



The BAARCer



July 2010

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
 MNBRD, BRDBBS
 144.390 WØUJ-5 APRS
 Crosslake 147.030 MHz+
<http://brainerdham.org>

OFFICERS

President:

Charles Lane **W5CCL**

Vice President + WWW

Editor:

Steven Mott **NØCRM**

Secretary:

Ron Finger **KØGOP**

Treasurer:

Doug Bergsnev **KDØERE**

Director-At-Large:

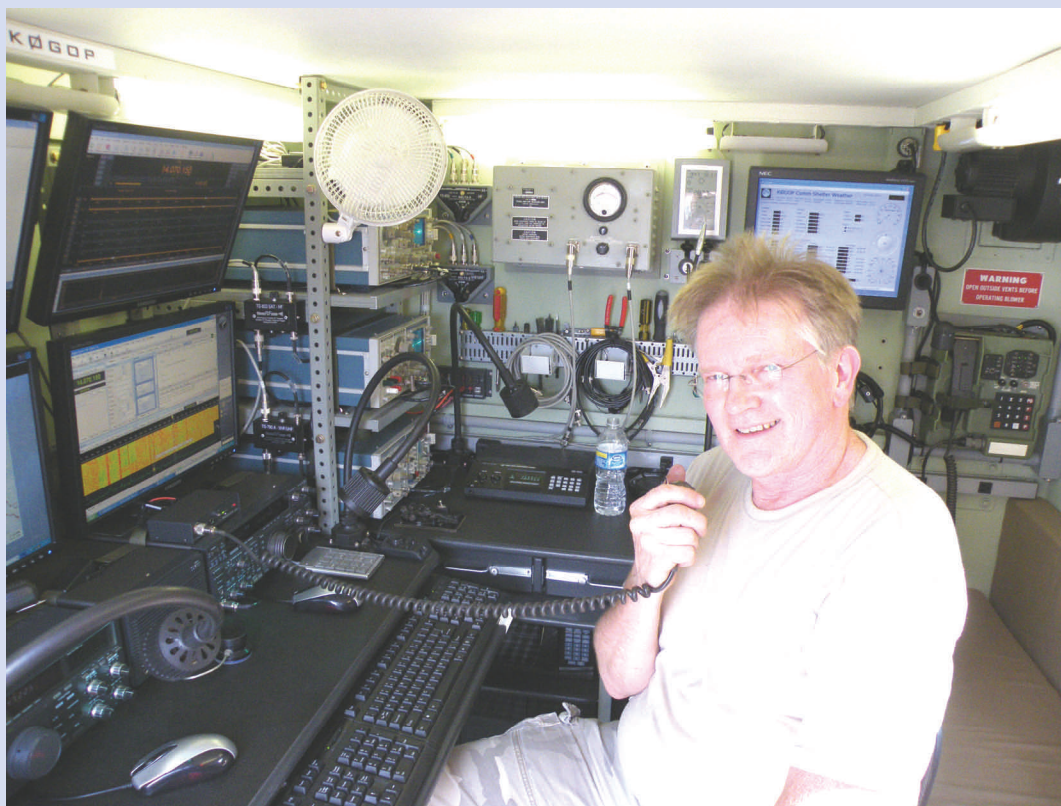
Roger Williams **WØWUG**

Trustee + BAARCer

Editor:

Fritz Bertelt **WØKO**

Ron Finger, KØGOP, shown in his **Converted Military Communications Shelter**. He purchased the unit from government surplus and transported it to his home. It weighed 770 pounds, made mostly of aluminum, and cost Uncle Sam \$14K originally. The transport from the East was an anxious experience. Now he has the satisfaction of using ham radio with it. BAARC members enjoyed his neat presentation.



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— **Events Calendar** —

July 3, (Sat) Breakfast at 9 at the Northwind Grille

July 17, (Sat) Breakfast at 9 at the Northwind Grille

July 23, (Fri.) Volunteers needed for set-up for Hamfest at Armory @ 12 noon.—Bring baked goods/cookies to be sold next day.

