



The BAARCeR



November 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



Don Porter was the speaker at the October 25th BAARC Membership Meeting. He is member of the Board of Directors of the Dakota Gasification Company. That company is a part of Basin Electric, which is the second largest energy cooperative in the United States. Basin has invested extensively in electricity production from coal, wind power, coal gasification, hydrogen energy (test plant), and wasted energy recovery. Their plants are scattered across the Dakotas and Wyoming.

Don gave a fascinating talk on the difficulties of generating and delivering electric power. Basin Electric supplies energy to 2.5 million customers in Wyoming, Iowa, Wisconsin, Minnesota, Canada and the Dakotas. Minnesota alone consumes 10,000 Megawatts of power.

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———— **Events Calendar** ————

- Saturday, Nov. 3** 9:00 AM to 10:00 AM Informal breakfast meeting at the Northwind Grille.
- Sunday, Nov. 4** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Wednesday, Nov. 7** 1:00 PM to 2:00 PM Monthly siren and civil emergency test.
- Sunday, Nov. 11** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Saturday, Nov. 17** 9:00 AM to 10:00 AM Informal breakfast meeting at the Northwind Grille.
- Saturday, Nov. 17** 10:15 AM to 12:00 PM Emergency Communications Planning Meeting.
- Sunday, Nov. 18** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Sunday, Nov. 25** 8:00 PM to 8:30 PM Sunday Night Net on 147.225+ MHz.
- Thursday, Nov. 29** 4:00 PM to 5:00 PM BAARC Executive Board meets.
- Thursday, Nov. 29** 7:00 PM - 9:00 PM **Club Membership Meeting** at 300 Quince Street.
- Tuesday, Dec. 4** 6:30 PM VE Testing at Main Fire Station in Brainerd.

October 18, 2007, 2:00 PM - BAARC Board Meeting Minutes Northwest Pizza & Bagel



The meeting was opened by President Lyle KØLFV while in attendance were Vice-President Jim WØYA, Treasurer John W3MQD with Vi, Al WØRC, Roger WØWUG, Director-at-Large John WØJGY, John KØJO, and Secretary Darrell ABØVP. The report of the September Board of Directors and the General Membership Meetings as published in the BAARCer were accepted as written.

Treasurer John W3MQD presented the September 30th financial report to the Board. Jim WØYA moved approval of the financial reports that after a second by John WØJGY were unanimously approved.

The discussion of the Tom WØQF October 25th Benefit culminated with a motion by John WØJGY, seconded by Jim WØYA to make a BAARC contribution of \$250 to the Benefit; the motion passed unanimously.

Al WØRC showed photos of the foldout steps on the Communications Trailer and submitted the bills for the steps and other materials to complete the project within the budget approved at previous board meetings.

The meeting was adjourned at 3:55 PM following a motion by John WØJGY and a second by Al WØRC.

Respectfully submitted, **Darrell ABØVP**, Secretary

October 25, 2007, 7:00 PM - BAARC Membership Meeting Minutes – Brainerd Main Fire Station.

Vice-President Jim WØYA enthusiastically opened the meeting held in the Training Room of the Main Brainerd Fire Station with about twenty in attendance including guests. At the conclusion of opening introductions Vice-President Jim WØYA introduced Don Porter, Board Member of a Basin Electric subsidiary, whom Jim WØYA had arranged to present the program following the business meeting.

The Minutes of the September Membership Meeting as published in the BAARCer were accepted as written following a motion by Fritz WØKO that was seconded by Mike WAØLVG.

The September Financial Report presented by John W3MQD was unanimously approved following a motion by Paula WØHA and seconded by Terry KIØFW.

Nominations for BAARC Officers for the 2008 calendar year were announced as Lyle KØLFV—President, John W3MQD—Treasurer, John WØJGY—Director-at-Large, and Darrell ABØVP—Secretary. Steve KCØYTE—Vice-President was added following a motion by Mark WØMH that was seconded by Fritz WØKO. Vice-President Jim WØYA closely followed the proper protocol in seeking any additional nominations. Nominations were closed following a motion by Terry KIØFW that was seconded by Tom KCØNGJ.

An audit of the BAARC financial records following the 2007 calendar year was ordered to be made by Paula WØHA following a motion by Fritz WØKO, seconded by Tom KCØNGJ, and passed by a unanimous vote.

Operators are needed for Goblin Watch on October 31st. An Emergency Planning Meeting is scheduled for Saturday, November 17th, following the 3rd Saturday BAARC Breakfast. See website for details.

