WØWY & Pictures	7
Latest Important News	8

— **Events Calendar** —

Sat., June 20, Club Brkfst. @ Northwind Grille, Brd. @ 9
Sat., June 20, FREE Workshop on APRS, GPS, I-Gate, etc.-from 9-3 @Fire Hall
Thurs., June 25, Club Mtgs @ 4 (Board) and 7 (Membership) at Fire Hall
Sat., Sun., June 27 + 28—Annual ARRL and BAARC Field Day— details p. 6
Sat., July 4, Club Brkfst and Independence Day @ Northwind Grille, @ 9 in Brd.
HAPPY HOLIDAY—God Bless the USA!!
HAMFEST JULY 18--SATURDAY—BRAINERD
TALK IT UP IN YOUR QSOs.

May Board Meeting—MINUTES PROVIDED BY STEVE KCØYTE, VP, Acting Sec.

Thursday, May 28, 2009 3:40 PM

Attendees for the St. Cloud/BAARC Meeting were:

Al WØRC, Darrel ABØVP, Lyle KØLFV, John WØWY, Terry KIØFW, Roger WØWUG, John Meyers W3MQD, Shirley KØDCW, Jim S. WØJDS

Hospital Net Meeting:

Linux: Al will investigate the Packet program that the Duluth Dog Sled Race used.

It uses a standard packet freq....a form is filled out online so to speak.....enter time and bib number and send.

They also use an Outpost script to perform the links.

Mille Lacs Band, Isle, Little Falls, St. Cloud, Clear Lake, Brainerd, Pequot Lakes? Are all Packet nodes that are up and working?

Long Prairie can get into Little Falls.

Lyle will set Al up with a computer that has Linux on it.

General Meeting:

- Voice Part: Update of .225 moving to Gull Lake. 225 duplexer is all tuned up should be ready to go. Need to coordinate—WJJY to go to low power or no power. Work through Dave Cox or Mike Boen? Have a meeting explain the situation get a couple of dates and work with Dietz Brothers. Nothing planned this year. Go to tone on the new tower site? Al will check on tones. Mille Lacs Band packet node down; probably due to the power outage.

Move the APRS node to High Rise? Roger found nice cabinet for it. We will need to find an open antenna site on the roof.

We also need to take a trip up to the roof and mark cabinets, cables, etc.

I-Gate nearly ready to go on the high-rise as well.

- Al and Lyle will be building a long-wire antenna (80/40 meter trap dipole) for the EOC... TS-450 at the Courthouse. We should think about configuring this as an NVIS antenna for ARES-type activity.
- The Wadena Club to rename its repeater to KØJO (associated repeater and the club call sign).
- Sebeka APRS node work to be done by Al (Chad Haugen—what is his status?) Steve will check on a potential tower climber from his work. (Anthony?)

Misc. APRS talk—by Al WØRC. He will be putting on a special program if you want to learn more about this subject and its connection to GPS and Ham Radio. It will be Sat., June 20, from 9-3 at the fire Hall—and it's free.

John WØWY showed the members a neat video of an interview conducted with "Four winds" TV personality Ray Gildow, former administrator at CLC. The two covered many facets of Ham Radio. You may have seen the program on the local access channels.

Fritz WØKO agreed to send out Press Releases for the 2009 Field Day Event.

NOTE—Because of busy personal schedules, Steve filled in for Darrell. Our thanks to Steve. These minutes here will be updated as necessary when Darrell ABØVP, our regular secretary, will fill this page.



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 of Ham Radio. **In addition, the Club endorses and honors the Radio Amateur's Code : The radio amateur is considerate, loyal, progressive, friendly, balanced, and patriotic.** 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>

DX and the Paper Chase

The last 42 entries in my computer log are ALL DX , thanks to sunspot group 1017 that is now on the run hopefully to be replaced with another group. The DX was more than plentiful with European operators staying awake well past midnight working North America with ease. The sunspot group is part of Cycle 24 appearing on May 13TH with 13 sunspots. The 17-meter band opened late in the afternoon with great signals. My QSL card from Mongolia (JT1) arrived with a quick 5-week turnaround and don't I wish they were all that quick. During the new sunspots I was able to work 2 new countries: Borneo, East Malaysia (9M6) and Togo, West Africa (5V7) with my QSL cards already on the way. The FCC, with some nudging, has assigned the call KØJO to the Wadena Radio Club memorializing John Oehlschlager's (SK) call sign. The WAARC is proud to have John's call, and in the near future Al WØRC repeater trustee will change the CW ID to send John's call sign. I'm excited about the new Cycle 24, even though the pundits are calling the cycle a "weak" one,—but if the DX keeps coming down the pike as it did the past 2 weeks, bring it on. I was visiting a web site several days ago and found this wonderful proverb: "It's not the class of license an amateur holds, but the class of the amateur that holds the license." How great is that? Remember to sit down at your radio, pick up the mic and call CQ because someone somewhere is listening for your call. So long from Huntersville, 73 and good DX from Bob/WØZPE.

