



The BAARCer



July 2009

For Anyone Interested in Amateur Radio

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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:

Al Doree **WØRC**

Vice President + WWW

Editor:

Steven Mott **KCØYTE**

Secretary:

Darrell Schneider **ABØVP**

Treasurer:

John Myers **W3MQD**

Director-At-Large:

Roger Williams **WØWUG**

Trustee + BAARCer

Editor:

Fritz Bertelt **WØKO**

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Steve KCØYTE, our VP, presented an informative program on how you can use your Internet connection to access interesting ham radio-related video clips. For instance, he showed one featuring Bob Heil (K9EID). Many of us did not know how Bob started his audio business, all coming from an early love of music entertainment and of ham radio. YouTube seems to be a prominent source for these clips. Another clip Steve showed was of ham radio operator/sailor Walter Cronkite, who is also KB2GSD. Walter emphasized ham radio's reliability when all other systems fail in emergencies.

— **Events Calendar** —

ATTEND THIS EVENT: PRIZES, FOOD, VE TESTING, SWAP SHOP, ETC.

HAMFEST JULY 18--SATURDAY—BRAINERD

We need set-up help starting at 12 noon on Friday the 17th and Sat. Afterwards for Take down. VE's Needed also. HELP!!! (see p.4)

Thurs., July 30, NO BAARC MTGS due to our busy hamfest activities this month. Listen for updates on the Sunday night nets.

AUGUST EVENT: Look for details on possible annual Club Picnic with Fox Hunt—tentatively at the Merrifield Park. Sunday night nets will give updates.

June 25, 2009 - 4:00 PM - BAARC Board Meeting Minutes –

Brainerd Fire Station

President Al WØRC opened the meeting with Vice President Steve KCØYTE, Shirley KØDCW, John WØWY, Lyle KØLFV, Terry KIØFW, Treasurer John W3MQD, and Secretary Darrell ABØVP in attendance. Previous meeting minutes will be published in the July BAARCer (see page 3). The Treasurer's report included contributions of \$250 and \$111 for club work on the Nisswa Marathon and the sale of ham radio equipment by Lyle KØLFV. The Treasurer's Report dated 5/31/09 was unanimously approved after a motion by Lyle KØLFV and second by John WØWY.



Al WØRC led a discussion of Digital and Emergency Communication Activities:

- Brainerd APRS (I-Gate) High Rise. Presently running at Al's WØRC house.

- Tag and mark equipment and antennas at High Rise

- Gull Lake tower antenna installation

- Court House EOC antenna

- Donated repeater. Duplexer ready. Need channel elements. Work by Roger WØWUG.

- Superlink Discussion – Conclusion - There is no interest by BAARC to connect.

The meeting was adjourned at 4:53 PM – motion: Lyle KØLFV – second: Steve KCØYTE.

June 25, 2009 - 7:00 PM - BAARC Membership Minutes – Brainerd Fire

Station

President Al WØRC opened the meeting at 7:00 PM with twenty Hams and a guest in attendance. Previous meeting minutes will be published in the July BAARCer. Treasurer John W3MQD presented a Year-to-Date Financial Report dated 5/31/09 was approved – motion: Fritz WØKO – second: Doug KDØERE.

Upcoming BAARC events and activities were discussed:

- BAARC Ham Field Day event – June 26, 27, and 28. Participation is encouraged.

- BAARC Hamfest – July 18th – help is needed.

Lyle KØLFV brought personalized name tags that he prepared for BAARC members signed up for Field Day.

John WØWY on *Skywarn* reported that 8 club members called in and were standing by for service on June 18th from 7:00 pm to 9:00 pm when there was a possibility for severe weather that did not actually develop. John WØWY has discussed the procedure for Storm Spotter callouts with Crow Wing County and National Weather Service authorities. John WØWY discussed the preparation of a form for club members to submit information for participation in emergency events.

Steve WØTNT reported that the APRS meeting on June 20th was very informative and enjoyable.