July 24 (Sat.) Our Hamfest @ Armory—Volunteers Needed —Bring your Vests—Come early on Saturday. VE testing, Food, and Drink Available, Bring cookies and or bars for Club to sell. See Website for Hamfest Flyer for Details.

July 29, (Thurs.) BAARC Board Mtg. @ 4 & Membership Mtg. @ 7 P.M. Brainerd Fire Hall.

Coming: Full Field Day Report with Pix in August BAARCer
CHECK THE SUNDAY NIGHT NET FOR UPDATES AND INFORMATION

Governor Tim Pawlenty has issued a proclamation for Amateur Radio Operator Recognition Days to be June 20 and 27, 2010. Click on the thumbnail to get to the full sized PDF file. You may print this and prepare for the event.

Thursday, June 24, 2010 - 5:00 PM - BAARC Board Meeting Minutes

President: Charles Lane W5CCL

Past President: Al Doree WØRC

Vice President: Steve Mott NØCRM

Past President: Lyle Amundson KØLFV

Treasurer: Doug Bergsnev KDØERE

Secretary: Ron Finger KØGOP

Our special thanks to Mike Sideman, KØBUD, our Public Information Coordinator for his work in getting this proclamation from the governor's office.

President Charles W5CCL opened the meeting at 5:07 PM with 6 board members in attendance. A motion to accept the published minutes for May as approved. The Treasurer's Report was then presented by Doug KDØERE and approved following a motion by Lyle KØLFV and second by Steve NØCRM. The Treasurer reported an increase in Integra's monthly rate for our Club repeater phone patch feature. Doug also reported that 2 Spring Dinner reservation payments were still outstanding from May.

Upcoming Events: Lyle KØLFV discussed the ARRL Field Day event coming in 2 days. Lyle had sent information to all Club members, and had also made name badges for each with the **Field Day 2010** logo. He has also made available to all participating members, FD logging software for recording contact information. Al WØRC briefed our Treasurer on some of the procedures and responsibilities regarding the **BAARC Hamfest** in July. Prior to this Board Meeting, Lyle KØLFV had prepared several tables for the **Club Silent Auction** to be held throughout the evening. The auction items were generously donated by former BAARC member George Swanson, KCØBH for Club use and as a fund-raising auction for paid-up Club members.

Digital & Emergency Communications: The recent opportunity for area amateurs and Club members to assist the community of Wadena with emergency communications was discussed. Following the Tornado of June 17th, area Hams had the opportunity to serve that community by working with ARES and the local law enforcement and emergency communication agencies. Everyone who participated experienced that community's gratitude for the many volunteers.

Al WØRC informed the board about a new area repeater between Deerwood and Aitkin. Station NØBZZ is located 370 feet high on a 500 foot tower, and operates on a frequency of 146.36 MHz, - offset, with a tone of 203.5 Hz. It will provide the area with a VHF link to the LSAC repeater system. Al also reported the Club has purchased a Gin pole from KØJO which will be kept in the Club trailer.

New Business: Difficulties using the outdated software for the Club website were discussed by Steve NØCRM and Ron KØGOP. They will work together to find a better solution for updating the Club website.

The Board Meeting was adjourned at 4.57 PM.

Thursday, June 24, 2010 - 7:00 PM - BAARC Membership Meeting Minutes

Brainerd Fire Station

President Charles W5CCL opened the meeting at 6:55 PM with twenty-seven Hams and guests in attendance. A motion to accept the published minutes for May as approved, was made by Fritz WØKO, seconded by Chris KDØLFA, and passed. The Treasurer's Report was then presented by Doug KDØERE, and approved following a motion by John WØWY and second by Darrell ABØVP.

