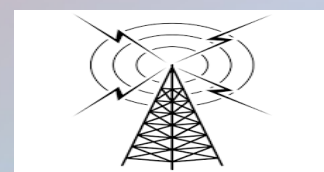


OFF THE AIR



Please visit us online at www.GrantARC.org

The GCARC is an ARRL affiliated club

“Off The Air”

is the official publication of the
Grant County Amateur Radio Club
Vol. 9 No.6 June 2024

2025 Officers

President – Bob McFarland - AD9AW
AD9AW.extra@gmail.com
Vice President – Wayne Williamson –
KC9QCJ
kc9qcj@yahoo.com
Secretary – L. B. Nickerson – K9NQW
k9nqw1979@gmail.com
Treasurer – David Larson – KD9ZZB
Awc1pastor@verizon.net
Trustee – Kevin McNeely – KB9CRA
kb9cra@outlook.com

Newsletter Editor

L. B. Nickerson – K9NQW
k9nqw1979@gmail.com

<http://www.grantarc.net>

Member – Indiana Radio Club Council

ARRL Indiana Section Staff:

Section Manager: Jimmy Merry – KC9PRX
Assistant Section Manager and Section Traffic Manager:
Brian Jenks – W9BGJ
Section Emergency Coordinator: James Moehring - KB9WWM
Assistant SEC: Brent Walls - N9BA
Assistant SEC: Tony Stokes - N9UN
State Government Liason – Dave Spoelstra - N9KT
Public Information Coordinator – Barry Palencer – KC9WMS
Section Youth Coordinator – Andrew Murrey – N9AWM
Technical Special Coordinator – Thomas Busch – WB8WOR
<http://www.inarrl.org>

Section Jobs Description

<http://www.arrl.org/FandES/field/org/>

Grant County ARC Nets

What: 2 Meter Net
When: Every Sunday Evening
Time: 2030 hrs Local Time
Freq: 146.790- (PL 141.3)
Alternate Freq: 147.195+ (PL 141.3)

What: DMR Net – Indiana Crossroads Net
When: Every Monday Night
Time: 2000 hrs Local Time
Freq: 442.750+ (Color Code 1)

What: DMR Net – Indiana Statewide Net
When: Every Tuesday Night
Time: 2000 hrs Local Time
Freq: 442.750+ Talkgroup 3118

What: Dstar Net – Indiana Statewide Dstar Net
When: Every Thursday Evening
Time: 2000 hrs Local Time
Freq: 443.400+ {(W9EBN) (Reflector 24b)}

What: Grant County RACES Net
When: Every 3rd Friday of the month
Time: 8:00 PM EST
Freq: 146.790- (PL 141.3)
Talkgroup 31181



The American Radio Relay League
225 Main Street, Newington, CT 06111
or phone (860)594-0200
or fax (860)594-0303



Notes from the President

Greetings to all operators,

We had a great time of learning and personal direction on the Emergency Management protocol and expectations from Ed Brown (N9GTL) at the last meeting in the City Hall on May the 27th. (There is still openings for additional licensed individuals to become an active participant in the RACES and ARES programs currently being offered here in Grant County.)-Contact either ED (N9GTL) or Nick (K9NQW)

Prior to that segment of the meeting, we tested 2 individuals beginning at the 5 PM segment. We are happy to announce that both testees passed and one then joined the club as another new member. On another note, an additional operator stopped by the City Hall and also joined the club as yet another new member.

On behalf of all the existing club members, GCARC welcomes these new members.

The next meeting will be held on June 24 and we are proposing that as many of older, or former participants attend or attempt to forward any items of club historical significance to Scott (K6SJO). There is a rich and lengthy heritage that has brought this club from the 60's to where we are today. It seems only reasonable that many of today's new members were probably not yet born when this club began, but they should have a singular place to obtain their part in this ongoing history chain. (Any additional questions may be addressed to my contact (AD9AW)

One more closing remark, As President, we do apologize for any discomfort that arose during last meeting while reports were being read. It is the responsibility of the chairman of the meeting to maintain reasonable order and decorum. One report turned into an attack of a personal grudge, being aired in the open meeting. This will not be tolerated and the matter was closed according to protocol and is water under the bridge.

This president has an open door policy and anyone desiring to communicate with us can do so freely at anytime we can agree upon

Thank you all

Blessings

As always, remain radio active

Dr Bob

Notes from the Editor

Field Day is approaching in June 28th and 29th. It was decided by the club that we would not be setting up at Gregg's Hardware in Upland this year. I have sent a message to the ARRL asking for clarification to the AGGREGATE Club Scoring.

