ARROWHEAD RADIO AMATEUR CLUB, INC. • DULUTH, MINNESOTA •

The RELAY

November 2026

The Official Publication of the Arrowhead Radio Amateur Club
A.R.A.C. Inc. P.O. Box 7164 Duluth MN 55807-7164 http://www.thearac.org Dues: Member $20/Family $25

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Autumn 2026

Join us on Facebook!

Profiles in Courage

Proudly Remembering Our Hometown Veterans

In the Arrowhead Region of northern Minnesota—and nearby northwestern Wisconsin—the call to serve our nation has always been answered with quiet strength and steady courage.

From the farms, lumber mill towns, iron-rich hills, and shipping ports, generations of sons and daughters have left home to defend the American freedoms we hold dear. We cannot recount every act of valor or every name that deserves to be spoken in this issue of the ***Relay***, but we hold a deep and lasting gratitude for all who have worn the uniform.

With that gratitude we share the profiles of three courageous patriots from our own communities—Richard Bong, Mike Colalillo, and Henry Courtney Jr.—men who fought so that we might remain free. Their stories, and the honorable mentions that follow, remind us that the price of liberty has been paid by those who've gone before us, and we must never let them down by letting the torch grow dim.

Richard Ira Bong: America's Ace of Aces

On a quiet farm near the little Wisconsin town of Poplar, just southeast of Superior, Richard Ira Bong entered the world on September 24, 1920. He was the first of nine children born to Carl Bong, a Swedish immigrant who had come to America as a boy, and Dora Bryce, whose roots were Scots-English. In the Bong household, work and family came first. Young Dick, as everyone called him, learned early to handle farm chores and machinery. He hunted and fished the surrounding woods and streams, played baseball, basketball, and hockey, sang in the church choir, and for a 4-H project planted a long evergreen windbreak to help his father.

What truly captured his imagination, though, were the airplanes. In 1928, President Calvin Coolidge kept a summer White House in Superior, and the mail planes that served it flew right over the Bong farm. Dick would stand in the yard and watch them pass, later recalling that he knew then he wanted to be a pilot. He filled his free hours building model planes, dreaming of the sky above the Northwoods.

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Official USAAF image; Colorized image at VeteransTributes.org

Major Richard Ira Bong
of the United States Army Air Forces wearing the Medal of Honor presented to him by General Douglas MacArthur at Tacloban airfield on Leyte on December 12, 1944.

Medal of Honor Citation reads:
"For conspicuous gallantry and intrepidity in action above and beyond the call of duty in the Southwest Pacific area from 10 October to 15 November 1944.
Though assigned to duty as gunnery instructor and neither required nor expected to perform combat duty, Maj. Bong voluntarily and at his own urgent request engaged in repeated combat missions, including unusually hazardous sorties over Balikpapan, Borneo, and in the Leyte area of the Philippines. His aggressiveness and daring resulted in his shooting down 8 enemy airplanes during this period."

ARAC Board of Directors

PRESIDENT



NØVRM
Gene Ellefsen
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Duluth, MN 55811
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VICE PRESIDENT

PHOTO COMING SOON!

NØUOZ
Jon Nelson

SECRETARY



AFØET
Melinda Nelson

AF0ET@outlook.com

TREASURER



KRØB
Randy Wabik

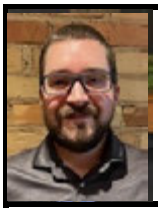
3RD YEAR BOARD



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jcheever13@gmail.com

2ND YEAR BOARD



KFØLFZ
Brian Beckman

1ST YEAR BOARD



AAØAC
Dave Davis

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Board Meeting Minutes - October 6, 2026

Present:

Board Members

Gene Ellefsen – N0VRM, Jon Nelson – N0UOZ, Melinda Nelson – AF0ET, Randy Wabik – KR0B, Brian Beckman – KF0LFZ, Justin Cheever – KD9VKI

Board Advisors (Non-Board Members)

Doug Nelson – AA0AW

Guest:

Jeff Nast – KC0MKS, Alan Nordin – WB0DQB

Meeting called to order by President Gene – N0VRM at 18:30 (6:30 pm)

Minutes:

Minutes were sent via email. Motion to approve by Jon Nelson – N0UOZ, seconded by Dave Davis – AA0AC, motion passed.

Treasurer's Report:

Checking: $349.49
Savings: $4,561.02
Repeater: $3,553.58
Subtotal Cash $8,464.09
Cash on hand: $189.87
Subtotal COH: $189.87
Outstanding Checks:
Assets Subtotal: $8,653.96

Motion made by Dave Davis – AA0AC to accept Treasurer's report as is, seconded by Jon Nelson – N0UOZ l. Motion passed.

Testing:

Need a copy of the FRN number, an ID, and a copy of your licenses. As always if you are ready to test or know someone who wants to test, please get ahold of Doug Nelson – AA0AW at AA0AW@arrl.net.

Repeater:

New Business:

Jeff Nast – KC0MKS had a few things that he wanted to bring to the board.

Thank you for the donation for the repeater fund for Two Harbors site.

If someone attends the meeting via Zoom is there a reason that they are not put into the drawing at the end of the night?

The ARAC 146.940 Monitoring via Internet went down around July 22, 2026. He contacted DiscoverPC, who in turn told him they were not going to host it anymore, and the antenna, power supply and radio are available to be picked up. To get this back up and running there are some things that need to be done

Requires someone who is close, and with direct line of sight to the repeater tower.

They would need to set up an antenna (70cm), coax, radio, and interface into a computer that runs 7X24X365.

This is a receive only setup, and mono data stream. In other words, not a big internet bandwidth user.

The computer would run an app, which will take the audio from the radio interface, digitize it, and send it to a streaming service somewhere in the cloud.

The ARAC website would then need to tap into the streaming service.

From what Jeff can see, the streaming service was also hosted by DiscoverPC. If so, we will need to find a streaming service.

AllStarLink is another VOIP (Voice over IP) application. But the audio is fantastic. It is based on an app that will run on Linux desktop or a Raspberry Pi. It is like EchoLink. The connections can be limited to specific individuals and repeaters, and you can also limit the number of concurrent connections. Another way for other individuals or repeater sites to connect into the ARAC 146.940 for nets.

Melinda Nelson – AF0ET brought up getting a committed together for updating the By-Laws

Motion to adjourn by Dave Davis – AA0AC, seconded by Jon Nelson – N0UOZ, motion passed at 19:28 (7:28 PM).

October 8, 2026

Present:
President: Gene Ellefsen – N0VRM
Vice President: Jon Nelson – N0UOZ
Treasurer/Membership: Randy Wabik – KR0B
Secretary: Melinda Nelson – AF0ET
Second Year Board: Brain Beckman – KF0LFZ
Parliamentarian: Grant Forsyth – KC0WUP
HamFest/Education: Bob Schulz – KC0NFB
Special Events: Open/Gene Ellefsen – N0VRM (acting)
Repeater: Randy Wabik – KR0B
Property/Picnic: Scott Ahlgren – N0VYU
Testing: Doug Nelson – AA0AW

Absent:
First Year Board: Dave Davis – AA0AC
Third Year Board: Justin Cheever – KD9VKI
Repeater: Dave Pyrlik – K0DJP
Newsletter/Historian: Kim Waller – KE0NQS
Newsletter/Historian: Steve Waller – KE0NQT
Web Site: Thomas Dorr – KE0RHA
Chaplin:

Meeting called to order at 19:03 (7:03 PM) by President Gene Ellefsen – N0VRM. 40 (Forty) Members were in attendance

Minutes:
Minutes are posted on the website and in the newsletter. Motion to accept by Grant Forsyth – KC0WUP seconded by Dave Davis –, motion Passed.

Treasurer's Report:
Checking: $349.49
Savings: $4,561.02
Repeater: $3,553.58
Subtotal Cash $8,464.09
Cash on hand: $189.87
Subtotal COH: $189.87
Outstanding Checks:
Assets Subtotal: $8,653.96
Motion made by Rex Bob Schulz – KC0NFB, seconded by Sam Frey – KE0YTM. Motion passed.

Education
Currently have a Zoom class going.

Testing:
Please make sure that you have the updated syllabus. As always if you are looking to test or upgrade or know of anyone that is interested in testing, please contact Doug Nelson – AA0AW at AA0AW@arrl.net.

