



The BAARCer



December 2013

For Anyone Interested in Amateur Radio

Page 1 of 8

Club Call Sign: WØUJ

BAARC REPEATERS

53.110- 123.0 Hz
147.225 + (main rpt)
 145.130 – Echo Link
 Node number 233515
 443.925 + 110.9 Hz
 Packet: 145.670 MHz
 MNBRD, BRDBBS
 144.390 WØUJ-5 APRS
Crosslake 147.030+
Crosby 146.700 –
 141.3 Hz
Crosby 444.925 +
<http://brainerdham.org>
OFFICERS

President + WWW

Editor:
 Steve Mott **NØCRM**

Vice President:
 John Luce **WØWY**

Secretary:
 Ron Finger **KØGOP**

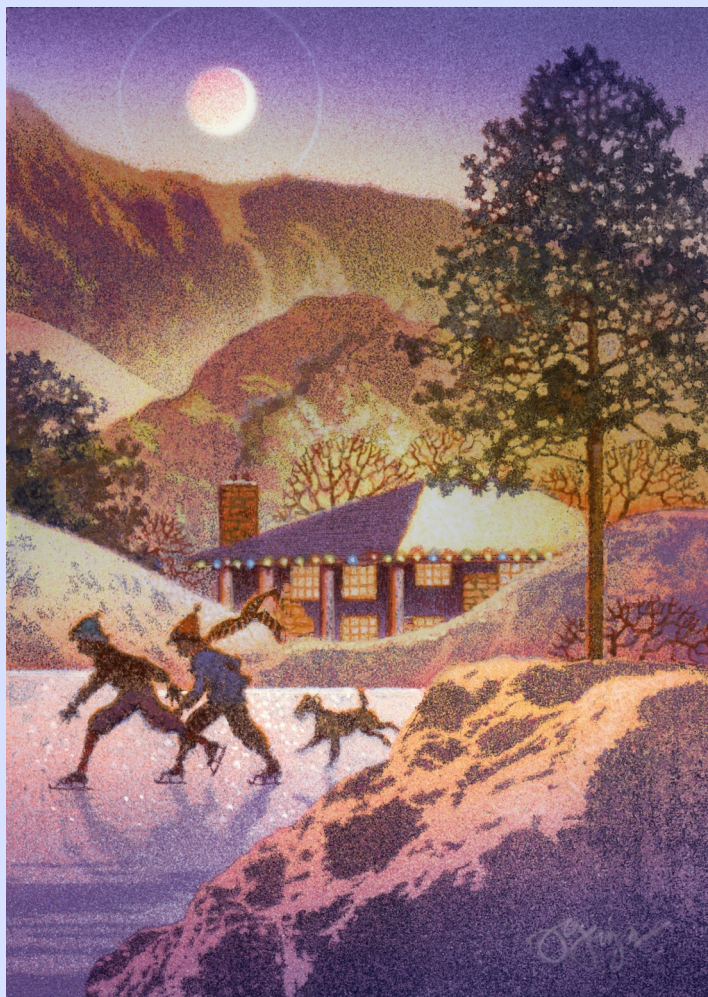
Treasurer:
 Doug Bergsnev **KDØERE**

Director-at-Large:
 Lyle Amundson **KØLFV**

Trustee + BAARCer
Editor:
 Fritz Bertelt **WØKO**

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Artwork by Ron Finger—KØGOP

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— **Events Calendar** —

Sat., Dec. 7, Club Brkfst. @ 9 @ Northwind Grille in Brd.
Thurs., Dec. 19, Annual Christmas Get-Together—@ the Brd. Fire Hall @ 7 P.M. As in the past, please bring some Christmas edibles to share.
Sat., Dec. 21, Club Brkfst. @ 9 @ Northwind Grille in Brd.

