



# The BAARCeR



May 2016

For Anyone Interested in Amateur Radio

Page 1 of 8

**Club Call Sign: WØUJ**

**BAARC REPEATERS**

53.110 MHz- 123.0 Hz

Main Repeater in Crosby

**147.225 MHz+ Crosby**

Tone 110.9 Tx only

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146.700 MHz-

Tone 141.3 Hz

~~~~~  
145.130 MHz- Echo

Link-Node Nr. 233515

AllStar Node 42508

~~~~~  
147.030 MHz+ Crosslake

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443.925 MHz Gull Lake+

Tone 110.9 Hz

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444.925 MHz Crosby

~~~~~  
**Packet:** 145.670 MHz

MNBRD, BRDBBS

144.390 MHz WØUJ

APRS I-Gate Node

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**Officers for the Year  
are listed by name  
and title on Page 2—  
top of the Minutes —  
each month.**

**Pat Wintheiser, WØOPW,** presented an interesting program on efficient multi-band wire antennas—like the G5RV for 160 and 80 meters on up. Pat believes in minimum use of tuners, or none. Baluns are a no-no. In fact, he showed his “magic” box where he has wired in matching positions for the various bands using the G5RV type antennas. Extended versions were also graphically shown.



Pat does antenna modeling for a fee. Nec2Go by Nova Plus Software is a product he handles. A free demo version is available. A retired Boeing engineer, he is native to southern MN, but recently moved north to join us in the BAARC. TNX for a great program, Pat. There was lots to absorb. Questions? Contact [pd.wythe@gmail.com](mailto:pd.wythe@gmail.com)

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### — Events Calendar —

Sat., May 7, Club Breakfast @ 9 @ Northwind Grille—Brd.

Sat., May 7, Hamfest in Superior—same place. Arrowhead Amateur Radio Club.

Sat., May 21, Club Breakfast @ 9 @ Northwind Grille —Brd.

**Regular May Meeting Cancelled—INSTEAD:**

**Annual Dinner Meeting—May 26—see page 7 for details. Get reservations in to Doug by May 20th. Speaker: Ralph Fedor, KØIR—excellent program.**

#### NEXT MONTH

**June 30 Mtg Program with the Kendalls KH600 Ham Team on T32DX**

## Thursday-April 21, 2016 - 4:00 PM - BAARC Board Meeting Minutes Brainerd Fire Station

**President:** Steve Mott, NØCRM

**Vice President:** Lyle Amundson, KØLFV

**Treasurer:** Doug Bergsnev, KDØERE

**Secretary:** Ron Finger, KØGOP

**Past Presidents:** Charles Lane, W5CCL; Al Doree, WØRC

**Director At Large:** Al Doree, WØRC

**Repeater Trustee:** Fritz Bertelt, WØKO

**Director of Emergency Communications:** John Luce, WØWY

**Community & Special Events Coordinator:** TJ Graves, KØTEG

**Attendees:** Steve NØCRM, Ron KØGOP, Al WØRC, Dave KØISZ, John WØWY, Shirley KØDCW and Mitch ADØHJ, Roger WØWUG.

**Secretary's Report:** Membership roster shows 71 paid members for 2016. The Club website was updated for March including the March BAARCer and the Club Google calendar updated and linked to the website. Other activities included updating Gmail contact list and member photos. **Motion to accept:** John WØWY, **Second** Al WØRC, **Passed.**

**Treasurer's Report:** Treasurer's report submitted showing all month's account transactions and balances to date. The Hamfest financial report was given, and was one of the best and most profitable in years. **Motion to accept:** John WØWY, **Second** Al WØRC, **Passed.**

**Membership Meeting Program:** President Steve NØCRM reviewed recent and future Club programs and events. Future Club programs include: **KH6OO DXpedition to T32DX**– June 30 and **ARRL Dakota Division Visit** – July 28. **SKYWARN training class on April 28.**

**Upcoming Events:** **SKYWARN training class on April 28**, 6PM, Land Services Bldg, **Brainerd**; **Brainerd Jaycees Run for the Lakes Marathon:** April 30, 2016; **BAARC Spring Banquet** featuring **Ralph Fedor, KØIR:** May 26, 2016, and the **BAARC Tailgate Hamfest:** August 27, 2016.

**Digital & Emergency Communications:** Al WØRC and John WØWY gave updates on the **SKYWARN test / VHF Net** and the April **SKYWARN** training classes.