Continued on Page 4

Upcoming races

New Business:

Jeff Nast – KC0MKS

Thank you to the club for the donation for the Two Harbors Tower Site

The ARAC 146.94 Monitoring via Interent when down and we are looking for someone close with a direct line of sight to the repeater tower to host this

AllStarLink – Is another VOIP (Voice over IP) like Echolink – wondering if this is something that we can start

After discussion Diane Saunders – K0DSL made a motion to set up All Star Link, Grant Forsyth asked if there could be a revision of the motion to review the link after 1 year of All Star being on the 94 repeater. Diane accepted this motion, William Turk – KF0ILA seconded the motion. Motion passed.

Requesting a by law committed to review and update by-laws

Tyler Brower – AD9DJ
Grant Forsyth – KC0WUP
Dave Davis – AA0AC
Alan Nordin – WB0DBQ
Melinda Nelson – AF0 ET

Silent Key: (Please keep their family in your thoughts)

New members/Returning members (Please welcome them when they get on the radio):

Eric Geving – AD0WR

Elections

President – Melinda Nelson – AF0ET (Sam Frey – KE0YTM, Robin Davis)
Vice President – Tyler Brower – AD9DJ (Jon Nelson – N0UOZ, William Turk – KF0ILA)
Secretary – Open
Treasure – Justin Cheever – KD9VKI (Sam Fry – KE0YTM, Robin Davis)
1st Year Board Member – Diane Saunders – K0DSL (Dave Davis – AA0AC, Robin Davis)

Door Prize: was won by Sam Frey – KE0YTM

Motion to adjourn by Tyler Brower – AD9DJ, seconded by Grant Forsyth – KC0WUP, motion passed at 17:15 (7:15 PM).

2026 Program:
November – DMR
December – Christmas Party

If you are interested in seeing a program, or would like to host a program, please reach out to Jon Nelson at jonbeeyore@outlook.com or 715-817-1986.

CLUB REPEATER
WØGKP
146.94 (-)
CTCSS TONE



Prez Sez

Hi Everyone,

The November 12 Club Meeting is the last time for nominations for **Club Officers** and the **Tom Reibold W9IBM Award** elections will held at the December 10 Club meeting.

ALSO: **ARAC** Membership dues are now due. The new rates are $30 for Single and $40 for Family.

Happy Thanksgiving everyone !!!!

Gene Ellefsen NØVRM 73

LOOKING for an Amateur Radio License TESTING SESSION?

Schedule your own Testing Session TODAY!

Contact Doug Nelson-AA0AW at aa0aw@arrl.net or 218-391-5874

All Exam Candidates are REQUIRED to have an FCC Registration Number (FRN) before exam day, which will require your email address.

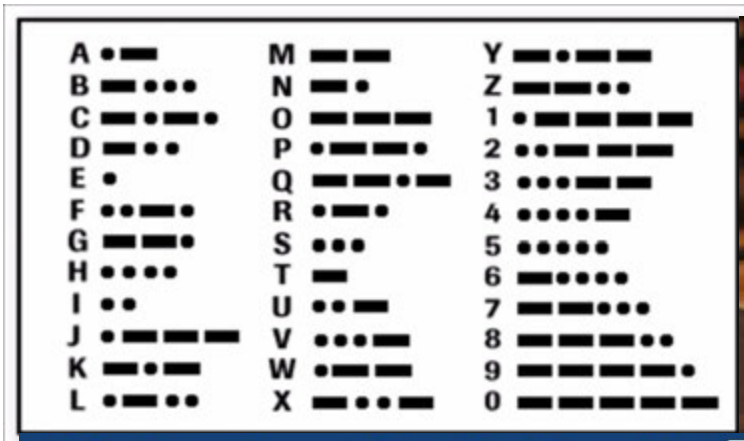
Not Currently Licensed? For New License Candidate FRN registration, go to:
www.fcc.gov/new-users-guide-getting-started-universal-licensing-system-uls

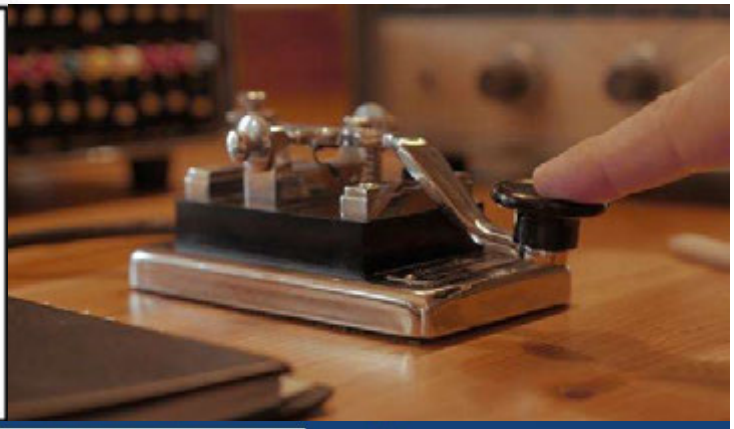
Upgrading to General or Expert Class & not sure you have an FRN number? go to
https://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp

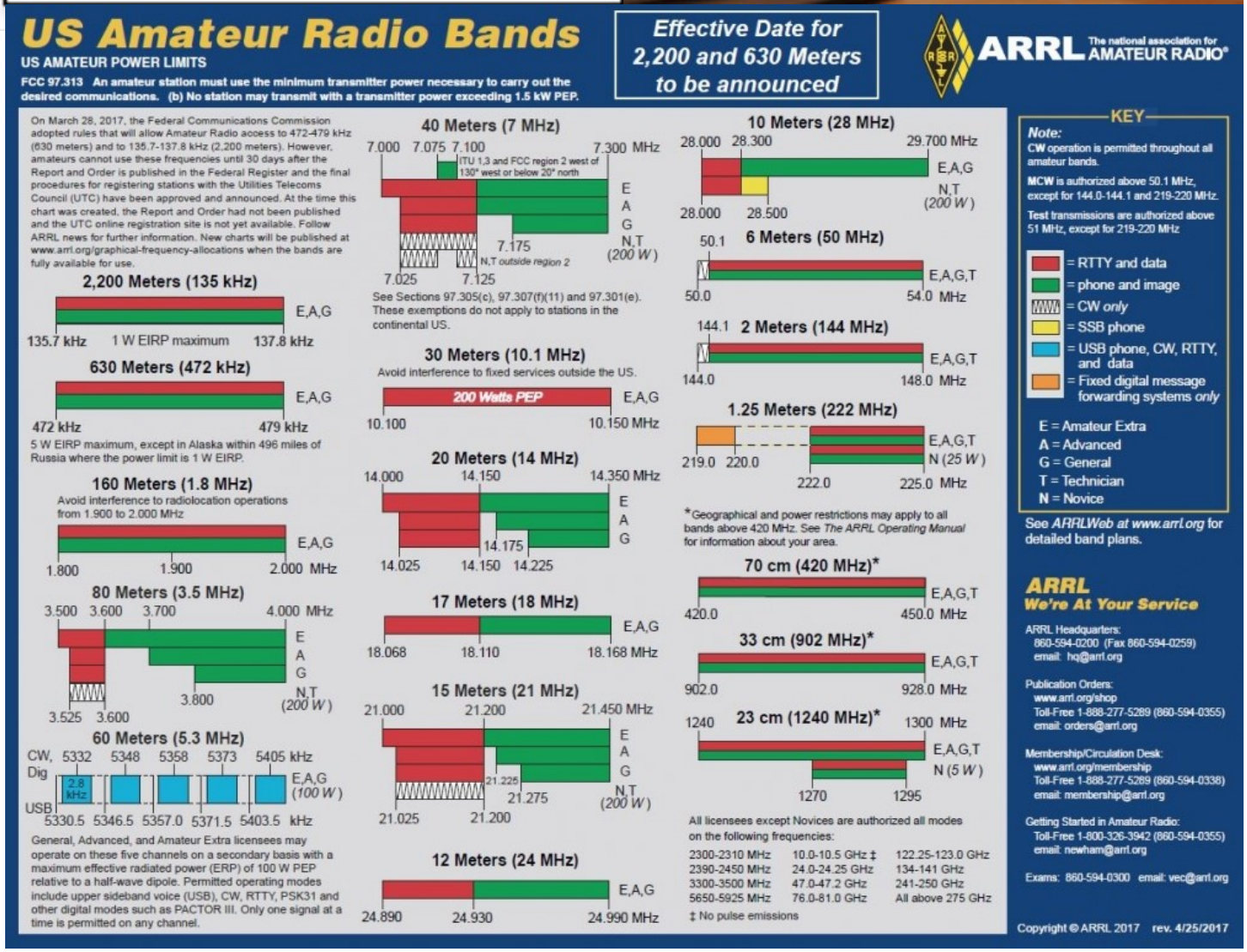
UPGRADE CANDIDATES:
Please bring a copy of your current license to the exam session.