The business meeting was adjourned at 7:25 PM following a motion by Mark WØMH that was seconded by Randy KCØEGE.

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 Saturday, October 6th: Jim WØIRE, Fritz WØKO, Skee WØDCY, Paula WØHA, and Mark WØMH. They discussed how Amateur Radio Operators have used their skills in our nation's military over the years.

Five years ago in the BAARCer: Al WØRC received the "Region Four Communicator of the Year" award from the Navy-Marine Corps Military Affiliate Radio Systems (MARS). A Letter of Commendation noted his dedication and significant contributions to the MAES Program and to Amateur Radio. Also in that BAARCer, there was a report on the successful Special Event celebrating the new Club Communications Trailer.

At Breakfast on Saturday, October 20th: Jim WØIRE, Mike WAØLVG, Paula WØHA, and Mark WØMH. There was a discussion about aurora propagation.

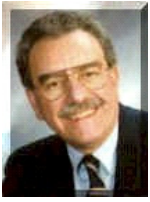
Ten years ago in the BAARCer: Sixteen hams from the BAARC handled communications for the Veterans World Cup Orienteering Event. Some 2400 people from around the world competed to race through the woods at Camp Ripley.

Our condolences to Fritz WØKO and family. Fritz's father, also named Fritz, passed away on October 17th at the age of 91+. A moment of silence was observed on the October 21st Sunday Night Net.

The October 7th BAARC Sunday Night Net was a short one due to a thunderstorm. John KCØWCG in Wadena disconnected his antenna and asked Fritz WØKO to take the net on an "inside" antenna.

Curt NØCRM was feeling fine as was on the October 7th BAARC Sunday Night Net. Monday he started catching a cold and by Wednesday he felt so bad he stayed the entire day in bed. By Thursday he went to a clinic and was immediately placed in a hospital for treatment of pneumonia. He was progressing and by Thursday of the following week it looked like he might come home. The switch from IV to oral antibiotics was probably a bit early; he started to go backwards and they placed him back on an IV. I was able to take him home on Wednesday, October 24th, and boy was he happy to be home again. He was greeted by many Hams on a local simplex net in Aitkin that evening, as well as a full group of people giving him a warm welcome back to the PICO Net at 9:00 AM on Thursday, which was Net Controlled by Lyle KØLR on 3925 KHz. We also tested out a new desk microphone that he was waiting to try while he was in the hospital. We had an hour-long QSO with a gentleman from Niagara, Canada. Welcome back, Curt!!! **Steve KCØYTE**

50 Years in a Great Hobby!



Stamp collecting was popular when I was in high school back in the 1950's, and I had friends who enjoyed that and collecting other things too. Electronics of all types and hi-fi music systems were what my friends and I were spending a lot of time and some serious allowance money on as well. I enjoyed music then as much as I do now, and I built several systems from kits, Heathkits, to be sure. (They were in the front of the catalog.)

I had a friend whose brother was a Ham Radio operator. Bob Sly was his brother's name and his call sign was WØBIM. He was my first Elmer and gave me and some friends our Novice tests in 1956. My call sign was KNØEEM, the easiest CW call to send and for others new to CW to copy. I made lots of contacts on 40 and 80 meter CW with my Heathkit AT-1. (A little farther back in the catalog.)

I soon found a neighbor on my newspaper route who was a Ham. His call sign was WØKVI, his name was Tom Wagner, and he was an engineer for Honeywell. What an inspiration both of these Elmers were to me as they were both very excited about the hobby and shared all kinds of information, both hands-on and otherwise. That's how I got my start. Since then I hope I've helped many others get into the hobby including my oldest son Andy NØREQ, of whom I'm very proud.

Over the years I've operated many modes as they have become popular and many different kinds and types of equipment, from converted military surplus to "totally from scratch." DX-ing is fun but collecting certificates never seemed to interest me. I do have WAS on 3-bands, which really was fun to get mostly over one winter; but FM and public service activities seem to be the area of the hobby that I keep coming back to as the most rewarding.

I belonged to 4 organizations during the 25-years I lived in the Twin Cities that helped to develop this interest for me. They were the following: Minneapolis Police Reserve Communications Unit ,where we equipped a truck for about everything; the Mobile Amateur Radio Corps of Hennepin County Sheriff's Department (same as the police reserve) (WØPZT); the Minneapolis Radio Club; and the Twin City FM Club, which picked special events to help and coordinate, like the Aquatennial and Twin City Marathon.