ICE FISHING TOURNAMENT —JAN. 25—VOLUNTEERS NEEDED

HAM CLASSES COMING EARLY WINTER 2014—WATCH HERE FOR DETAILS

Check the Club's Website and Activity Calendar

Listen for Activity Updates on our Sunday Night Nets

Encourage New Membership: Dues (see p. 7) are still only \$20/year—a bargain for all you get. E-mail Doug for info: djbdesk@gmail.com
 Perhaps check with him on a Life Membership?

Thursday-November 21, 2013 - 4:00 PM - BAARC Board Meeting Minutes Brainerd Fire Station

President: Steve Mott, NØCRM
Vice President: John Luce, WØWY
Treasurer: Doug Bergsnev, KDØERE
Secretary: Ron Finger, KØGOP

Past Presidents: Charles Lane, W5CCL; Al Dore, WØRC
Director-At-Large: Lyle Amundson, KØLFV
Repeater Trustee: Fritz Bertelt, WØKO
Emergency Communications Director: John Luce, WØWY

Attendees: Steve NØCRM, John WØWY, Ron KØGOP, Al WØRC, Terry KIØFW, Roger WØWUG, Shirley KØDCW, Dave KBØSCT, Dave KØNRI, John W3MQD and Lyle KØLFV.

Secretary's Report: October Meeting Minutes were published in the November BAARCer; no corrections were noted. The website was updated for the Thanksgiving Holiday. Thank you letter sent to CLTA for their recent Club donation. 3 new Club photo ID's made, and roster updated to 73 paid members. **Motion to accept:** John WØWY, **Second** Al WØRC, **Passed.**

Treasurer's Report: Report submitted showing all month's account transactions and balances to date. The treasurer was unable to attend, but several 2014 renewal applications and dues were received and will be forwarded. **Motion to accept:** Lyle KØLFV, **Second** Al WØRC, **Passed.**

Membership Meeting Program: Program Calendar topics were discussed. It was decided that a hands-on program covering soldering and coax crimping might be of interest to newer HAM members. Also, it was decided to make the recent **BAARC Open House** an annual fall event, and will be scheduled for the September 2014 Meeting. The December **Christmas Party Meeting** will be held one week early on the 19th.

Upcoming Events: The **Brainerd Jaycees \$150,000 Ice Fishing Extravaganza** is scheduled for Saturday, January 25th and a chair/co-chair is being sought. The **26th Annual Mid-MN 150 Sled Dog Race** has been scheduled for Saturday, February 8 in Emily, Outing, and Remer, with Al WØRC agreeing to co-chair with someone else. The **Brainerd Hamfest** will be held on April 19th, with **HAM Classes** planned to start 10 weeks prior for **Hamfest VE Testing**. Class instructors John WØWY and Al WØRC are looking for New Member/Instructors to mentor for future HAM Class offerings.

Digital & Emergency Communications: Al WØRC has finished work on the CAT controller which will be used for remote repeater operation at Crosby. The IP switch is also functioning and ready to install at the Crosslake repeater site.

The **Communications Trailer Committee** will begin meeting this winter to start the planning process in pursuit of a smaller Club Communications Trailer.

New Business: Al WØRC has contacted a class member from the recent Camp Ripley Ham Class. TSgt McConnell will meet with him and other Club members at the former BHS-South Campus Club Station at 10AM on Monday November 25th. They will evaluate the removal of the Club tower and antennas by the National Guard as an outreach project for the school.

The business meeting was adjourned at 4:55 PM.

Thursday-November 21, 2013 - 7:00 PM - BAARC Membership Meeting Minutes Brainerd Fire Station

Attendees: The President opened the Club membership business meeting at 7:05 PM with 22 members and guests present. **Information supplemental to Board Meeting Minutes:** The business meeting was adjourned at 7:25 PM following the election of the 2014 Club Officers: President Steve Mott NØCRM, Vice President Lyle Amundson KØLFV, Treasurer Doug Bergsnev KDØERE, Secretary Ron Finger KØGOP, and Director At Large John Luce WØWY.