CW Abbreviations

AR End of Message	AS Pse QRX	BK Back to You	SK End of Contact
TU Thank You	PSE Please	K Invite to Transmit	
QST Calling all Amateurs	QRL Are You Busy?	QRU Have anything for me	
QRV Are You Ready?	QRX Standby	QRS Transit Slower	







NETS

Have a favorite HF/6m/2m/1.25m/7Øcm net that you check into or listen in on? Also, please send corrections and we will add it to the list below - Kim KEØNQS at my email KEØNQS.mn@gmail.com.

- **Northland Weather Group Net:** Mondays 2ØØØ on the ARAC repeater (146.940 MHz with a tone of 103.5 and standard offset).
- **Minnesota D-Star Net:** Sundays at 19:3Ø on Reflector 53A
- **Minnesota Section Net** 12ØØ and 173Ø on 3.86Ø [Net Manager: NØYR] http://www.mn-section.org/dept_stm.html
- The non-non-net: Evenings 2ØØØ 144.2ØØ USB except for Sunday evenings.
- Badger WX Net: Ø5ØØ-Ø715 on 3.985. Give 24 hour high/low/current temperature, precipitation and snowfall.
- **PICONET**: 3.925 from Ø9ØØ-11ØØ CT Mon-Sat and 16ØØ-17ØØ CT Mon-Fri. Info at: http://www.piconet3925.com
- Michigan Upper Peninsula Net: 16ØØ (CST) on 3.921 MHz Sun-Sat and 12ØØ Sun. Info: http://www.michupnet.com
- Great Lakes Marine/Maritime Mobile Net: Morning Ø7:3Ø - 3.932; Ø8:15 - 7.261 MHz and evening 18:3Ø - 3.173Ø927; 19:15 - 7.268 MHz. Weekend extra net: 1Ø:ØØ - 7.261/7.268 MHz. All CST, LSB and +/- QRM. See: http://www.sailblogs.com/member/glmmnet/
- MIDCARS: Ø7:3Ø-13:ØØ - 7.258 MHz. See: http://www.midcars.net
- Iowa snowbird net on 14.257MHz, M-W-F at 1Ø:ØØ am Local Time. This is an open net.
- Spider Web Net (Marco Island FL) on 14.347 every morning at Ø73Ø CST/CDT: http://www.spiderwebnet.net
- Maritime Mobile Service Network: Daily at 11ØØ—21ØØ Central on 14.3ØØ. http://mmsn.org and http://www.143ØØ.net
- RV Radio Network: Every day at 19ØØ Central on 7.265 MHz. Web site: http://www.rvradionetwork.com
- Upper Midwest Ten Meter Net: Every Thursday Evening @ 8 PM – 28.48Ø MHz USB
- Wisconsin Sideband Net: Daily @ 5:15 PM – 3985 [or 3982.5] KHz LSB
- Hobby Helpers Net - Tuesday @ 8 PM – 28.33Ø MHz USB (Isanti MN) LSB [Net Manager: WOØA].
- Northstar Trader Net: 3.9Ø8 +/- at Ø83Ø CST Sundays
- WARFA: 3.9Ø8 +/- Sun/Tue/Thu nights at 22ØØ CST, http://warfa.org/
- Youth Net: 14.32Ø-1433Ø Sundays 18ØØ-19ØØ UTC, Net Control: AC8PI
- YACHT: Saturdays 19ØØ CST on EchoLink #481872, http://yachthams.webstarts.com
- Northwestern Ontario ARES Net: Evenings at 2Ø:15 (Central) on +/- 3.75ØMhz
- The Iron Range Net: Saturdays at Ø8ØØ Central time on or near 3.919 Mhz. Look them up on Facebook!
- FORX Net: Mondays at 19ØØ Central at 3.941 Mhz +/- QRM. WAØJXT — Grand Forks, North Dakota
- HF CW: Fridays Ø8:ØØ CST, 7.112 MHz. Informal slow speed CW Net. W8IRT NCS. Email: w8irt@aol.com
- Minnesota ARES Digital Net: Thursdays at 2ØØØ CST, 3.5835 MHz USB +/- QRM, Mode: Olivia 8/5ØØ.
- SARA Digital Net: Sundays at 19ØØ Local, 3.582.15Ø MHz USB +/- QRM, Mode: BPSK31/BPSK63
- Spider Web Net (Marco Island FL): 14.347 every morning at Ø73Ø CST/CDT: http://www.spiderwebnet.net
- Broadcaster Net: 7.231 or 3.855 M/W/F @ 15ØØ UTC. 14.255 M-F @ 213Ø UTC. http://www.cbsretirees.com/ham.htm
- Old Military Radio Net: 7.268 +/- nightly at Ø2ØØz. Other times/Frequencies too. See: http://www.mrca.ar88.net/
- Rag Chew Crew/Tailgaters/Freewheelers Nets: 3.916 +/- nightly at 19ØØ CST, http://www.tailgatersnet.com
- North South Net: 7.214.6 +/- at Ø7ØØ CST, Monday-Saturday



DULUTH AREA REPEATERS

ARAC System WØGKP

Frequency	Offset	Tone	Location	
146.940	minus	103.5	Duluth	
146.940	minus	107.2	Lakeside (recv)	
146.940	minus	151.4	Two Harbors (recv)	
146.940	minus	100.0	Gary-New Duluth (recv)	
146.940	minus	110.9	Cloquet (recv)	Not Operating
147.000	minus	103.5	Mahtowa	
444.100	plus	103.5	Duluth UHF Link	

N9MMU/N9QWH System (WI)

145.310	minus	110.9	Duluth	
145.490	minus	110.9	Solon Springs	
147.255	plus	110.9	Hayward	
145.110	minus	110.9	Rice Lake	
147.345	minus	136.5	Holcombe	
145.230	minus	110.9	Eau Claire	

WECOMM – WI Statewide Linked System WE9COM

147.075	plus	110.9	Meteor Hill (closest repeater to Duluth)	

LSAC System – some may work/some may still be linked

147.330	plus	151.4	Proctor	Not Operating
147.270	plus	114.8	Two Harbors	
147.270	plus	103.5	Wales	
147.090	plus	114.8	Silver Bay	Not Operating
147.300	plus	114.8	Isabella	
145.150	minus	103.5	Washburn, WI	
146.700	minus	103.5	Bayfield, WI	
443.850	+5.00	none	Bayfield, WI	
147.165	plus	110.9	Hurley, WI	
146.640	minus	151.4	Ely	Not Operating
443.500	+5.00	141.3	Gilbert	
147.060	plus	103.5	Virginia	
147.360	plus	162.2	Cook	Not Operating
147.165	plus	114.8	Coleraine	
443.925	+5.00	110.9	Brainerd	
443.200	+5.00	114.8	Tamarack	
147.360	plus	203.5	Aitkin	
146.865	minus	146.2	Giese	Not Operating
443.325	+5.00	146.2	Isanti	

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DULUTH AREA REPEATERS, continued

NARC System NAØRC

147.135	plus	103.5	Knife River
147.135	plus	114.8	Duluth (rcv)

Stand Alone Repeaters

145.210	minus	110.9	Clam Lake, WI
146.880	minus	123.0	Grand Rapids, MN
146.910	minus	146.2	Duxbury, MN
146.955	minus	146.2	Askov, MN
147.105	plus	110.9	Chaffey, WI
444.850	+5.00	141.3	Cloquet, MN

Fusion

Fusion (Analog has tone and C4FM digital with no tone)

147.150 plus 151.4 NTØB Gilbert. MN Fusion Repeater
145.170 minus 110.9 WA9KLM Superior, WI – Douglas County RACES/ARES Fusion Repeater (Digital only) Fusion Room 28373

145.250 minus 103.5 KBØYHX Cloquet, MN – Carlton County RACES/ARES Fusion Repeater

444.300 +5.00 103.5 NØEO Duluth, MN – Spirit Valley Amateurs Fusion Repeater WIRES-X NØEO (Analog only) Fusion Room 40494

444.400	+5.00	103.5	NAØRC Knife River, MN – Wires X Connected to NØEO Room 40494
444.500	+5.00	103.5	NØLCR Two Harbors, MN – Wires X Connected to NØEO Room 40494
444.600	+5.00	103.5	NØLCR Silver Bay, MN – Wires X Connected to NØEO Room 40494
444.800	+5.00	103.5	NØLCR Grand Marais, MN – Wires X Connected to NØEO Room 40494
440.400	+5.00	110.9	WØLSA Maple, WI – Wires X Connected to NØEO Room 40494

D-Star

147.375	plus	NØEO D Star
442.200	plus	NØEO D Star

Rev. KCØWDQ as of 12/01/24 For ARAC Newsletter

Elmers

El-mer / ɛl-mər/ [el-mer]
1. a male given name: from Old English words meaning “noble” and “famous.”
2. an adhesive used to bond like or unlike materials
3. An experienced ham radio operator who mentors new and prospective hams.