These are the 2 classes for Home stations

4.6. (Class D) Home stations: Stations operating from permanent or licensed station locations using commercial power. Class D may work all Field Day stations.

4.7. (Class E) Home stations - Emergency power: Same as Class D, but using emergency power for transmitters and receivers. Class E may work all Field Day stations.

Aggregate Club Scoring

Aggregate Club Score: An aggregate club score will also be published, which will be the sum of all individual entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions). Participants from any Class can optionally include a single club name with their submitted results following Field Day. For example, if Podunk Hollow Radio Club members Becky, W1BXY, and Hiram, W1AW, both participate in 2023 Field Day – Hiram from his Class D home station, and Becky from her Class C mobile station – both can include the radio club's name when reporting their individual results. The published results listing will include individual scores for Hiram and Becky, plus a combined score for all entries identified as Podunk Hollow Radio Club.

The following page has Aggregate FAQ's

The only question I had was if the club is not having a Field Day setup, can we still use the Aggregate Scoring system.

I have sent of and email and raised this question. When I get an answer I will forward the email.

In order to use the Aggregate Scoring we must all include the Club's Name the same.

Use Grant County Amateur Radio Club.

L B Nickerson – K9NQW
Editor

Aggregate Club Scoring FAQ

Below are some frequently asked questions regarding the submission of individual scores to be counted towards a club's aggregate score. Contact the ARRL Contest Program with any questions that are not covered in this FAQ.

Q: Several of our club members are going to operate independently and wish to attribute their scores to the aggregate club score. What call sign should they use?

A: Participants should use their own call signs. Except for Class C (mobile) entries, all transmitters, receivers, and antennas must be located within a 1,000-foot-diameter circle to be able to operate using a single call sign. This prohibits the use of a single call sign from more than one location. Those participants operating from home or locations not at the club's Field Day site must use their own station call signs. Multiple stations operating with a club call sign or modified club call sign, such as W1AW-1, W1AW-2, W1AW-3, etc, are not allowed.

Q: How does my club submit an aggregate club score? Does the club need to add up each participating member's scores and submit a club entry with the aggregate score under the club call sign?

A: Each participant will submit their independent entry under their own call sign (NOT the call sign the club is using.) ARRL will calculate the aggregate score based upon the club name entered on the official Field Day entry form via the web applet (preferred method) or on the paper Field Day entry form. **In order for results to be tabulated correctly, all club participants must enter the club's official name exactly the same, avoiding abbreviations or acronyms. This is important!**

Q: Our group is still planning to operate at the usual Field Day site, but some members will be operating from their home stations, or from other locations. Can we still submit an entry using the club call sign, as well as have members operating using their own call signs?

A: Yes. If your club is hosting a group Field Day effort, it will submit an entry as usual, using the club call sign. Club members operating at other locations will submit separate entries with their own call signs and will enter the club name on the entry form for club aggregate scoring.

Q: Can a club member operate from home using the club call sign?

A: Yes, but the call sign may only be used in one location. The member must receive permission from the trustee of the club call sign.

Q: Our club normally enters Field Day in Class A. If we operate from our home stations, in which class should individual members enter in order to be included in the aggregate club score?

A: Each member will operate independently and will submit the entry using whatever class that applies to their operation. Typically, home stations running on commercial ac power are Class D, while home stations running on battery, solar, generator, or the like (i.e., not from ac mains) are Class E. When the results are published, each club member will be listed in the results under the class in which they operated. Aggregate club scores for clubs with 3 or more entries for the same club will be listed by the club name in a separate listing.

Q: Our club will have 10 members operating from home as Class D stations. Should they worry about working the same station on the same band and mode (duplicates)?

A: Because members are operating as separate entries using their own call signs, the contacts are not considered duplicates.

Q: Does the club need to be an ARRL-affiliated club to participate in Field Day?

A: No. All clubs and groups are welcome to participate in ARRL Field Day.

Q: How will bonus points be calculated for the aggregate club scores? Can individual club members still earn bonus points?

A: All individual scores, including bonus points, will be added together to determine the aggregate club score. Refer to the complete rules to determine eligibility for bonus points.