In the near future, I am looking forward to getting up antennas for amateur satellites and operating more on the digital modes as I wait for Cycle 24 propagation to improve on the higher frequencies.

All in all, the best part of the hobby for me has been the wonderful people I've met through it, in person and over the air. They've come from every walk of life with as many varied interests as I can think of. All contribute in one way or another technically and non-technically.

73's *John, W0JGY*

Club Meetings---a great place to do eyeball QSO's.



Steve KCØYTE agreed to run for the office of Vice-President of the BAARC. He was first licensed as a Technician on October 31, 2006, and moved on to General on March 14, 2007. Steve is married, has two very special daughters, and lives in Pequot Lakes, MN.

Steve started his career in the electronics field with Control Data Corporation working on one of the early 3.5-inch Wren disc drives. After that, he went to work for Rosemount Engineering in 1985 in their solid-state research and development facility. His responsibilities were to develop automated test stations for data collection and analysis of their high-and-low pressure strain-gauge transducers. At that time, the test stations were controlled using

HP-Basic and Steve eventually became an HP-UNIX system administrator for the data collection systems.

After 11 years at Rosemount Engineering, Steve and his family decided it was time to get out of the Twin Cities and started work at the young and upcoming Hunt Technologies, Inc. His responsibilities as the Functional Test Engineer there again were for automated testing equipment. After 6 years he went to work for Nortech Systems and was the Operations Manager for an electronics repair facility. The work was primarily on GE Medical Systems equipment: CT Scanners, X-Ray, Nuclear medicine cameras, etc. They were responsible for Global Repair Operations of over 350 individual circuit boards. Steve has now returned to Hunt Technologies and is an Engineering Project Manager.

Steve delved into Ham radio to be closer to his father Curt NØCRM. He remembers an old Hallicrafters multi-band shortwave receiver way back in the 60's (He actually hid it under his bed for a time, and would listen at night when he was supposed to be sleeping). Steve self-studied for the Technician, General, and Morse Code tests. When it came time to test at the Brainerd Fire Station, he failed miserably. So he went back the next day and aced the test (ask Mark WØMH and Paula WØHA).

There is a great Ham Radio tool that can save you some embarrassment and keep you from being referred to as a "lid." It is your antenna analyzer. I use mine to tune my G5RV antenna before going on the air. The analyzer is connected to an antenna switch, which allows my transceiver, or the antenna analyzer, to be connected to the antenna. A quick check and tune allows me to set the antenna tuner correctly for a good match to the antenna while transmitting almost no power. In that way, I can tune up right on the frequency I want to operate on even while other conversations are taking place on there. It is amazing what these modern-day tools can do for us. 73, **Mark WØMH**

The Brainerd Area Amateur Radio Club will hold an ARRL VEC testing session for all classes of licenses on Tuesday, December 4th. Testing will be held at the Brainerd Fire Station on Laurel Street on the east bank of the Mississippi River (First and Laurel Streets) starting at 6:30 PM. Al WØRC will be Volunteer Examiner-Coordinator with John WØJGY assisting. Call Al at 218-575-2404 if you have questions.

Over 100 people attended a fund-raising benefit chili dinner and silent auction at Hunt Technologies to help Tom WØQF and family. Tom is fighting Acute Myelogenous Leukemia (AML) and is about to undergo a bone-marrow transplant. More details at: <http://www.caringbridge.org/visit/thomasjones> Hams participating from the BAARC included: Paula WØHA, Jim WØYA, Steve KCØYTE, Fritz WØKO, Mark WØMH, John WØJGY, John W3MQD, and Terry KIØFW.

There were three recent articles in the Aitkin Independent Age newspaper about Amateur Radio. Included in the write-ups were Aitkin Hams Lyle KØLR, Kathy KØTHY, Charlie NØTWW, and Charlie WØMEM. All told the Ham Radio story in a good light.

For Sale: Kenwood TH-225A, 2M 144 MHz FM Transceiver Hand-Held. In good condition and comes with nic-cad battery, rubber-duck antenna, charger, and copy of the instruction manual. Asking \$50.00 or best offer. If interested, contact Lyle KØLFV at 218-765-3100.

To give away: Eight used 4CX250B tubes. Contact Mark WØMH at 218-829-1326.

The BAARC received a Motorola Radius M120 VHF Transceiver with Astron SL-11R Power Supply and a Connect Systems 6800D Telephone Connection device for the radio. The items were donated by a Century 21 Real Estate office. The process was coordinated by Mark WØMH. Al WØRC and Kurt Martin of Martin Communications are checking the equipment to see how the Club might use it best.