Name	Call Sign	Expertise
Jeff Nast	KCØMKS	APRS, EchoLink, WinLink, Fusion, Contesting
Bob Schulz	KCØNFB	Contesting
Jim Anderson	NØJWA	QsoNet
Doug Nelson	AAØAW	HF, VHF/UHF, Contesting, Packet, APRS, Morse Code, VE testing, Echolink, Allstar, EmCom…

Membership Email Directory

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Mike **KB9KRA**
Brian **KB9KUX**
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Co-Editors,
Kim & Steve Waller
KEØNQS & KEØNQT

SUNDAY NIGHT NETS
193Ø - **CW - 28.125 MHz USB-CW**
2ØØØ -**USB 28.45Ø MHz**
21ØØ - **Southern St. Louis County Emergency Services Net**

MONDAY NIGHT NETS
2ØØØ- **Northland WX Net -** ARAC Repeater

NOVEMBER
CLUB EVENTS

TUESDAY NIGHT NETS
2ØØØ -**Douglas Cty 145.49Ø MHz**
2Ø3Ø -**Central Carlton County**

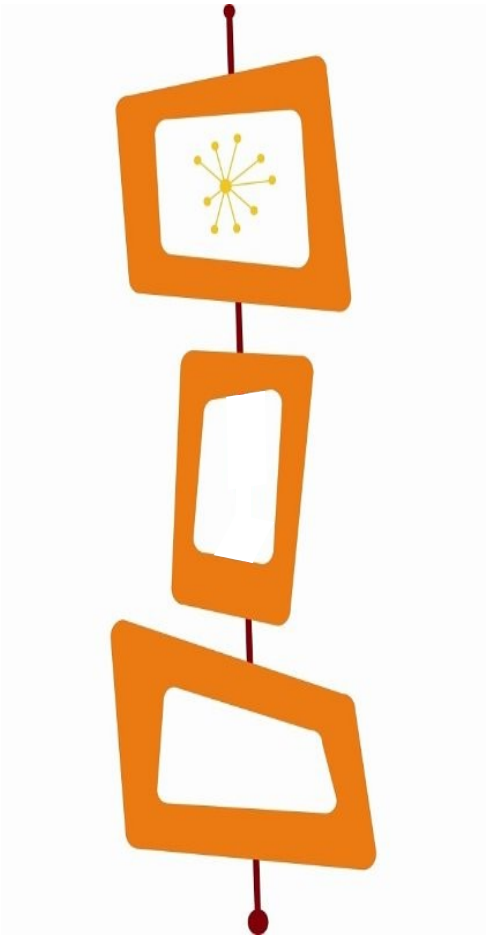
WEDNESDAY NIGHT NETS
19ØØ -**Lake County - LSAC1**
2nd & 4th Wednesdays
21ØØ -**BWAR**

	Mon	Tue	Wed	Thu	Fri	Sat
1 CW 1930 NØPDG USB 2000 NØVRM ES 2100 KØDSL	2 WX 2000 KCØMKS	3 **ARAC BOARD MEETING** Sammy's Pizza 6:30 pm DC Net 2000 CC Net 2030	4 21ØØ -**BWAR**	5	6 Friday Night 6 meter Gag-Chew 50.125 USB 7 PM	7
8 CW 1930 AAØAW USB 2000 AAØAW ES 2100 KD9VKI	9 Douglas County ARES/RACES Mtg 1900 DC EOC WX 2000 KCØMKS	10 DC Net 2000 CC Net 2030	11 HAPPY VETERANS DAY! Lake County ARES/ RACES Meeting 1900 CC EOC Lake County LSAC1 1900 21ØØ - **BWAR**	12 **ARAC** Club Meeting Coppertop Church	13 Friday Night 6 meter Gag-Chew 50.125 USB 7 PM	14
15 CW 1930 NØPDG USB 2000 KB9WLB ES 2100 KCØWDQ	16 WX 2000 KCØMKS	17 DC Net 2000 CC Net 2030	18 21ØØ -**BWAR**	19	20 Friday Night 6 meter Gag-Chew 50.125 USB 7 PM	21
22 CW 1930 AAØAW USB 2000 AD9DJ ES 2100 KFØLFZ	23 WX 2000 KCØMKS	24 DC Net 2000 CC Net 2030	25 **Lake County LSAC1 1900** 21ØØ -**BWAR**	26 Carlton County ARES/RACES Meeting 1900 CC EOC	27 Friday Night 6 meter Gag-Chew 50.125 USB 7 PM	28
29 CW 1930 NØPDG USB 2000 KRØB ES 2100 WØNWO	30 WX 2000 KCØMKS					
						

Get this newsletter *faster* via email!
Email Doug AAØAW at
aaØaw@arrl.net

Next Club Meeting:
November 12, 2026
Coppertop Church

ARAC Committee Chairs



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Ray Barnes KEØZN

Control Operators:
AAØAW - NØKXT - KCØNFB

Newsletter/Historian:
Kim KEØNQS & Steve KEØNQT Waller

Education Chair:
Bob Schulz KCØNFB

Hamfest Chair:
Bob Schulz KCØNFB

Chaplain:
Rollie Bockbader KBØCK

Visiting Chaplin:

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Grant Forsyth KCØWUP

Website:
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Membership:
Sam Frey KEØYTM

Property Chair:
Scott Ahlgren NØVYU

Testing:
Doug Nelson AAØAW

Field Day:

Picnic Chair:
Scott Ahlgren, NØVYU

Repeater Chairs:
Randy Haglin NØBZZ
Randy Wabik KAØJZV

Contest Calendar at www.contestcalendar.com

National Contest Journal at www.ncjweb.com

QSO Party Note: State/Province/National QSO Parties are abbreviated with the 2 or 3 letter abbreviation for the state/province/national designation followed by QP for QSO Party:

Examples: Minnesota QSO Party is MNQP
British Columbia QSO Party = BCQP

QRZ web site at www.qrz.com
VHF Propagation site at www.aprs.mountainlake.k12.mn.us

Reminder: The Contest Corral monthly listing of contests can be found in each issue of QST. ARRL sponsored contests can be found in Contest Corral, highlighted, or on the ARRL's web site at arrl.org.

Profiles in Courage continued from page 1

Because the local high school in Poplar went only through the junior year, Dick finished his senior year at Superior Central High School, commuting the round trip each day. He graduated in 1938, then enrolled at Superior State Teachers College (today the University of Wisconsin–Superior). There he joined the Civilian Pilot Training Program and took private lessons in a Piper Cub, earning his private pilot's license. The farm boy who had watched the mail planes had become a pilot himself.

In May 1941, at age twenty, he enlisted in the Army Air Corps Aviation Cadet Program at Wausau. He trained first at Rankin Aeronautical Academy near Tulare, California, then at Gardner Field for basic flight instruction, and finally at Luke Field in Arizona for advanced training. One of his instructors there was Captain Barry Goldwater, who later remembered him as a bright and natural pilot. On January 9, 1942, only weeks after Pearl Harbor, Dick received his wings and a commission as a second lieutenant. After a short stint as a gunnery instructor at Luke, he moved to Hamilton Field, California, to learn the twin-engine Lockheed P-38 Lightning—the sleek, powerful fighter that would carry him into history.