Upcoming Events: During the discussion of the upcoming **ARRL Field Day**, Park Ranger, and Club member Steve WØTNT reported that the road to the Overlook had not been graded, pending a Park decision for possible improvement. Steve advised everyone to use low speed and great caution while travelling the rutted road to and from the Field Day Overlook site. Following the Field Day event, Steve NØCRM will collect the log data gathered by Club members using the FD logging software provided by Lyle KØLFV. The **BAARC Club Picnic** in August was briefly discussed. **Fox hunt** organizer, Terry KIØFW, polled the membership as to their preference for a wide-field hunt using a 5 W fox, or a local hunt using a 100 mW fox. The consensus was to do both for a variety of challenges. Community & Special Events Co-Chairman Dave KCØTGT suggested hosting a **Special Event Station** in October, perhaps at the Club Station at BHS-South Campus. Al reminded Club bakers to remember the need for bars and cookies for the **BAARC Ham Fest** on July 24th.

Digital & Emergency Communications: The Wadena ECOMM effort and new NØBZZ repeater were discussed (see Board Minutes). Emergency Communications Director, John WØWY reported on the recent SKYWARN activation this month, and thanked the many Club Participants.

Old Business: Dave KCØTGT and others reported on the recent **Tour of the Lakes Bike Ride** with over 1200 riders. John WØWY suggested publishing a Club-monitored cell phone number in the future, that would allow riders in need of "Sag-Wagon" support, to call the Club trailer directly for assistance and routing by the BAARC Event Controller on duty. Charles W5CCL reported receiving no response as yet from the **Boy Scouts of America-Pine Tree District** regarding "Radio Merit Badge" help or participation in the international event, **Jamboree On The Air (JOTA)**. He will contact Nate Phillips, BSA, again to encourage their interest in Amateur Radio. On a related note, Al WØRC reported that the Walker repeater in Nevis had recently been donated to the BSA for their future use. John WØWY will wait to see what kind of estimate Charles W5CCL can get regarding a second source for the magnetic signs used for Club event vehicles.

New Business: Roger WØWUG is back home from the hospital following his recent heart attack. Fritz WØKO had sent a Get Well card on behalf of the club. Steve WØTNT spoke about his similar experience with a heart attack this winter, and how encouraging it was to receive a card from Fritz on behalf of the Club. Fritz received thanks from the Club membership, and a round of applause for his kind attention to these situations.

The Membership Meeting was adjourned at 7:55 PM.