Winning Drawings - Wynn KA3DQN, AARL 75 Years of Ham Radio – Doug KDØERE, Field Day shirt.

The meeting was adjourned at 7:58 PM.

Respectfully submitted, *Darrell ABØVP*, Secretary

COMPLETE and OFFICIAL MAY MINUTES

May 28, 2009 - 3:40 PM – BAARC/St.Cloud Radio Club Joint Meeting – Brainerd Fire Station

Members of the St. Cloud Radio Club were not available for the previously scheduled meeting. Discussion of the Hospital Net was by BAARC members attending the Board Meeting as listed below. Notes by Vice President Steve KCØYTE for this meeting and the General Meeting are in italics:

Linux: Al will investigate the Packet programs that the Duluth Dog Sled Race used. It uses a standard packet freq.....a form 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.

May 28, 2009 - 4:00 PM - BAARC Board Meeting Minutes – Brainerd Fire Station

President Al WØRC opened the meeting with Vice President Steve KCØYTE, Director Roger WØWUG, Shirley KØDCW, John WØWY, Lyle KØLFV, Terry KIØFW, Jim WØJDS, and Treasurer John W3MQD in attendance.

Secretary Darrell ABØVP arrived at the meeting at 4:02 PM. Treasurer John W3MQD reported that BAARC currently has 64 members on the roster.

The Treasurer's Report dated 4/30/09 was unanimously approved after a motion by Lyle KØLFV and second by Terry KIØFW. The Board approved using the existing BAARC net activities (including training) in such a manner as to qualify for ARES activity reporting following a motion by John WØWY and second by John W3MQD. The meeting was adjourned at 5:00 PM – motion: Lyle KØLFV – second: John WØWY.

May 28, 2009 - 7:00 PM - BAARC Membership Minutes – Brainerd Fire Station

President Al WØRC opened the meeting at 7:00 PM with twenty Hams and a guest in attendance. Previous meeting minutes were approved – motion: Jim WØYA – second: Jim WØJDS. Treasurer John W3MQD presented a Year-to-Date Financial Report dated 4/30/09 that was approved – motion: Jim WØYA – second: Lyle KØLFV. **President Al WØRC stressed that his commitment as President of BAARC was only for 2009 and confirmed that the present officers also expect to be replaced for 2010. Nominees for 2010 club officers are encouraged with the full support of the preceding officers and the entire membership.**

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 John Bowen? 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 a 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 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 has/will be re-naming their repeater to KØJO (also club call sign).

Sebeka APRS node work to be done by Al with qualified assistance including a tower climber.

The meeting was adjourned at 7:58 PM – motion: Jim WØYA - John W3MQD.

Respectfully submitted, **Darrell ABØVP**, Secretary





Mission Statement: 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

During the 1980's I lived in San Luis Obispo during the time of a deep recession and I can remember walking into an upscale boutique, where there was a sign mounted on a painter's easel that read "Recession not spoken here." Well, the solar minimum is not spoken here. DX is spoken here. The DX community worldwide has struggled with a Cycle 23 minimum for several years and...several false starts related to Cycle 24. As I type this column, sunspot group 1022 and 1023 are forming that have been ID'd as a Cycle 24 event. There is hope on the horizon (hopefully), and it's not coming soon enough. During this past month there has been hard-to-get DX, but it was out there with poor propagation and poor signals. In spite of these conditions, this station worked DX that was available and continued to enjoy its scarce availability. I always come away with a smile from the adrenalin rush of a DX station answering my CQ from somewhere in the world. The mailbox continued to bring another smile to my face with 2 new ones this month. Mozambique (C91) and Western Sahara (SØ4) are safely tucked away as I await the day I've worked 300. Hopefully we'll hear some good DX over the month of July, but you can't hear it unless you turn your radios on and remember: someone somewhere is listening for your CQ, so don't disappoint him/her. So long from Huntersville, 73 and good DX from **Bob/WØZPE**