While home on leave in late 1943, the young officer was invited to crown the homecoming king at a dance at Superior State Teachers College. There he met Marjorie "Marge" Vattendahl, a student and former homecoming queen. Something quiet and genuine sparked between them. Dick's sister helped arrange their first dates, and the modest farm boy and the college girl began a correspondence that would stretch across the Pacific. Before long he painted her photograph on the nose of his P-38 and named the plane *Marge*—calling her, with a pilot's wry humor, "the most shot-at girl in the Pacific."

In the Southwest Pacific, flying primarily with the 9th Fighter Squadron of the 49th Fighter Group, Dick Bong became America's Ace of Aces. His combat career began in late 1942 while he was temporarily attached to another squadron near Port Moresby, New Guinea, waiting for his own unit's P-38s to arrive. On December 27, during the hard fighting



On June 7, 1944, Major Richard Bong landed at Superior Municipal Airport in a newly assigned P-38J-20-LO (serial 44-23491, the "Third Marge"). His prior P-38 was destroyed by another pilot, so the United States Army Air Force promptly replaced issued a new one to Major Bong.

The plane had only about 17 hours on it and Superior, Wisconsin was his first stop on his 15-state war bond tour. The next evening (June 8), the Superior Junior Chamber of Commerce, under Ted Gunderson and with Dr. Paul Miller (Bong's first flight instructor), had fiance Marjorie Vattendahl's photo glued to the left gun cover, and George M. Janicki painted "Marge" beside it. On June 9, Superior newspaper the Evening Telegram reported that Bong made low-level buzz runs over Superior, the shipyards, Tower Avenue, Poplar, and Marge's neighborhood before departing for his next "Buy War Bonds" publicity stop.

Image public domain

around Buna, he claimed his first two victories—a dive bomber and a fighter—in a swirling fifteen-minute battle. He returned to base with a single bullet hole in one engine. Within weeks he was an ace.

On July 26, 1943, while leading a flight on a scramble near Lae, he spotted a mixed formation of roughly twenty Japanese fighters. In a series of aggressive passes he shot down four of them, earning the Distinguished Service Cross and bringing his total to fifteen. He continued scoring steadily through the long campaigns over New Guinea, the Bismarck Sea, and Rabaul. By April 1944, after naming his P-38 *Marge*, he surpassed Eddie Rickenbacker's World War I record of twenty-six victories and was promoted to major. Ordered home for rest and war-bond tours, he returned later that year as a gunnery instructor with V Fighter Command—officially no longer required to fly combat.

Yet he volunteered again and again for hazardous missions. Between October 10 and November 15, 1944, over Balikpapan in Borneo and the Leyte area of the Philippines, he shot down eight more enemy aircraft. General Douglas MacArthur presented him the Medal of Honor at Tacloban airfield on Leyte on December 12, 1944. Five days later, on December 17, he scored his fortieth and final confirmed victory. Across more than two hundred combat missions he was credited with forty aerial victories—still the highest total of any American fighter pilot—along with the Medal of Honor, Distinguished Service Cross, two Silver Stars, seven Distinguished Flying Crosses, and fifteen Air Medals.

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Ordered home for his own safety after becoming the nation's leading ace, he married Marge on February 10, 1945, at Concordia Lutheran Church in Superior in a ceremony that drew national attention. Only six months later, on August 6, 1945—the same day the atomic bomb fell on Hiroshima—Major Bong was killed while test-flying a new Lockheed P-80 jet in California. He was twenty-four. He is buried in the family plot at Poplar Cemetery.





LEFT: Major Richard I. Bong Veterans Historical Center in Superior, Wisconsin features a real, restored **P-38 Lightning** aircraft painted to replicate Major Richard Bong's famous "Marge" fighter plane with the signature red accents and the face of Bong's wife, Marge, on the nose. The center also recently acquired and displays an authentic, recovered original wingtip piece from the actual historical "Marge" P-38 (serial number 42-103993), which was found in the jungles of Papua New Guinea. ***Image credit: Smithsonian Magazine***

RIGHT: Major Richard Bong is photographed next to the original "Marge" P-38, before a fellow pilot **Lt. Thomas E. Malone** flew the plane during a routine reconnaissance mission, where it experienced an electrical systems failure. Lt. Malone successfully bailed out about 11,000 feet and the unpiloted aircraft crashed into the dense Papua New Guinea jungle. ***Image credit: United States Army Air Force***

Michael Colalillo: The Duluth Ironworker Who Charged a German Tank

In the iron-rich hills of northern Minnesota, on December 1, 1925, a son was born to Carlo and Vittoria Colalillo in Hibbing. Carlo had come first from Italy, working in the mines until he could send for his wife and the older children. Michael—Mike to everyone who knew him—was one of nine brothers and sisters in a household that soon knew the hard edges of the Great Depression. When Mike was still a small boy, the family moved to the western end of Duluth, settling on Raleigh Street beside the railroad tracks in a tough, working-class neighborhood.

Life there was lean. Boys scrambled onto stationary coal cars to toss fuel down to friends for heating homes or selling. Mike grew up quick and wiry among the Raleigh Street kids. For his toughness and speed he earned the nickname "Egan," after a well-known Chicago tough guy of the era whose reputation for grit and survival in hard streets had filtered north. In that rough neighborhood the name simply meant he could hold his own.

He attended Denfeld High School, but when he was about sixteen his mother died, leaving his father with several children still at home. Feeling the weight of the family's need, Mike left school to work at the Grand Bakery on 57th Avenue West, doing whatever was required—from cleaning pans to filling bismarcks. His father did not favor the decision, yet Mike insisted he had to help.

Not long after he turned eighteen, the draft board called. In March 1944 he was inducted into the Army, reported for his physical at Fort Snelling, and was sent to Camp Fannin, Texas, for basic training. From there he crossed the Atlantic with the 100th Infantry Division and joined Company C of the 398th Infantry Regiment as a private first class. By the spring of 1945 the division was fighting its way into Germany.

On April 7, near the village of Untergriesheim, Mike's company was pinned down by heavy German artillery, mortar, and machine-gun fire. In the midst of the barrage he stood up, called for his fellow infantrymen to follow, and ran forward behind a supporting American M4 Sherman medium tank (from the 753rd Tank Battalion) while firing his machine pistol—a compact, rapid-firing submachine gun of the kind many riflemen carried for close combat. When shrapnel knocked that weapon from his hands, he climbed onto the exposed deck of the tank, manned its mounted .50-caliber machine gun, and, with bullets rattling around him, poured such accurate fire into an enemy position that he killed or wounded at least ten soldiers and silenced their gun. He stayed with the tank as it advanced, blasting additional emplacements, then continued the attack on foot after the machine gun jammed. When the order came to withdraw, he remained behind under intense fire to help a seriously wounded soldier across several hundred yards of open ground. In all, he was credited with killing or wounding some twenty-five of the enemy and giving decisive impetus to his company's advance.

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For that day's gallantry he received the Medal of Honor. On December 18, 1945, President Harry S. Truman presented it to him at the White House. Mike later recalled, with characteristic humility, that others had done similar things, but that day there happened to be someone there to see it. He also received the Silver Star, Bronze Star, and Purple Heart, and left the Army as a sergeant.

He returned to Duluth and, on November 16, 1945, married Lina Nissila. Together they raised two daughters and a son in the western part of the city. Mike worked for years at Interlake Iron Works and later as a longshoreman for the Duluth Port Authority, retiring in 1987. He coached youth hockey, fished, shared Friday lunches with friends, and traveled with Lina to Medal of Honor Society gatherings.





Upper Image: A colorized image of Sergeant Colalillo's official U.S. Army portrait in December 1945.

Lower Image: A colorized image of President Harry S. Truman presents Sergeant Mike Colalillo with the Medal of Honor on December 18, 1945. While he earned the Medal of Honor for his heroic actions as a Private First Class (PFC) on April 7, 1945, he was promoted later that year and held the rank of Sergeant by the time of the presentation ceremony and his subsequent discharge

Throughout his life, Mike remained a quiet, unassuming man who preferred not to dwell on his wartime actions.

Mike Colalillo died on December 30, 2011, at the age of eighty-six. He was Minnesota's last living Medal of Honor recipient from World War II. Full military honors marked his funeral at St. James Catholic Church and his burial at Forest Hill Cemetery.