Brainerd Area Amateur Radio Club, Inc.

Election Ballot for office terms January 2008 through December 2008

Place an "X" in boxes to indicate your choices

For President: Lyle Amundson KØLFV Write In _____

For Vice-President: Steve Mott KCØYTE Write In _____

For Secretary: Darrell Schneider ABØVP Write In _____

For Treasurer: John Meyer W3MQD Write In _____

For Director-at-Large: John Luce WØJGY Write In _____

Bring this ballot to the November 29, 2007, 7 PM Membership Meeting, which will be held in Room 800 of the Brainerd High School, South Campus Building, in Brainerd, MN. If you are unable to attend, you can mail the completed ballot to:

Darrell Schneider, Secretary, BAARC
12481 Arrowhead Lane
Crosslake, MN 56442

Ballots received by mail or in person by the Secretary by 1 PM, November 29, 2007, will be counted at the 7 PM Membership Meeting in Room 800 of the Brainerd High School South Campus Building in Brainerd, MN.

November 3, 1906, Morse code SOS (... _ _ _ ...) was officially adopted as the international emergency distress signal.

Daylight Savings Time ends at 2 AM Sunday morning, **November 4th**, this year. Set your clocks back one hour. This is a good time to correct any small errors in your clocks. Listen to WWV on 2.5, 5, 10, 15, or 20 MHz.

November 11th is Veterans Day. The day was created at the end of World War I when an armistice was signed with Germany on the eleventh hour of the eleventh day of the eleventh month in 1918. The BAARC honors all United States veterans for service to their country. America—United We Stand.

November 16, 1904, Fleming patents the thermionic tube (diode).

The Germans are getting ready to introduce a new electric car. It is going to be called the Voltswagon!!!

Brainerd Area Amateur Radio Club

MEMBERSHIP APPLICATION FORM

Dues Year January 1, 2008, to December 31, 2008

Name (First, MI, Last) _____ Call Sign: _____

Street Address: _____ License Class: _____

City: _____ State: _____ ZIP: _____

Phone: (____) _____ - _____ Additional/Cell Phone: (____) _____ - _____

Date of application: _____ Check one: New application: ___ Renewal: ___

E-mail address: _____ Member ARRL? _____

I would like to receive the BAARC'er newsletter via the Internet _____ via the US mail _____

Check one: \$20 Full Membership ___ \$10 Additional Family Member ___ \$10 Student Member ___

Are you interested in being called to do emergency communications? Yes ___ No ___

Membership Dues: \$ _____

Voluntary Contribution: \$ _____

Total Enclosed: \$ _____

Mail to:
Brainerd Area Amateur Radio Club
Treasurer - John Myers W3MQD
34570 Beaver Trail
Pequot Lakes, MN 56472

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

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

11/04/07	Jim	WØJDS
11/11/07	Art	NØTNJ
11/18/07	Jon	KBØMNM
11/25/07	Al	KCØGWB
12/02/07	Mike	NØGAU
12/09/07	Tom	WBØCZZ
12/16/07	Dick	WØECJ
12/23/07	Pat	WØETY
12/30/07	Jerry	WØXU

Can't make the schedule? Find a substitute operator. BAARC Sunday Night Net Control Coordinator is Fritz WØKO. Contact him to volunteer.



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 Meetings & Activities - -

The Club will aid local law enforcement on Halloween, Wednesday, October 31st. Eight to ten radio operators will be needed to patrol the streets of Brainerd, Crosby, Ironton, and Pequot Lakes for wrong-doers. The goal is to keep police informed when problems occur. You can help in this worthwhile activity by contacting John Luce WØJGY at 218-963-4521. Ham participation on Halloween is a long-standing tradition for the BAARC.

A group of BAARC volunteers will discuss the planning and documentation of **Emergency Communications**, which we as an radio club would follow if activated. Anyone who is interested in being part of this planning group is welcome. We are planning on meeting in Brainerd on Saturday, November 17th, after the Club Breakfast or around 10:15 AM. Meeting will be over by noon. Contact Lyle KØLFV at 218-765-3100

The next BAARC Membership Meeting will be at 7 PM on Thursday, November 29th, in Room 800 of the Brainerd High School South Campus Building. The 8 PM program will be on "Emergency Communications" presented by Al WØRC and John WØJGY.

United We Stand
November is voting month:
The BAARC & school systems



FIRST CLASS MAIL
Address Correction Requested

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