Al WØRC gave a presentation on APRS, and Rick KDØLFC demonstrated the planning, assembly and use of his HF "Go-Box."

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

BAARC Goblin Patrol---Another Public Service Success

When analyzed after the fact, the 2013 Halloween Goblin Watch produced no incidents that had to be reported to the LEC. With 8 BAARC operators volunteering, mobile net control operators rotating, and four of the operators using the ARMER portable radios to monitor law enforcement communication—greater ham operator efficiency was noted. Again, John **WØWY**, in his capacity as BAARC Emergency Coordinator, made prior arrangements with Scott Heide of the Crow Wing County Sheriff's Department for our participation in the yearly effort. The participants and the community locations were as follows: In Brainerd it was Doug **KDØERE** and John **WØWY**; Baxter had Ron **KØGOP** and Dave **KBØSCT**; Crosby-Ironton was patrolled by Terry **KIØFW**; Pequot Lakes and Nisswa were covered by John **W3MQD**, Dave **KØNRI**, and Jim **WØJDS**.

Additionally, weather conditions at that time and the week day contributed to another peaceful evening. Thanks again to our volunteers. (Our thanks also to Ron Finger and John Luce for providing this information)

DX and the Paper Chase

A very Happy Thanksgiving Day to everyone as we all look forward to the holiday season ahead. It's a wonderful time of the year for family get-togethers and to renew old friendships. The latter part of October and most of November saw some amazing band conditions along with some not-so-amazing conditions. For several days the sunspot numbers were almost 300 before returning to the doldrums. There was and still is a lot of atmospheric noise at least on 12 and 17 meters. The 12-meter band was open to worldwide DX for most of November, and it's still showing good conditions for worldwide DX. Unfortunately I was unable to work either Bangladesh or Myanmar simply because I was unable to hear them. Getting my final "five" to round out my 300 DXCC confirmations is becoming very difficult, but I'm hanging in there and having fun doing it. Now that it is not a requirement to know or use the code, it's become more of fun thing to do. Joining into the fraternity CW operators worldwide is something very special to me and more than an accomplishment in using the mode itself. I keep telling myself "I'm one of them" and it is a good feeling. That's it from my house to yours for now, but a quick reminder: sit down at your radio and call CQ because someone somewhere is listening for your call, don't disappoint anyone of them. So long from Huntersville for now, 73 es gud DX from Bob/WØZPE.

PS: Try operating CW, you'll like it.

OUR THANKS TO THESE OFFICERS FOR AGREEING TO STAND FOR ELECTION



Elected and pictured from l-r: John Luce, **WØWY**—Director-at-Large; Ron Finger, **KØGOP**—Secretary; Steve Mott, **NØCRM**—President; and Lyle Amundson, **KØLFV**—Vice-President. Not shown is Doug Bergsnev, **KDØERE**—Treasurer, who could not attend the meeting. Congratulations to these officers for 2014 who were unanimously chosen on 11-21-13 without opposition. We are grateful for their continued service to the Club.

The Program at the November 2013 Meeting

It consisted of two parts: (1) Al Doree, **WØRC**—on the left below passed on updated information on APRS. With so many radios having these new features built in, he mentioned YAAC, a new program and free for download. It replaces or enhances what previous users have experienced with UI-VIEW. It allows members to track others when mobile or using HT's. This feature is particularly helpful in assisting SKYWARN activities. However, it can inadvertently also track the user's speed on the roads. Our thanks to both presenters pictured here.