Duluth has remembered him with **Mike Colalillo Drive** and **Mike Colalillo Medal of Honor Park** in the west end, a bust at City Hall, and a scholarship in his name administered through the St. Louis County Historical Society and Veterans Memorial Hall.

A replica of his Medal of Honor is displayed at the Veterans Memorial Hall in the Depot, where his story continues to inspire new generations.

Henry Alexius Courtney Jr: The Duluth Lawyer Turned Marine

Henry Alexius Courtney was born on a cold January day in 1916, the fourth child of Henry Alexius Courtney Senior and Florence Eleanor Courtney in Duluth. The youngest of four siblings—older brother John and sisters Elizabeth and Grace—Henry Jr. grew up in a household steeped in the law. His father was a respected attorney who practiced in the family firm, and the boy absorbed both the quiet discipline of the courtroom and the open spirit of a lakeside city built on iron ore and hard work.

At Duluth Central High School he stood out as an athlete, a tall, fair-haired young man remembered as "the Blonde Giant." He starred in football and hockey, earning the respect of teammates and opponents alike for his strength and determination. After graduation from Duluth Central, he followed his father's path to the University of Minnesota Duluth, where he *Continued on Page 16*

Profiles in Courage continued from page 15

continued to play football while earning his bachelor's degree. As a devout Catholic, he then chose to attend Loyola University, a Jesuit law school in Chicago. While still in law school, a spark ignited in Henry to serve his country. He contacted a Marine recruiting office to begin the process of becoming a commissioned officer in the Marine Corps Reserve. Carrying both academic rigor and a growing sense of duty, he completed his studies and was admitted to the bars of Minnesota and Illinois. He returned home in 1940 to practice at his father's law firm, ready to build a civilian career beside Lake Superior.

Yet the same year he joined the **Marine Corps Reserve**. Commissioned a second lieutenant in February 1940, he soon took command of the local Duluth unit. When the unit was mobilized, he trained in San Diego and later served ten months in Iceland. After Pearl Harbor he went to the Pacific as a company commander with the 1st Marine Division and fought on Guadalcanal, where the unit shared a Presidential Unit Citation. Malaria sent him home for a time, but he refused a stateside training assignment; he believed the expanding Marine Corps needed combat-tested leaders. By late 1944 he had returned to the Pacific as a major and executive officer of the 2nd Battalion, 22nd Marines, 6th Marine Division.

On the night of May 14–15, 1945, during the Battle of Okinawa, his battalion was ordered to hold in static defense behind the fiercely contested Sugar Loaf Hill. Weighing the risk of a Japanese night counterattack against the advantage of seizing the forward slope, Courtney obtained permission to attack. He explained the plan to the remaining men of his battered force, then led the way himself, hurling grenades into cave openings and neutralizing enemy guns. Inspired by his example, every man followed. They reached the crest, where he saw large numbers of Japanese forming less than a hundred yards away. He attacked at once, killing many and driving the rest into the caves. Ordering his men to dig in, he moved among them under continuous fire, encouraging the weary, aiding the wounded, and directing better defensive positions. While thus exposed he was struck by a fragment from an enemy mortar shell and killed instantly. He was twenty-nine years old. His distinguished leadership had disrupted the expected counterattack and made an essential contribution to the success of the Okinawa campaign.



Major Henry Alexis Courtney, Jr.'s official Department of War Portrait, circa 1944.

He was posthumously awarded the Medal of Honor. On December 30, 1947, the Commandant of the Marine Corps, General Alexander A. Vandegrift, presented the medal to his parents in Washington. He also received the **Purple Heart** (with gold star in lieu of a second award). His remains were first buried in the 6th Marine Division Cemetery on Okinawa and later reinterred in Calvary Cemetery in Duluth. Though he never married nor had children, his memory endures through his siblings, the naming of **Camp Courtney** on Okinawa, the destroyer escort **USS *Courtney*** (christened by his mother), and the display of his **Medal of Honor** at **Veterans Memorial Hall** in the Duluth Depot. Northlanders can still stand before the story of the young lawyer who could have served his country admirably stateside, but chose to valiantly lead his men, shoulder to shoulder, in the trenches of the frontline.

Honorable Mention Veterans: More Northland Patriots

David Wheat

David Robert Wheat of Duluth grew up in the city, graduated from Duluth Central High School, and earned a degree from the University of Minnesota–Duluth before joining the Navy in 1963. Commissioned in 1964, he became

Continued on Page 17

Profiles in Courage continued from page 16



Commander David Wheat coming home to Duluth, Minnesota in 1973 after surviving 7 1/2 years as a POW in Vietnam. *Image: Duluth News Tribune*

a radar intercept officer with Fighter Squadron 41, flying the F-4B Phantom from the USS ***Independence***.

On his 80th combat mission, October 17, 1965, while escorting bombers near a railroad bridge northeast of Hanoi, his aircraft was hit by ground fire. He ejected, was captured after several hours of evasion, and spent more than seven years as a prisoner of war. After his release in 1973 he returned to active duty, completed pilot training, and later flew the A-6 Intruder before retiring as a commander in 1984. A statue at the Duluth International Airport honors him and all Minnesota POWs and those still missing. His endurance and quiet service continue to remind the Northland of the long price paid by those who answered the call in a distant war.

Joseph Gomer

Joseph Philip Gomer was born in Iowa Falls, Iowa, in 1920 and became one of the Tuskegee Airmen, the pioneering African-American fighter pilots of World War II. He trained at Tuskegee Army Air Field, earned his wings in 1943, and was assigned to the 301st Fighter Squadron of the 332nd Fighter Group in Italy. Flying P-39s, P-47s, and P-51s, he completed 68 combat missions escorting bombers and attacking ground targets over Italy and Germany, surviving close calls that included a crash landing and being riddled by enemy fire. After the war he remained in the Air Force, serving through the Korean War (including helicopter operations) and later as a nuclear weapons officer near Duluth before retiring as a major in 1964. He settled in the Twin Ports, worked for the U.S. Forest Service, and lived quietly until his death in 2013 at age ninety-three. A bronze statue at Duluth International Airport honors the man who broke barriers in the sky and then made the Northland his home.



Tuskeegee Airman Joseph P Gomer seen here as a 2nd Lt. in the U.S. Army Air Force in WWII. He retired as a Major in Duluth in 1964.

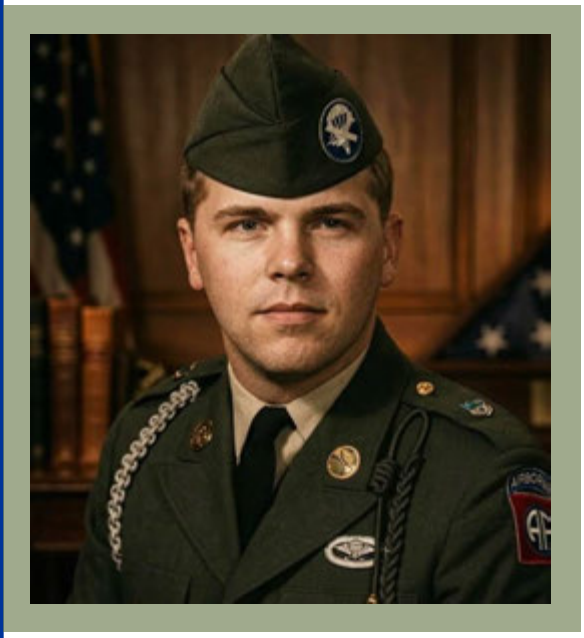


Albert Woolson

Albert Henry Woolson was born in New York in 1850 and, as a fourteen-year-old drummer boy, enlisted in Company C of the 1st Minnesota Heavy Artillery Regiment on October 10, 1864. He served as the company's drummer until his discharge on September 7, 1865, without seeing combat. After the war he moved to Duluth, where he worked as a mechanic, electrician, and stationary engineer and raised a large family. As the years passed he became the last surviving Union Army veteran of the Civil War, and upon his death in Duluth on August 2, 1956, at the age of 106, he was recognized as the final undisputed living link to that conflict. He is buried in Park Hill Cemetery, and a statue stands near the Depot, keeping alive the memory of the drummer boy from Minnesota who outlived all his comrades. ***Image (left) courtesy of the Minnesota Historical Society.***

Continued on Page 18

Profiles in Courage continued from page 17



Dale Dugene Wayrynen Image credit Angellia Fei, Facebook page: Vietnam War Veterans.