Bad WX Season is Here: Be aware! Be a storm watcher and observer. Get on the Repeater when warnings or watches are issued. Also every 1st Wed. of the month, the Bio-Terrorism Task Force Net is activated: The hospitals and other public entities are involved. Can you help? Check 147.015 rprr.

The March of Dimes Walkathon on Saturday, May 2nd, started at Central Lakes College, and the walk was approximately 2 miles in length. This year there were about 250 walkers of all age groups, which appeared to be an increase in the number of participants as compared to previous years. The weather was perfect for the walkers.

Several BAARC members were asked to monitor critical intersections; the hams participating, on behalf of the radio club, were Charles W5CCL and Terry KI0FW. Fortunately there were no mishaps or problems during the event. —Report and Photo below by Terry KI0FW



An Urgent Appeal to BAARC Members:

At the May meeting our officers are asking all members to consider placing their names in nomination for the 2010 Officer Slate. The present officers said they would like to see more involvement of others in the leadership, and they previously agreed to serve just one more year—2009. Present and some past officers have taken on other duties in addition to their roles for the BAARC. Some have served multiple terms; they cannot and do not want to keep doing this. So—here is your chance to make a difference: please volunteer to run for President, Vice President, Secretary, or Treasurer. You are guaranteed to get help from the past officers and other members active in the Club. What is the alternative: Maybe shutting down the Club due a lack of general interest—called apathy. We do not want this Club to die. Can you help? Make your interest known to the leadership now and help us. There is plenty of lead time until the election this fall. When the nomination committee members call on you, respond—positively, please. In addition, we are still collecting the 2009 dues. Is yours paid? Is your Club info up to date with the Treasurer? Please help us!



Brainerd Area Hamfest

Amateur Radio and Computer Equipment



ARRL Sanctioned

Saturday, July 18, 2009 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

VE TESTING – 10:00 AM

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- 110.9 Hz tone, 443.925+ 110.9 Hz, 53.110- 123.0 Hz

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

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

75% of items to be sold must be Hamfest/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 Red Roof 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 Red Roof 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 18, 2009

Admission ticket required for each person to enter the display area.

Table reservations do not include \$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) Make check payable to:
BAARC Mail to: BAARC, 33247 East Shamaineau Drive, Motley, MN, 56466 or Lyle Amundson, 12972 Morningside Drive, Merrifield, MN, 56465. Provide SASE if you want tickets & table verification mailed. Otherwise, pick up at the side door.



The Field Day Story



Where the spirit of “Amateur Radio Past” joins forces with the Next Generation of Innovations, Interests and Individuals!!! ARRL Field Day is the most popular on-the-air operating event in amateur radio. On the fourth full weekend in June, tens of thousands of amateur radio operators gather for a public demonstration of our service. Field Day is part educational event, part operating event, part public relations event – **and ALL about FUN!**

Amateur radio is about knowledge and growth. It is a hobby and service that truly offers “something for everyone.” **Amateur Radio embraces both the old and new.** While CW may no longer be a testing element, it is still a strong and favorite operating mode for many. Tens of thousands of operators are embracing digital technologies, from RTTY to newer digital modes like PSK31 and Olivia. Phone operation, probably the largest segment of the hobby, also has new frontiers to be explored with digitized voice, VOIP, and IRLP. And this is why Field Day – the largest annual on-the-air operating event – is so exciting. It gives all – the old timer and the newcomer, the brass-pounder and the computer assisted operator – the chance to share and teach the broad range of modes and technologies we find in our hobby.

Field Day is truly the time in which **we bring amateur radio to Main Street USA.** By setting up in parking lots, malls, Emergency Operations Centers, parks and even at home, amateur operators learn skills that will allow them to better serve their communities. Setting up in these public venues gives added public relations value – their friends and neighbors can see and experience the fun and public service capability that their “ham radio” neighbors bring to the community.

BAARC Field Day 2009

Cuyuna Country State Recreation Area Cuyuna Overlook
Talk-In Frequency 147.225 Repeater

Friday June 26th Late Afternoon

Deliver Communications Trailer & Tower Trailer to FD Site
Camping available at FD Site Friday & Saturday Night
Porte Potty delivered Friday afternoon

Saturday June 27th Morning

8:00 am Breakfast Downtown Crosby – Marv’s N Country Café.
Monitor 147.225 for talk-in.

9:00 am Set-up communication trailer, install antennas and check out radios & support equipment.

1:00 pm Field Day Operations starting time.

5:30 pm Supper meal in Ironton or bring food to eat at Field Day Site. Monitor 147.225 to confirm location.

7:00 pm Camp Fire and Snacks at FD site.

BAARC Field Operations from Saturday June 27th 1:00 pm thru Sunday June 28th 12:00 Noon

Sunday June 29th

12:00 Noon Teardown of Antennas and Equipment.

Geocaching - Bring your GPS and go hunting in the Park for a Geocache. You just might find something very interesting.