June 2025

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|--|---|-----------|---|--------|-----------------------------------|
| 1 GCARC 2 Meter Net 8:30 PM Net Control Scott - KC9RAX | 2 Crossroads DMR Net 8:00 PM Net Control Chad - KC9OYW | 3 Indiana Statewide DMR Net 8:00 PM | 4 | 5 Indiana Statewide DStar Net 8:00 PM Net Control Nick - K9NQW | 6 | 7 |
| 8 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW | 9 Crossroads DMR Net 8:00 PM Net Control Chad - KC9OYW | 10 Indiana Statewide DMR Net 8:00 PM | 11 | 12 Indiana Statewide DStar Net 8:00 PM Net Control Nick - K9NQW | 13 | 14 See Notes Below |
| 15 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW | 16 Crossroads DMR Net 8:00 PM Net Control Nick - K9NQW | 17 Indiana Statewide DMR Net 8:00 PM | 18 | 19 Juneteenth Indiana Statewide DStar Net 8:00 PM Net Control Joe - KA9OPL | 20 | 21 |
| 22 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW | 23 Crossroads DMR Net 8:00 PM Net Control Nick - K9NQW | 24 GCARC Monthly Meeting - 6:30 PM Testing - 5:00 PM Marion City Hall Indiana Statewide DMR Net 8:00 PM | 25 | 26 Indiana Statewide DStar Net 8:00 PM Net Control Nick - K9NQW | 27 | 28 ARRL Field Day June 28 - 29 |
| 29 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW | 30 Crossroads DMR Net 8:00 PM Net Control Nick - K9NQW | | | | | |
| | | | | | | |

| | |
|-------|--|
| Notes | June 14th - Monthly Breakfast Meeting - 8:30 AM at Georgie's Cafe on the Bypass |
| | June 14th - Monthly Siren Test - 11:45 AM |
| | Other Weekly Nets: Sunday: Miami County ARC Sunday Night Ragchew Net - 8:00 pm 147.345 (PL 131.8) |
| | Monday: Miami County ARC ARES/RACES Net - 8:00 pm 147.345 (PL 131.8) |
| | Tuesday and Thursday: Miami County ARC Ladies with a License Net 8:00 pm 147.345 (PL 131.8) |
| | Wednesday: Blackford County ARC Net - 8:30 PM - also on Talkgroup 31181; 146.790+ (PL 141.3) and 146.655 |
| | Thursday: 10 Meter Net - 28.425 MHz (+- 25 hz) 8:00 pm (Early Checkins) Net starts at 8:30 pm |
| | |
| | |
| | |
| | |
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| | |



Grant County Amateur Radio Club

Membership Application 2025

Please complete this form and return it with your dues. Make all checks or money orders payable to **GCARC**. Send the printed form with your dues to the Treasurer at the address below. You may also return this application at one of the club's meetings. Please either mail or bring this application and dues to the next meeting.

Meetings are held on the 4th Tuesday of each month at 6:30 pm at Marion City Hall, 301 S Branson St. Park in lot on East side of building. Enter on East side.

Mailing Address:

Grant County Amateur Radio Club
P O Box 1786
Marion, IN 46952

Name: _____

Call Sign: _____

Address: _____

Street Address or Post Office Box

Street Address Line 2

City: _____ State: _____ ZipCode: _____

Phone Number: (____) _____

Email: _____

Current ARRL Member? Yes _____ No _____

Dues:

- Full Annual Membership: \$25.00 per person. (**\$5.00 goes into the Repeater Fund**)
- Family Annual Membership: Full membership + \$5.00 per person, maximum of \$30.00 per household
- Associate Membership: \$15.00 per person.

Limitations on Associate Membership:

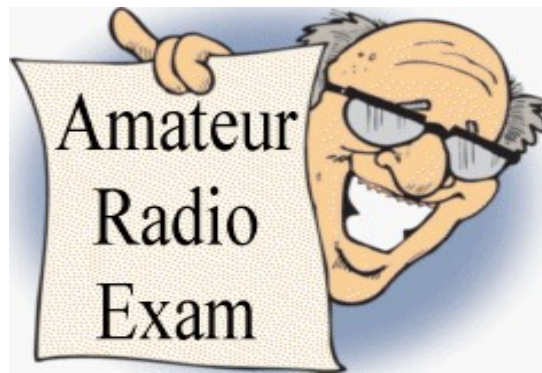
1. No voting privileges
 2. Cannot hold Office
- Partial-Year Membership: After July 1st dues are reduced to ½ the normal rate for Full or Associate Membership. (**Full Membership is \$12.50 with \$2.50 going into the Repeater Fund**)

Please make sure you sign the form.