Dale Eugene Wayrynen

Dale Eugene Wayrynen was born in Moose Lake in 1947 and raised in the McGregor area. After graduating from McGregor High School he enlisted in the US Army and joined Company B, 2nd Battalion, 502nd Infantry, 101st Airborne Division.

On the night of May 18, 1967, near Duc Pho in South Vietnam, his platoon was helping evacuate wounded when they encountered enemy fire. As a live grenade landed among the tightly grouped men, Wayrynen shouted a warning, pushed a fellow soldier clear, and threw himself on the grenade at the moment it exploded, saving the others at the cost of his own life. He was posthumously awarded the Medal of Honor.

A highway and memorial in McGregor bear his name, and his story is remembered across the Arrowhead region as an enduring example of selfless courage.

Duluth's B Company Marine Reserves

In August 1950, Duluth's B Company Marine Reserve unit—227 men strong—was activated for the Korean War. They marched from Park Point down Superior Street to the Depot and boarded a train for Camp Pendleton, California. Most were later sent into combat in Korea. Of the company, 10 were killed in action and roughly 80 percent were wounded; the unit received 79 Purple Hearts, four Silver Stars, and six Bronze Stars. Many of the men fought in the brutal conditions of the Korean mountains, including the area of the Chosin Reservoir. Surviving members continued to gather for decades in Duluth, and their names and service are honored on the Korean Veterans Memorial along the Lakewalk, a lasting reminder of the Northlanders who answered the call in the "Forgotten War."

We invite you to thoughtfully carry the patriotic gratitude of these stories into the days ahead. **Veterans Day on Wednesday, November 11th,** offers many opportunities across the Twin Ports to honor those who have valiantly served our nation. The **Minnesota Department of Veterans Affairs** will host the official **State of Minnesota Veterans Day Celebration** at the **Duluth National Guard Training and Community Center** (4015 Airpark Boulevard). A free community breakfast begins at 8:30 a.m., with the formal program starting at 10 a.m. No registration is required, and a livestream will be available for those who cannot attend in person.

That same morning, the **Richard I. Bong Veterans Historical Center** in Superior will offer a **Veterans Day Coffee & Comradery gathering** from 8 to 11 a.m. Later in the day, the **University of Wisconsin–Superior** will hold a public **Veterans Day ceremony** beginning at 11 a.m. in the Wright Student Center, featuring the presentation of colors, the national anthem, and the **Henry Blomberg Excellence in Service Awards**.

Throughout the year, and especially as we turn toward Thanksgiving, one place in particular continues to welcome veterans with open doors and a spirit of fellowship: the Richard I. Bong Veterans Historical Center in Superior. For nearly a decade the Center has hosted a free Thanksgiving meal for veterans, active-duty service members, and their families. Community partners—including the Pattison Park Lions and the Manitou Inn—help prepare *Continued on Page 19*

Great Lakes Shipping continued from page 18



a full holiday dinner that can be enjoyed on site, picked up, or delivered. Hundreds of meals are served each year, giving veterans a place of belonging on a day that can otherwise feel lonely. Beyond the holidays, the Bong Center remains a year-round gathering place. Its exhibits honor the Ace of Aces and the wider story of service from the Twin Ports and beyond. Honor Guard members stand ready for ceremonies, educational programs introduce new generations to the history of those who served, and the doors stay open for quiet visits, reunions, and simple conversation among those who understand what it means to have worn the uniform.

As we close this **Veterans Day** feature article in the ***Relay***, we hope you will remember the names we have shared in these pages, and read them to your children and grandchildren. May the torch these heroes have carried for us remain bright—and burn patriotically in all of us. ★

Twin Ports Veterans & War Memorials

- **Richard I. Bong Veterans Historical Center Superior, WI – Museum and memorial honoring America's Ace of Aces and local veterans of all eras.**
- **Veterans Memorial Hall St. Louis County Depot, Duluth – Permanent exhibits, Medal of Honor displays (including Colalillo, Courtney, and others), artifacts, and stories of Northland veterans.**
- **Northland Vietnam Veterans Memorial Duluth Lakewalk – Black granite wall inscribed with the names of 136 area service members lost in Vietnam.**
- **Korean Veterans Memorial Duluth Lakewalk (near Lake Place Park) – Honors those who served in Korea, with special recognition of Duluth's B Company Marine Reserves.**
- **Mike Colalillo Medal of Honor Park West Duluth (Mike Colalillo Drive) – Small park and monument recognizing Duluth's World War II Medal of Honor recipient.**
- **Gary-New Duluth Veterans Memorial Gary-New Duluth neighborhood – Community memorial listing local fallen from World War II, Korea, and later conflicts.**
- **Minnesota State Veterans Cemetery – Duluth Saginaw, MN – State cemetery for veterans and eligible family members; includes additional monuments (Purple Heart and others).**
- **David Wheat Sculpture Duluth International Airport – Honors the Duluth Navy pilot and POW and all Minnesota Vietnam POWs/MIAs.**
- **Joseph Gomer Statue Duluth International Airport – Bronze tribute to the Tuskegee Airman who made Duluth his home.**
- **Dale Wayrynen Memorial McGregor, MN (Highway 210 wayside and highway naming) – Remembers the northeastern Minnesota Medal of Honor recipient.**

These sites offer quiet places for reflection, ceremonies, and learning. Many host or participate in Veterans Day and Memorial Day observances.

Contest Calendar - November 2026

+ North American SSB Sprint Contest	0000Z-0400Z, Nov 1
+ Silent Key Memorial Contest	0600Z-0859Z, Nov 1
+ EANET Sprint	0800Z-1200Z, Nov 1
+ Classic Exchange, CW	1400Z, Nov 1 to 0800Z, Nov 2 and 1400Z, Mar 3 to 0800Z, Nov 4
+ High Speed Club CW Contest	1400Z-1700Z, Nov 1
+ Real Time Contest	1600Z-2000Z, Nov 1
+ K1USN Slow Speed Test	0000Z-0100Z, Nov 2
+ ICWC Medium Speed Test	1300Z-1400Z, Nov 2
+ OK1WC Memorial (MWC)	1630Z-1729Z, Nov 2
+ ICWC Medium Speed Test	1900Z-2000Z, Nov 2
+ RSGB 80m Autumn Series, Data	2000Z-2130Z, Nov 2
+ ARS Spartan Sprint	0100Z-0300Z, Nov 3
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Nov 3
+ ICWC Medium Speed Test	0300Z-0400Z, Nov 3
+ Tuesday's Telegraphy Contest	1930Z-2030Z, Nov 3
+ QRP Fox Hunt	0200Z-0330Z, Nov 4
+ Phone Weekly Test	0230Z-0300Z, Nov 4
+ A1Club AWT	1145Z-1300Z, Nov 4
+ CWops Test (CWT)	1300Z-1400Z, Nov 4
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Nov 4
+ Mini-Test 40	1700Z-1759Z, Nov 4
+ Mini-Test 80	1800Z-1859Z, Nov 4
+ CWops Test (CWT)	1900Z-2000Z, Nov 4
+ UKEICC 80m Contest	2000Z-2100Z, Nov 4
+ VHF-UHF FT8 Activity Contest-NA	0000Z-0500Z, Nov 5
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Nov 5 and 0200Z-0300Z, Nov 6

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Contest Calendar - November 2026