(2) Rick Peterson, **KDØLFC**, (pictured above on the right) brought his GO-BOX. It is a commercial container of high quality that transports like a large suitcase. In it one can customize the liners made of foam-like materials to suit the individual dimensions of the radio equipment. It is moisture and air pressure safe to hold up in all kinds of environments. Why would one need a GO-BOX? Hams like to go camping, partake in Field Day, communicate in public service settings—without having to break down their home stations. This suitcase-container has rollers and a convenient handle and is easily customizable to what one needs to transport radios, power supplies, batteries, chargers, collapsible antennas, etc. How much does such a container cost? Rick says that he paid about \$300. However, another member at the meeting found more modest/smaller ones available locally that might also meet a ham's needs—for under \$100. Whether deluxe or modest, the GO-BOX is a real boon for the ham on the go. HII!!!

The Short-Wave Mystery — an interesting review submitted by **Rob Neumann, KDØVJM**

DIDAHDIT...dahdahdididit...didididahdah...dahditdahdit... Frank Hardy's fingers deftly pounded on the CW-key signoff: "R 73 C U AGN AR WB2EKA DE WB2XEJ SK."

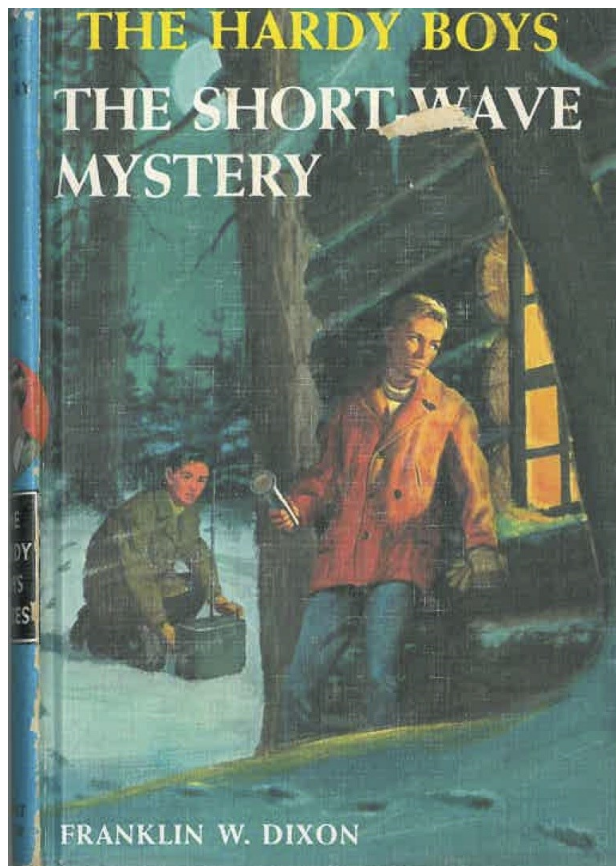
That's the opening paragraph of *The Shortwave Mystery*, Volume 24 of the original Hardy Boys Mystery Stories. The book was first written by Leslie McFarlane and rewritten in 1966, appearing in the series under the pen name Franklin W. Dixon.

My son read this one and passed it along to me because of my interest in amateur radio. I have to say, it was a fun nostalgic read, and a great one for kids. Many of you have probably seen it. The Hardy Boys, whose father, Fenton, is a famous detective, hear some suspicious chatter on 2-meters that leads them to solving the mystery of heisted computer parts and other valuables.

According to a detailed review at www.dxing.info/shop/review_mystery.dx, the book went through revisions over the years with updates to the radio information, such a change in call signs to reflect current formats, and better explanations of radio waves.

The radio gear included a transceiver with VOX, signal generator, and phone patch. On the wall hung two general class licenses, several award certificates, a world map, and an array of QSL cards. I looked up Frank and Joe's call signs, WB2EKA and WB2XEJ, and one of them was an actual call sign that has since been changed. The other doesn't exist.

Throughout the book, the Hardy boys check in on 2-meters to catch the crooks, cracking codes, and using lots of radio lingo along the way. It's a good read for kids, especially if they're interested in gadgets and radio. I'll stop there. I don't want to ruin the end and accidentally mention that jewels are in the stuffed snake.