Our Annual Hamfest: As was mentioned at the June Meeting, we will have the Club Table available for your donated items. Some Silent Keys' gear will be available as well. Members can also claim 90% of the sales if they are a paid up—non-members who want the BAARC to sell their stuff get 80%. This event will also have a VE Test Session. Yes, we will need your help for that too. So spread the word. Go to the our website if you need another printout of the flyer. Food and drink will be available again. This time we hear that WØZPE's famous chili will be served. Also, the kitchen crew needs help. Could you bring some baked goodies: cookies, bars, etc? You can also check with Al WØRC and Shirley KØDCW on any needed details. Clearly, we need your help. Members who work, of course, are eligible for prizes with the entry tickets—just like our visitors from around the state. Raffle drawings will also be done. Come to have FUN!!!

APRS Workshop Conducted 6-20-09 at the Brainerd Fire Hall. (Our thanks to John WØWY for the Info and Photos) Those attending were Lyle, KØLFV, Steve WØTNT, John WØWY, Gary KØPOW, Jeff KDØHBI, Charles W5CCL, Terry KIØFW, Doug KDØERE, and, of course, our club president and co-facilitator of the workshop, Al WØRC. He was expertly assisted by co-facilitator Lyle KØLFV. Thanks to the Brainerd Fire Department, which allows the Club to use their training room. The workshop began at 9:30 AM and was concluded about 1:30 PM, Saturday, June 20, 2009.

APRS information was shared regarding the set-up of various types of transceivers, HT's, mobiles, and several different types of GPS/TNC/APRS equipment. All were tested and appeared to be working before folks left. Al helped people understand the system as well as equipment operation in this new digital mode. Pictured below are some of the participants mentioned here.



Pictured in the top photo on the left are (l-r) Jeff KDØHBI with Gary KØPOW—both intently using their laptops.

In the top right photo are (standing) from left to right Lyle KØLFV, Terry KIØFW, and Steve WØTNT eagerly listening to and observing the instructions from Al WØRC (co-facilitator), seated at a laptop.



The bottom photo shows (l-r) Charles W5CCL and Lyle KØLFV (co-facilitator) absorbing the wealth of info.

PARADE Day—4th of July—the American Independence Day

This day also had some hams participating in two local parades: One in Crosby-Ironton and the other in Brainerd. Pictures taken show Charles W5CCL in both parades representing our hobby and our Club—complete with logos and banner. The top C-I picture was taken by Kathy KD5EGN, Charles' better half. The Brainerd photo below was provided by Steve W0TNT.



Note the patriotic theme with the traditional red, white and blue banner with Old Glory on the back and the POW-MIA banner beneath.

The proud flag waves as the the float is pulled by the big American made Ford truck of W5CCL.



Thanks for representing the Club and showing America's true colors on this important day, Charles.

Field Day 2009 : Governor Pawlenty issued a commemorative proclamation for the two days of the event recognizing the value ham radio operators are to our state. You can see the entire document by going to <http://www.mn-section.org/section2.htm>

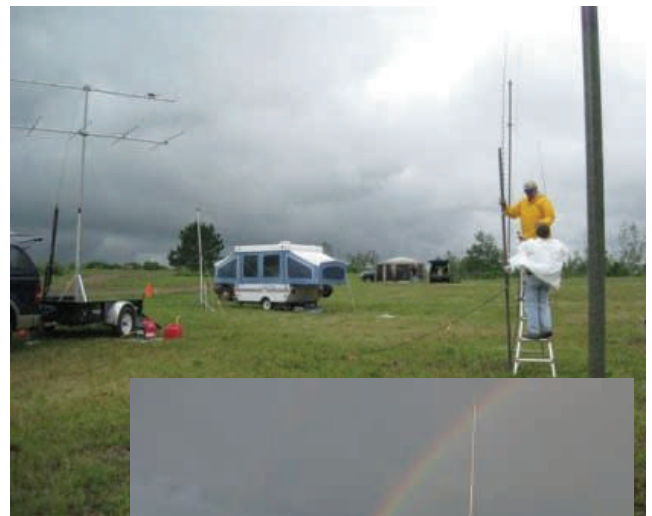
The BAARC Field Day is one of the most popular on-the-air operating events in Amateur Radio, which again took place at the Cuyuna State Recreation Area located near Ironton. Activities started Friday afternoon with a number of local hams bringing their personal equipment and antennas including the BAARC Communication and Tower trailers. Setup of the Club and individual antennas and equipment started Saturday morning after a hearty breakfast in downtown Crosby. By late morning all of the Operating Stations were set up and ready for the Field Day Exercise starting Saturday at 1:00 PM. During the weekend activities approximately 25 Local Hams either visited and/or operated one of the Field Day Stations. Also a few visitors, numbering around 10, showed up to see what was going on. A BAARC handout was available to visitors with information about Ham Radio and our local Club activities. Many contacts were made not only by the Hams operating from the Club Communications trailer, but also by those Operators who set up their own personal stations. The final number of contacts will be published in our next **BAARCer**.