+ CWops Test (CWT)	0700Z-0800Z, Nov 5
+ NRAU 10m Activity Contest	1800Z-1900Z, Nov 5 (CW) and 1900Z-2000Z, Nov 5 (SSB) and 2000Z-2100Z, Nov 5 (FM) and 2100Z-2200Z, Nov 5 (Dig)
+ SKCC Sprint Europe	2000Z-2200Z, Nov 5
+ NCCC FT4 Sprint	0100Z-0130Z, Nov 6
+ Weekly RTTY Test	0145Z-0215Z, Nov 6
+ QRP Fox Hunt	0200Z-0330Z, Nov 6
+ NCCC Sprint	0230Z-0300Z, Nov 6
+ K1USN Slow Speed Test	2000Z-2100Z, Nov 6
+ YBDXPI FT8 Contest	0000Z, Nov 7 to 2359Z, Nov 8
+ IPARC Contest, CW	0600Z-1800Z, Nov 7
+ ARRL Sweepstakes Contest, CW	2100Z, Nov 7 to 0300Z, Nov 9
+ IPARC Contest, SSB	0600Z-1800Z, Nov 8
+ FIRAC HF Contest	0700Z to 1700Z, Nov 8
+ K1USN Slow Speed Test	0000Z-0100Z, Nov 9
+ 4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Nov 9
+ ICWC Medium Speed Test	1300Z-1400Z, Nov 9
+ OK1WC Memorial (MWC)	1630Z-1729Z, Nov 9
+ ICWC Medium Speed Test	1900Z-2000Z, Nov 9
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Nov 10
+ ICWC Medium Speed Test	0300Z-0400Z, Nov 10
+ DARC FT4 Contest	1900Z-2029Z, Nov 10
+ Tuesday's Telegraphy Contest	1930Z-2030Z, Nov 10
+ QRP Fox Hunt	0200Z-0330Z, Nov 11
+ Phone Weekly Test	0230Z-0300Z, Nov 11
+ A1Club AWT	1145Z-1300Z, Nov 11

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+ CWops Test (CWT)	1300Z-1400Z, Nov 11
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Nov 11
+ Mini-Test 40	1700Z-1759Z, Nov 11
+ Mini-Test 80	1800Z-1859Z, Nov 11
+ CWops Test (CWT)	1900Z-2000Z, Nov 11
+ RSGB 80m Autumn Series, SSB	2000Z-2130Z, Nov 11
+ VHF-UHF FT8 Activity Contest-NA	0000Z-0500Z, Nov 12
+ CWops Test (CWT)	0300Z-0400Z, Nov 12
+ CWops Test (CWT)	0700Z-0800Z, Nov 12
+ NCCC FT4 Sprint	0100Z-0130Z, Nov 13
+ Weekly RTTY Test	0145Z-0215Z, Nov 13
+ QRP Fox Hunt	0200Z-0330Z, Nov 13
+ NCCC Sprint	0230Z-0300Z, Nov 13
+ K1USN Slow Speed Test	2000Z-2100Z, Nov 13
+ WAE DX Contest, RTTY	0000Z, Nov 14 to 2359Z, Nov 15
+ PODXS 070 Club Triple Play Low Band Sprint	0000Z, Nov 14 to 2359Z, Nov 16
+ JIDX Phone Contest	0700Z, Nov 14 to 1300Z, Nov 15
+ SKCC Weekend Sprintathon	1200Z, Nov 14 to 2400Z, Nov 15
+ OK/OM DX Contest, CW	1200Z, Nov 14 to 1200Z, Nov 15
+ CQ-WE Contest	1900Z-2300Z, Nov 14 (CW/Digital) and 0100Z-0500Z, Nov 15 (Phone) and 1900Z-2300Z, Nov 15 (Phone) and 0100Z-0500Z, Nov 16 (CW/Digital)
+ AWA Bruce Kelley 1929 QSO Party	2300Z, Nov 14 to 0300Z, Nov 16 and 2300Z, Nov 21 to 0300Z, Nov 23
+ Homebrew and Oldtime Equipment Party	1300-1500Z, Nov 15 (40m) and 1500-1700Z, Nov 15 (80m)

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Contest Calendar - November 2026

+ Classic Exchange, Phone	1400Z, Nov 15 to 0800Z, Nov 16 and 1400Z, Nov 17 to 0800Z, Nov 18
+ Run for the Bacon QRP Contest	2300Z, Nov 15 to 0100Z, Nov 16
+ K1USN Slow Speed Test	0000Z-0100Z, Nov 16
+ ICWC Medium Speed Test	1300Z-1400Z, Nov 16
+ OK1WC Memorial (MWC)	1630Z-1729Z, Nov 16
+ ICWC Medium Speed Test	1900Z-2000Z, Nov 16
+ RSGB FT4 Contest	2000Z-2200Z, Nov 16
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Nov 17
+ ICWC Medium Speed Test	0300Z-0400Z, Nov 17
+ Tuesday's Telegraphy Contest	1930Z-2030Z, Nov 17
+ QRP Fox Hunt	0200Z-0330Z, Nov 18
+ Phone Weekly Test	0230Z-0300Z, Nov 18
+ A1Club AWT	1145Z-1300Z, Nov 18
+ CWops Test (CWT)	1300Z-1400Z, Nov 18
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Nov 18
+ Mini-Test 40	1700Z-1759Z, Nov 18
+ Mini-Test 80	1800Z-1859Z, Nov 18
+ CWops Test (CWT)	1900Z-2000Z, Nov 18
+ VHF-UHF FT8 Activity Contest-NA	0000Z-0500Z, Nov 19
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Nov 19 and 0200Z-0300Z, Nov 20
+ NAQCC CW Sprint	0130Z-0330Z, Nov 19
+ CWops Test (CWT)	0300Z-0400Z, Nov 19
+ CWops Test (CWT)	0700Z-0800Z, Nov 19
+ NTC QSO Party	1900Z-2000Z, Nov 19
+ NCCC FT4 Sprint	0100Z-0130Z, Nov 20
+ Weekly RTTY Test	0145Z-0215Z, Nov 20

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+ QRP Fox Hunt	0200Z-0330Z, Nov 20
+ NCCC Sprint	0230Z-0300Z, Nov 20
+ K1USN Slow Speed Test	2000Z-2100Z, Nov 20
+ LZ DX Contest	1200Z, Nov 21 to 1200Z, Nov 22
+ All Austrian 160-Meter Contest	1600Z-2359Z, Nov 21
+ REF 160-Meter Contest	1700Z-2400Z, Nov 21
+ South American Integration Contest CW	1800Z, Nov 21 to 2100Z, Nov 22
+ Feld Hell Sprint	1900Z-2059Z, Nov 21
+ RSGB 1.8 MHz Contest	2000Z-2300Z, Nov 21
+ ARRL Sweepstakes Contest, SSB	2100Z, Nov 21 to 0300Z, Nov 23
+ K1USN Slow Speed Test	0000Z-0100Z, Nov 23
+ ICWC Medium Speed Test	1300Z-1400Z, Nov 23
+ OK1WC Memorial (MWC)	1630Z-1729Z, Nov 23
+ ICWC Medium Speed Test	1900Z-2000Z, Nov 23
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Nov 24
+ ICWC Medium Speed Test	0300Z-0400Z, Nov 24
+ Tuesday's Telegraphy Contest	1930Z-2030Z, Nov 24
+ SKCC Sprint	0000Z-0200Z, Nov 25
+ QRP Fox Hunt	0200Z-0330Z, Nov 25
+ Phone Weekly Test	0230Z-0300Z, Nov 25
+ A1Club AWT	1145Z-1300Z, Nov 25
+ CWops Test (CWT)	1300Z-1400Z, Nov 25

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+ Mini-Test 40	1700Z-1759Z, Nov 25
+ Mini-Test 80	1800Z-1859Z, Nov 25
+ CWops Test (CWT)	1900Z-2000Z, Nov 25
+ UKEICC 80m Contest	2000Z-2100Z, Nov 25
+ CWops Test (CWT)	0300Z-0400Z, Nov 26
+ CWops Test (CWT)	0700Z-0800Z, Nov 26
+ RSGB 80m Autumn Series, CW	2000Z-2130Z, Nov 26
+ NCCC FT4 Sprint	0100Z-0130Z, Nov 27
+ Weekly RTTY Test	0145Z-0215Z, Nov 27
+ NCCC Sprint	0230Z-0300Z, Nov 27
+ K1USN Slow Speed Test	2000Z-2100Z, Nov 27
+ ARRL EME Contest	0000Z, Nov 28 to 2359Z, Nov 29
+ CQ Worldwide DX Contest, CW	0000Z, Nov 28 to 2400Z, Nov 29
+ K1USN Slow Speed Test	0000Z-0100Z, Nov 30
+ QCX Challenge	1300Z-1400Z, Nov 30
+ ICWC Medium Speed Test	1300Z-1400Z, Nov 30
+ OK1WC Memorial (MWC)	1630Z-1729Z, Nov 30
+ QCX Challenge	1900Z-2000Z, Nov 30
+ ICWC Medium Speed Test	1900Z-2000Z, Nov 30

Our thanks to Bruce Horn, WA7BNM for use of this calendar!
Visit Bruce at www.contestcalendar.com/contestcal.html

The ARAC RELAY

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