FOR SALE—Latest Listing

I am coordinating the sale of the following listed Amateur Radio Equipment offered for sale by our Local Radio Club and by some of our Members. List includes donated, estate and personal items. If you are interested in one of the listed items please contact me. Thank you.

Lyle KØLFV Home 218.765.3100 Email k0lfv@arrl.net

HF Transceivers

Yaesu FT-101B HF Transceiver (Project)
Yaesu FT-857D HF Transceiver with DSP
Kenwood TS-870 HF Transceiver with DSP
Heathkit SB-104A HF Transceiver with Power Supply
Yaesu FT-840 HF Transceiver
Hallicrafters Radio Rcv/Xmit BC-699-B (Project)
Yaesu FT-690R 6M All Mode Transceiver with Mic and DC Cord
Realistic DX-160 Short Wave Receiver with Speaker

HF Linear Amplifiers

Amp Supply LA-1000 HF Linear Amp (Very Good Condition)
Ameritron AL-811H HF Linear Amplifier (Very Good condition)
Heathkit SB-230 Solid State HF Linear Amplifier (Good Condition)

VHF UHF FM Transceiver

Midland VHF FM Radio Model 70-1440B (Programmable)
Yaesu FT-1900R 2M 50Watt 2M FM Transceiver (Like New)
Yaesu FT-209RH 2M FM Hand Held with Speaker Mic
Yaesu FT-270R 2M FM Hand Held (New in Box)
Yaesu CPU-2500R 2M Mobile FM Transceiver

Power Supplies

VHF Engineering PS25C 12 VDC Power Supply
Kenwood PS-52 12 VDC Power Supply
Kenwood PS-50 12 VDC Power Supply
ICOM PS-125 12VDC Switching Power Supply
Astron RS-35A 12 VDC DC Power Supply (older model)

Miscellaneous Ham Radio Equipment

Omega Antenna Noise Bridge TE7-01
Yaesu DMU-2000 Digital Monitor Unit (Like NIB)
Yaesu YC-601 Digital Display
Kenwood PC-1 Phone Patch
Kenwood MC-60 Desk Microphone
Ameritron ARB-704
Astatic D-104 Desk Microphone
Shure 444 Desk Microphone
MFJ-287 H/T Speaker Mic
Realistic 19-310 H/T Speaker Mic
Kantronics Field Day Code RTTY Reader
MFJ-1118 DC Outlets with Meter and Switch
Generic 5 Position Coax Switch
Bencher XZ-2 Audio Filter
James Millen Grid Dip Meter
AEA DM-1 Deviation Meter
CSI CS-900 Simplex Auto Patch
Turner Sidekick Desk Microphone
JPS Com DSP Notch Filter NF-60
CW Semi-Auto CW Key BK-50
Vibroplex Deluxe Iambic CW Keyer

Continued (Misc.)

Realistic PRO20 Headphones
Koss K6 Headphones
CW Semi-Auto CW Key BK-50
Vibroplex Deluxe Iambic CW Keyer
Realistic Low Pass Filter
Kris Model 136 Pwr/SWR Meter
PDC 550 Pwr/SWR/Mod Meter
Thorotest SWFS-2 SWR/FS Meter
Heathkit B-1 Balun Coil Assembly
MFJ-260 Dummy Load 300W
RCA WV-77E VoltOhmyst Meter
Triplett 630-FL VOM Meter

Towers & Antennas

Explorer 14 HyGain QK-710 40M Add-On Kit (New In Box)
DX Engineering 43 ft Vertical w/radial kit (New in Box)
Diamond X500 Dual Band UHF/VHF Vertical
Cushcraft A3 HF 3 Element Tri-Band Beam
Cushcraft R-6000 Vertical (Like New) 20M thru 6M
Cushcraft R-6000 Vertical 20M thru 6M (Very Good Cond)
Cushcraft R-6000 Vertical 20M thru 6M (Good Cond)
Cushcraft HF Vertical with 80M Coil
Cushcraft ARX-2B 2M Vertical