Note: Bring a 2M H/T or have your Mobile on to keep in touch with all that is going on to stay informed of any activity changes that might occur during the BAARC 2009 Field Day Exercise. (Info provided by Lyle KØLFV, BAARC Field Day Coordinator)

ARRL Field Day Locator—Search Call Sign **WØUJ**

<http://www.arrl.org/contests/announcements/fd/locator.php>

20th Anniversary Tour of the Lakes Bike Ride

The BAARC enjoyed taking part in a piece of history, of sorts, by participating in the 20th Anniversary running of the Tour of the Lakes bike ride sponsored by Paul Bunyan Cyclists. Just over 1,200 cyclists rode one of two routes, a short one of 35 miles and a longer more challenging one of 65 miles. Both routes began and ended at the new Forestview Middle School with the shorter route staying mostly in Baxter and going as far north as the dam on the Gull River. The long route left the dam area and went around the west side of Gull Lake with a rest stop at Kelly's Bar and Grill and a 20-mile loop around Agate Lake. Ham radio played an important part in both public safety and the efficient administration of bike tour activities. Units stationed at rest stops monitored traffic flow which at times was several hundred persons, re-connected separated families, and coordinated the SAG maintenance units. The SAG units all ran APRS, so net control operators could keep them spaced out on the routes and moving in the areas where the majority of bikers were. Working in the rest areas were John W3MQD, Alan AA0AS, Doug KD0ERE, Wynn KA3DQN, Charles W5CCL, Curt N0CRM, and Dave KC0TGT. Operating as SAG units were John W0WY, Shirley K0DCW, and Steve W0TNT. Net Control Operators were Steve KC0YTE, Jim W0JDS, and Dave KC0TGT. On Special Assignments were Terry KI0FW as "shadow" to the Race Director and Jim W0JDS with traffic control and providing SAG back-up and being rovers were Eldon W0MQO and Roger W0WUG. Participating as "regular riders," but staying in touch by radio were Lyle K0LR and Kathy K0THY. As always whether with us in person, on the radio, or by cell phone, Al W0RC (our club president) assisted with the APRS set-up, which was much appreciated and vastly contributed to a flawless operation in that mode.

Our thanks to everyone who participated, and to those who volunteered and had a last-minute change of plans and couldn't make it, we still say a BIG THANKS. This event was very successful and very much appreciated by the sponsor Paul Bunyan Cyclists.

Report provided by John Luce, W0WY, and BAARC Public Service Events Coordinator. Photo Courtesy—John W0WY.

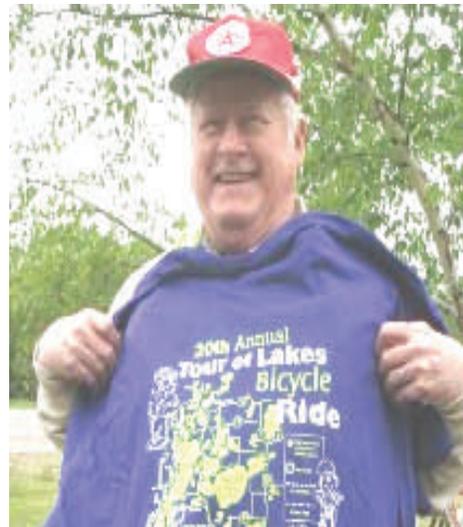
ALL HAVING FUN



Shown top left is KI0FW taking a break. Top right is W0WUG with Annie and two others on their left—all enjoying a root beer floats (?).

Bottom left is Jim W0JDS with the microphone and Dave KC0TGT at the operating position.

At the right is BAARC treasurer John W3MQD with his newly acquired T-shirt.



SUNDAY NIGHT NET OPERATORS

6/07/09	Tom	KØHHF
6/14/09	John	KCØWCG
6/21/09	Bob	WØZPE
6/28/09	Marcia	WØZMC
7/05/09	Joe	KBØVYI
7/12/09	Scott	KDØFMK
7/19/09	Skee	WØDCY
7/26/09	Darrell	ABØVP

PLEASE, NEED HELP AS NCS!

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>

Thanks to all who have voluntarily paid up their

dues. Unfortunately there are still some who have forgotten to pay. Are you among them? Still only \$20/year—a bargain!!!

We are still looking for program ideas: Can you put on a program? Do you know of someone who could and would? Contact Steve KCØYTE, our VP @<Steve.Mott@landisgyr.com>

Remember the Hospital Net operates on the 1st Wed. @ 1 PM—take a listen! They prepare for emergencies—flu pandemics could trigger activities. Ask Al how you can participate.

SK—Harlan Bartel (KAØVGO), former member of the BAARC, passed away on May 14, 2009, at home in Aitkin. Harley was a nice guy and will be missed. We have sent a condolence card on behalf of the Club.

A sincere thank you to Gary KØPOW for donating a first-aid kit for our communications trailer. It was certainly needed. Thanks for looking out for our health, Gary.

KØJO Call Sign: John's call sign is now memorialized for the Wadena Club. So you will hear it on their repeater and operations. This honor is fitting since Oehenschlager was so active in that Club and contributed so much. Of course, we in the BAARC also had the honor of having John as a member.

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