Clearly, Field Day is a weekend of amateur radio operators gathering for a public demonstration of our service. In addition, it's educational, it's operating and communicating with other stations, it's public relations, and it's about having fun while enjoying a great hobby.

What is amazing to me is to see fellow radio operators bring their equipment, which includes antennas, power sources, radios, tents and or trailers--and then assemble the pieces in a way to effectively communicate. It did not seem to make any difference as to the age of the equipment nor to the complexity of the antenna systems--every FD station was able to effectively communicate with other stations—and that's what it's all about. Hope to see you next year for another great and rewarding Field Day experience.

73, Lyle KØLFV

The two top pictures (both courtesy of Darrell ABØVP) show set-up. Upper left (l-r) Wynn KA3DQN, Jeff KDØHBI, Lyle KØLFV (FD organizer), and Alan AAØAS assembling the yagi. Upper right shows two other Club members setting up antennas beneath cloudy skies.



Lower left shows Terry KIØFW getting an antenna ready. On the lower right are Doug KDØERE and Charles W5CCL beneath a rainbow.



(Bottom 2 Pix by John WØWY)

SUNDAY NIGHT NET OPERATORS

7/05/09	Joe	KBØVYI
7/12/09	Scott	KDØFMK
7/19/09	Skee	WØDCY
7/26/09	Darrell	ABØVP
8/02/09	Gary	KØPOW
8/09/09	Jim	KØLIO
8/16/09	Jeff	KDØHBI
8/23/09	Becky	KDØHBH
8/30/09	Tom	KØHHF

Can't make the schedule? Please find a substitute. BAARC Sunday Night Net Control Coordinator is Fritz WØKO. To volunteer, contact 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>

Harlan Bartel—KAØVGO-SK: The BAARC received acknowledgment of the Club's condolences recently sent to the Bartel family. Sandra Bartel, KBØHBF, wrote: "Thanks so much for remembering our family at this time. It is deeply appreciated and will be remembered. Also thanks for the card and note of sympathy."

CORRECTION TO THE JUNE 2009 BAARCer: We inadvertently left off listing Jeff KDØHBI as a full participant in the June 6, 2009, Tour of the Lakes Bicycle Ride. Our apologies to Jeff.

DUES—Yes, we do not yet have everyone's dues in for the cycle (Jan. 1-Dec. 31). It is still only \$20/year—a bargain when you compare it to what we offer our members. Plus, you get to read this fabulous **BAARCer**. Hi! John W3MQD, our able and hard-working treasurer, would like to see the official membership go from the presently paid 66 to perhaps again close to 100. That is possible. Please do your part. Info on the website also.

APRS (Automatic Packet Reporting System) is working, according to Al WØRC. The unit is being tested at his QTH and will be moved to the identified Brainerd location soon.

ARES/WX Events: WØWY, Crow Wing County EC, and John KDØCIZ, of Crow County Em., Mgt. would like you to get on the repeater and be available to report any threatening WX conditions. Remember, NWS radar sees only above 8000 ft.

United We Stand



First Class Mail
Address Correction Requested

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