**New Business:** The second meeting of the new **Club Website Committee** was held Saturday, April 2, at 10:30 AM at the Brainerd Fire Station Training Room. Good progress is being made towards a new Club website. The lead technical team is Mitch ADØHJ, Michael KEØAFZ, and Dave Anderson. Contact was made with the airport manager for the **Breezy Point Airport 7 Fly-in** on May 7, 10 AM - 3 PM. John WØWY, event Chairman, needs 6-7 operators.

**Motion:** Purchase a WIRES X HRI-200 for the Club from TJ KØTEG for \$100. **Motion to accept:** John WØWY, **Second** Al WØRC, **Passed.** **Motion:** Donate an unsold (\$50) Club rotor to CAP-Crow Wing Composite Squadron. **Motion to accept:** Steve NØCRM, **Second** Al WØRC, **Passed.** **Motion:** Sell existing Club remote station Kenwood TS-480 transceiver and replace with Icom 756 Pro (net cost \$250). **Motion to accept:** Ron KØGOP, **Second** Al WØRC, **Passed.** **Motion:** Purchase a \$50 UHF Duplexer for the Crosby Club repeater. **Motion to accept:** Steve NØCRM, **Second** Al WØRC, **Passed.** **Motion:** Purchase a CH-100 HUB for Club Repeater linking (\$299). **Motion to accept:** Steve NØCRM, **Second** Al WØRC, **Passed.**

The board meeting was adjourned at 5:11 PM.

## Thursday-April 21, 2016 - 7:00 PM - BAARC Membership Meeting Minutes Brainerd Fire Station

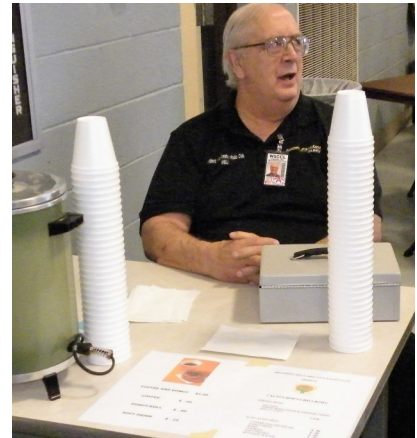
The President opened the Club membership business meeting at 7:00 PM with 37 members and guests present. Besides the aforementioned Board items, Rick NØSEH, VE coordinator gave a report on a very successful, and very busy day of VE license testing at the Brainerd Hamfest. 28 Testers including many Club class members completed exams with 21 passing, including 13 Technician, 5 General, and 3 Extra classes.

An interesting and informative program on **G5RV Antenna Design** was given by Pat WØOPW.

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



**Some photos showing our workers and attendees from far and wide.**  
**See next page also.**





Bruce KØOE, from Duluth, was the lucky winner of one of the raffle prizes—the tuner. Charles W5CCL from Crosby-Ironton was the other by winning the wire antenna. He helped Doug at cashiering food sales. Not pictured but winning the handheld from the entry ticket drawing was Rick WUØS of Little Falls. He along with Terry KIØFW of Crosslake were also busy assisting with the VE sessions. Terry won a \$50-gift certificate. Thanks to the expert work by our emcee/announcer Dave KCØTGT, all prizes were awarded in a timely fashion. The BAARC again thanks all the attendees, and we hope to make the next hamfest even more fun.



**SKYWARN TEST NET**

Report of 4-14-16—from John Luce, WØWY, Emergency Communications Director

| CALL       | NAME    | LOCATION             | APRS                 |
|------------|---------|----------------------|----------------------|
| 1. KØTEG   | TJ      | Ironton              | Y                    |
| 2. KDØMOM  | Tom     | Uppsala              | N                    |
| 3. KØEMS   | Don     | Wadena               | Y                    |
| 4. KDØYLO  | Tim     | 50 Lakes             | N                    |
| 5. KEØAFY  | Leon    | Baxter               | N                    |
| 6. KØNJR   | Nick    | Baxter               | Y                    |
| 7. W3MQD   | John    | Pequot Lakes         | N                    |
| 8. WDØHXR  | George  | Nisswa               | N                    |
| 9. K6RCO   | Bob     | Near BIR             | B                    |
| 10. KDØVJM | Rob     | Mobile in CW Twsp    | Y on cell phone only |
| 11. NØSEH  | Rick    | SE Brd               | Y                    |
| 12. W5CCL  | Charles | Ironton              | Y                    |
| 13. WØKO   | Fritz   | Nisswa, Portable     | N                    |
| 14. KØLFV  | Lyle    | Mission Twsp         | Y                    |
| 15. WØWY   | John    | Mobile               | Y                    |
| 16. KCØTGT | Dave    | Mobile               | Y                    |
| 17. NØKEN  | Ken     | Portable P. Lakes    | N                    |