Alpha Delta DX-A 160-80-40 HF Sloper Dipole Antenna
W9INN 80-10M Dipole Trapped Antenna
2M Mag Mount Antenna ¼ wave
Rohn 25 House Mounting Bracket

Beldon 8237 Coax New on Spool
Beldon 9913 Coax New on Spool
Universal 50 Foot Aluminum Tower
Miscellaneous Lengths of RG8 type of Coax
Alliance U-110 TV Rotor and Control Box
CDE/Telex Ham 4 Rotor and Control Box
Radio Shack RG8/U 50 Ft with PL-259

For Sale Items by Fritz WØKO—some are

donated Club items: w0ko@arrl.net
Dentron KW HF Transmatch
Galvanized tripod roof mount (new)
Annodized HF vertical—43Ft.
Ringo Ranger 2m. (gain) base antenna
2 m 5-element Antenna Specialist Yagi HD-like new—gain
Mirage 2 m amp. HT in and 20+/- w. out

Misc. items—what do you need?



Brainerd Area Amateur Radio Club

MEMBERSHIP APPLICATION FORM

Dues Year January 1, 2014, to December 31, 2014



(One Application for Each Person)

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

Address: _____ License Class: _____

City: _____ State: _____ Zip Code: _____

Phone: (_____) _____ Additional Phone (_____) _____

Date of Application : _____ Circle One: New / Renewal

E-mail Address _____ Member ARRL ? Circle One: Y / N

I would like to receive the **BAARCer** via the **Internet / US Mail (Circle One)**. (Internet saves Club money)

Circle One: \$20 Full Member / \$ 10 Additional Family Member / Student Member \$10

Note: For first-time members, pay \$5 per quarter for the time remaining in the year you join. For information on a life membership, contact Doug, Club treasurer: djbdesk@gmail.com

Membership Dues \$ _____

Voluntary Contribution (Tax Deductible) \$ _____

Total Enclosed \$ _____

Make Checks Payable to:
BAARC. The Club is a non-profit 501c3 organization. Contributions are tax deductible.
Send to:
Doug Bergsnev, KDØERE
BAARC Treasurer
15912 Olsen Road
Brainerd, MN 56401

I hereby make this application and agree to abide by the Club By-Laws.

Signature: _____ Date: _____

Disclosure: Information provided here will not be sold/given to any other organization without the permission of the members.

Check our club's Website for other Information and Newsletters.
Regular Updates on the Sunday Night Nets on 147.225 @ 8 P.M.
www.brainerdham.org

SUNDAY NIGHT NET OPERATORS

12-01-13	Rick	NØBJN
12-08-13	Tom	KDØMOM
12-15-13	Steve	WØTNT
12-22-13	John	WØWY
12-29-13	Joe	KBØVYJ

01-05-14	Rick	NØBJN
01-12-14	Steve	WØTNT
01-19-14	CJ	WØWUH
01-26-14	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

PLEASE?!?!?!?!?!?!?!?

SIMPLEX NET IS OPTIONAL.

Condolences: Our sincerest condolences to WØWUH , CJ and Lauren Anderson on the November death of Lauren's mother Lyn Nickisch. A BAARC sympathy card was sent and acknowledged.

Want to find Hams in any Zip code? Just enter the Zip codes of interest and the site below tells you the number of hams and their call signs. By clicking on each licensee you will get the name and address along with his/her location. Our thanks to Frank N9UW for this information. As you know, he is the ARRL MN Section Club coordinator.

<http://hams.mapmash.com/hammap.php>

Ham Classes Coming with a test session afterwards at the April 19, 2014, Brainerd Hamfest. More details coming. John and Al will need help with that this new year.

#####

A Blessed Merry Christmas and Healthful New Year !!! See Ron's KØGOP's front-page creation.

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