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



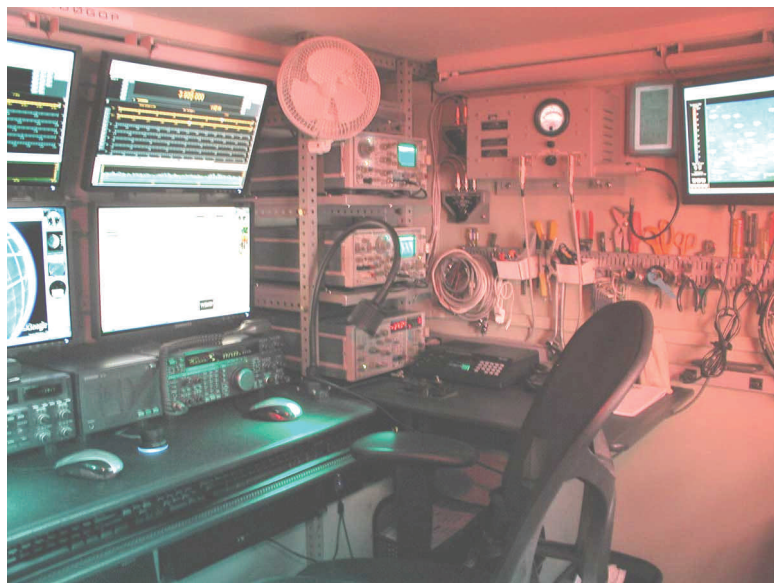
DX and the Paper Chase

The month of June? A big question mark it was, but here goes anyway. I ended up in St. Joe's (Brainerd) for 4 days hooked up to bag after bag of something looking much like water but a lot more expensive. After moaning and groaning "they" finally let me go home. It didn't take me too long to get back on HF after my hospital journey, but the bands were not cooperating. I have to say this: taking my own advice I soon was calling CQ with my beam heading to Europe in the morning and the Pacific in the afternoon. Sure, I did work DX with fair to poor signals because you never know who's out there unless you call. One evening out of either desperation or boredom the 17-meter beam was heading 225° towards JA-land very late in the afternoon knowing well that the Japanese like 17 meters—and it was evening in JA land. One CQ is all it took for the first JA to answer with a good clear signal. This really put a smile on my face. I worked 5 more JA's before the band started its early evening dance, and I went QRT after the signals began dropping out. I promise my readers: I do work DX almost every day because I don't give a hoot what the sunspot count is or the SFI for that matter. There is always somebody out there wanting to make a DX contact no matter what, and I keep my eyes and ears out for that station. In the meantime, there's plenty of good rag chewing to take up time and space for enjoying this fantastic hobby. Sadly and the most disappointing for me was not working the DXpedition to Palestine (E4X) because of the lack of good propagation from there to here. I did hear the operators occasionally with S3 signals, which is no way to get through the pileups—so I'll wait for next time around. It would be a good idea to take a page out of my book: sit in front of your radio and call CQ. Who knows—there may be a bunch of JA's waiting for your call. So don't disappoint them. So long from Huntersville, 73 and good DX from **Bob/WØZPE**.

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NEW/OLD CALL SIGN: Steve Mott, in honoring the memory of his Dad Curt who got him into the hobby, traded his old call for his dad's. So now we will hear a shorter call sign reminding us of Curt (SK) and looking forward to even more pleasurable ham radio operations. Now Steve is **NØCRM**—which will take some getting used to by us and also by Steve. We think it is a neat way to honor a ham, his dad, and his mentoring. Congrats, Steve.

KØGOP—Ron's Gem: *Turning Military Surplus into very a usable Communications Trailer:* The before on the left and the after below and on the right—after much work. He spent considerable time, effort, and money to make it sturdy and transportable.



He showed slides of his renovation work, first with the trailer and then with various add-ons. It is fully equipped to work in emergency situations. For that it has a generator and can power all its internal equipment—including air conditioning and radios. Interestingly, he has repainted it all—giving it that authentic military look—with lettering in all the appropriate places. Noticeable in this picture is the crank-up mast that originally held lights—now it can support antennas for FD and other camping events. Being a relatively new ham, Ron already had an interest in restoring/owning such a unit long before he became KØGOP. We thank him for hauling his shelter and Jeep to the Fire Hall.

ARRL News Regarding the 60 Mtr Band.

In May, the [FCC released](#) a *Notice of Proposed Rulemaking (NPRM)* -- [ET Docket No 10-98](#) -- Specifically, the Commission looks to modify the rules pertaining to the use of five channels in the 5330.6-5406.4 kHz band (60 meters) to replace one designated channel with one that is less encumbered, to authorize three additional emission designators, and to increase the maximum authorized power in this band. On June 15, a [summary of the NPRM was published in the Federal Register](#), which started the clock on the deadline for comments. Comments must be filed on or before July 15, 2010 (30 days after publication in the *Federal Register*); reply comments must be filed on or before July 30, 2010 (45 days after publication in the *Federal Register*). Instructions on how to file comments are listed [beginning on page 6 of the NPRM](#).

Emergency Communications Trailer Work Party — A Success!

The effort on Saturday, June 12, 2010, went extremely well, and the weather was reasonably cooperative. The trailer was parked at John Luce's residence, and he "hosted" the work party; we were able to plug into his electricity, pneumatic air pump AND he provided coffee! The Club hams in attendance were John WØWY, Al WØRC, Roger WØWUG, Steve KCØYTE, Lyle KØLFV, Al WØRC, Ron KØGOP, and Terry KIØFW.