| 18. WØWUG  | Roger   | Merrifield, Portable | Y                    |
| 19. KØISZ  | Dave    | Net Control, Baxter  | Y                    |

**VE Testing at the Hamfest: Report from Rick NØSEH, BAARC Coordinator :** Some 28 examinees were served: A few paid for a second version of the test. The sessions resulted in a gain of 13 Technicians, 5 Generals, and 3 Extras—with some new hams awaiting call signs. In fact, the Hamfest event was so popular that unexpectedly the examining team had to run a second session because of seating limitations at the Armory. Our thanks to Rick and the team, and congratulations to the successful test takers. The VE team is pictured in this [BAARCer](#) on p. 4.

**For Sale by Club Members:**

**Kenwood TS 850 SAT HF** transceiver with microphone, manual and power cable. \$550. Contact George WDØHXR at [geopau@nisswa.net](mailto:geopau@nisswa.net)

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**Cushcraft AR-6**, 6 meter vertical antenna. **Gap Titan DX HF vertical** antenna (10 thru 40m and 100KHZ on 80) and a 2 meter **Arrow GP146** 1/4 wave ground plane base antenna. Charles, W5CCL 218-866-0250 or 218-545-1965.

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**Icom 756 Pro II Deluxe HF** transceiver with manual, microphone, power cable. Also available is a new Icom matching power supply. FYI: all his ham gear housed in a non-smoking environment and is in excellent condition. LOCAL BAARC MEMBER CAN TRY IT BEFORE BUYING. Guaranteed.

-----Contact Fritz WØKO at [w0ko@arrl.net](mailto:w0ko@arrl.net)

# **BAARC Annual Spring Dinner** **YOU AND YOUR GUESTS ARE INVITED**

**Where and When?** **Thurs., May 26, in Nisswa at the Nisswa American Legion** with socialization starting at **5:00**, dinner at **6:00**, the program at **7:00** , and ending at **9 p.m.**

**PROGRAM:** **DXer Extraordinaire Ralph Fedor, KØIR**, is a veteran of many DXpeditions and MN's own. **See April's BAARCer for his biographical info and his upcoming program's focus.**

**COST:** The total is only **\$16** (which includes tax and tip).

**Buffet Meal:** **Roast Beef or Baked Chicken** (you choose one entrée when reserving). It also includes Yukon Gold Potatoes, Mixed Vegetables, Ranch Salad, Dinner Rolls, Coffee, and Dessert. However, **BAARC members must commit to a final count by Friday, May 20th. When you commit, you must pay BAARC, for the number of meals ordered. Doug prefers checks.**

**HOW:** Checks must be payable to **BAARC**. No Refunds. **To reserve, contact Doug Bergsnev, BAARC Treasurer, 15912 Olsen Lane, Brainerd, MN 56401. Ideally, payment must be received by him by mail on or before May 20th.**

**QUESTIONS?:** Doug's phone # 218 820 6675 and his e-mail <djbdesk@gmail.com>

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**P.S. Our thanks again to Jim Shubert, WØJDS, for again arranging it with the Nisswa Legion.**

**SUNDAY NIGHT NCS OPS**

05-01-16	Rick	NØBJN
05-08-16	Doug	KDØERE
05-15-16	Dave	KCØTGT
05-22-16	TJ	KØTEG
05-29-16	Tim	KDØYLO
06-05-16	Rick	NØBJN
06-12-16	Doug	KDØERE
06-19-16	TJ	KØTEG
06-26-16	Tim	KDØYLO

Can't make the schedule? Find a substitute operator. BAARC Sunday Night Net Control Coordinator is Fritz WØKO. To volunteer: w0ko "at" arrl.net

**Would you like to take a turn at NCS?**

**Memorial Service being held May 5 (Thursday) for a former member, Gene Bradfield, KØTIW. The visitation is at 10 and service at 11— Kline Funeral Home in Pine River.**

**Recent (known to us) License Upgrades for Club Members: Two former Technician Class hams now proudly use the General Class privileges—Dave KØNRI and Tim KDØYLO. Also Nick KØNJR upgraded to Extra at the Hamfest. Congratulations to them all.**

**Our ARRL Representatives/Officials were busy interacting with Hamfest attendees. One, Michael WØVTT , was very busy checking DX QSL cards for those who were counting countries worked for DXCC credit.**

**United We Stand**



**FIRST CLASS MAIL**  
Address Correction Requested

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Brainerd, MN 56401