Individual projects worked on included the permanent mounting of our emergency 440 repeater and duplexer inside the trailer, making a new 110-volt outlet on the outside of the trailer, repairing the rear taillights and rear dome lights, repair of the outside hand rail, replacement/retightening (and gluing) of the outside sheet metal screws that hold the metal siding in place, mounting permanent inside brackets to hold our 2-meter antennas, checkout of our vertical antenna mast, checkout/maintenance/start/run of our two emergency electrical generators, checkout/repair of one of the electrical fluorescent light fixtures inside—and replacement of inside and outside light bulbs, checkout/maintenance and recharging of our 12-volt battery, construction of a new enlarged desk surface for the front of the Ecomm trailer. Also cutting off/trimming some of the metal bolts on the inside of the trailer (from present and past projects). In addition, some of the crew assisted John WØWY to fine-tune his APRS digipeater. Hopefully I will have remembered all the Club members who participated and all the tasks we worked on. I appreciate the time and effort of all the individuals who participated. I am always amazed at the skill-sets of our members: their backgrounds are so diverse, and their different training, the depth of knowledge, and varied interests make them truly valuable resources for our Club. Above all, I appreciate that they offer their talents and time to the benefit of our BAARC. My thanks (again) also to John Luce for hosting the work party. —de Terry KIØFW, Trailer Project Organizer/Director. Photos (below) courtesy of KCØYTE and WØWY caught members at various stages that day. (Editor's Question: What role did the dog play?)



The 2010 Tour of the Lakes Bike Ride: According to chairman Dave Fournier, **KCØTGT**, it was a success. The WX cooperated and there was also lots of food. He thanks all the participants (not all of them are shown in these pictures provided by Pres. Charles **W5CCL**). The list of participants starts with the youngest and newest licensed, Dylan **KDØLFE**, **KDØERE**, **W5CCL**, **AAØAS**, **WØWY**, **KD5EGN**, **WØJDS**, **WØRC**, **KØDCW**, **KA3DQÑ**, **KIØFW**, and **KCØYTE**. Everyone had fun, and there were no problems of any consequence to report. A few bike breakdowns were reported and remedied. Again, we heard the Club's effort was appreciated.



Auction-Fundraiser Report: The sale of the donated items from George Swanson, **KCØBH**, was held on June 24, bringing in an estimated \$ 860 so far. Pictured here is George with Lyle **KØLFV**, who hauled the gear on May 31, then stored it. The collection, partially pictured here, was later tallied by Fritz and Lyle before the auction. Again, the Club's sincere **thanks to George and to Lyle** for his organizing effort for this Club fundraiser. Below are some more pix of the gear auctioned the night of June 24th—the rest at hamfests.



Big Thanks to Lyle KØLFV for doing most of the grunt work on this fundraiser and actually conducting the silent auction. Lyle really knows ham gear, its vintage, features , and value.

SUNDAY NIGHT NET OPERATORS

07/04/10	Jim	WØJDS
07/11/10	Joe	KBØVYJ
07/18/10	David	KCØTGT
07/25/10	Doug	KDØERE
08/01/10	Wynn	KA3DQN
08/08/10	Bob	WØZPE
08/15/10	Marcia	WØZMC
08/22/10	Fritz	WØKO
08/29/10	Doug	KDØERE

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>

Joe Bayliss, NØUME, was hospitalized in early June. On behalf of the Club, a card was sent to wish him well on his road to a speedy recovery. On a recent Net Joe thanked the Club for the kind thoughts, and he happily reported that the doctor told him his cancer was contained. Please continue to keep him in your thoughts and prayers.

Roger WØWUG Hospitalized. Roger had a heart attack and is now recuperating after being in the St. Cloud Hospital's Heart Center. We wish Roger well and pray for his full recovery. As is our custom, we have a sent a get-well card to him on behalf of the BAARC.

Condolences: Our sincerest condolences go out to Paula WØHA and Mark WØMH—and the entire Timman family on the loss of Paula's mother in June. Also keep them in your prayers. A card has been sent on behalf of the Club.

NEW REPEATER: Al WØRC reports that a repeater is now operational from NW of Deerwood. It is run by Randy NØBZZ of LSAC fame. It is identified as NØBZZ and requires a 203.5 Hz tone on **147.360** with a **plus** offset. It has very good coverage—to Sawyer on HWY 210. Soon it will become our best link into the LSAC system. Check it out for the coverage and watch for more details soon.

United We Stand



God Bless the USA!!! & Happy Independence Day!!!

FIRST CLASS MAIL
Address Correction Requested

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c/o M. Fritz Bertelt WØKO
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Brainerd, MN 56401