Signature: _____

I agree to abide by and support the Constitution and ByLaws of the Grant County Amateur Radio Club.

NOTE: Please fill out a seperate form for each family member.



06/02/2025

Sponsor: Whitley County ARC
Time: 08:30 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: n9qcl@arrl.net
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612

06/09/2025

Sponsor: Whitley County ARC
Time: 08:00 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: n9qcl@arrl.net
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612

06/14/2025

Sponsor: Indianapolis Radio Club
Time: 12:00 PM (**No Walk-ins Allowed**)
Contact: James Kajder
(505) 228-3704
Email: testing@indyradioclub.org
VEC: ARRL/VEC
Location: Salvation Army EDS Trng Fac
4020 Georgetown Road
Indianapolis, IN 46254
Register or Call Ahead

06/16/2025

Sponsor: Whitley County ARC
Time: 08:30 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: n9qcl@arrl.net
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612

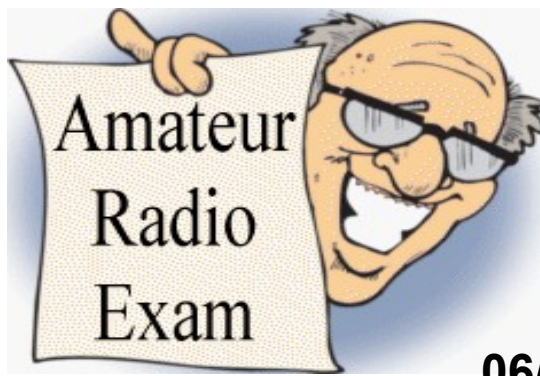
06/17/2025

Sponsor: Anderson Repeater ARC
Time: 07:00 PM (**Walk-ins Allowed**)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EMA EOC
300 N Delaware St
GPS Location: 119 N Jackson St
Anderson, IN 46016

06/23/2025

Sponsor: Marshall County ARC
Time: 08:00 PM (**Walk-ins Allowed**)
Contact: Richard J Basham
(574) 216-6080
Email: k9ilu@yahoo.com
VEC: LAUREL VEC
Location: Corner Stone Church of Argos
11525 State Road 10
Argos, IN 46501-9519

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.



06/23/2025

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. Mc Entarfer
(260) 503-9008
Email: rlmcen55@gmail.com
VEC: W5YI VEC
Location: **Virtual**
717 E 400 N
Columbia City, IN 46725-8612

06/24/2025

Sponsor: Grant County ARC
Time: 5:00 PM (**No Walk-ins Allowed**)
Contact: Lynn B. Nickerson
(765) 517-1581
Email: k9nqw1979@gmail.com
VEC: ARRLVEC
Location: Marion City Hall
301 S Branson St
Marion, IN 46952
Register or Call Ahead

06/30/2025

Sponsor: Whitley County ARC
Time: 8:30 PM (**Walk-ins Allowed**)
Contact: Roger L. Mc Entarfer
(260) 503-9008
Email: rimcen55@gmail.com
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.





FCARC Summer Hamfest

Start Date: 06/07/2025

End Date: 06/07/2025

Location: American Legion Post 373

5939 State Route 109

Delta, OH 43515

Sponsor: Fulton County Amateur Radio Club

Type: ARRL Hamfest

Talk-IN: 147.195+ (PL 103.5 Hz)

Public Contact: Bryan Patterson, KB8ELG

8202 County Rd 6-2

Delta, OH 43515

Phone: 812-521-6206

Email: kb8elg73@gmail.com

Website: <https://k8bxq.org/hamfest>





Below is a list for contesting. This list is from the ARRL.org webpage

June 2025

International Digital Contest Date: 07-08

June VHF 14-16

Kids Day 21

Field Day 28-29

Rules can be found at www.arrl.org/contest

Also for other contest that are available go to the above webpage and look under Contest Corral.

Special Event

Stations

| <u>Date</u> | <u>Name of Special Event</u> | <u>Webpage</u> |
|-------------------|---|---|
| 05/30 to 06/06 | Portland Rose Festival | https://w7lt.org |
| 05/31 to 06/02 | American Diabetes Association 2025 Tour de Cure: Capital Region (NY) | https://diabetes.org/hamradio |
| 06/01 to 06/14 | W2W D-Day Commemoration | ww-2.us |



Special Event Stations



| <u>Date</u> | <u>Name of Special Event</u> | <u>Webpage</u> |
|-------------------|---|---|
| 06/02 to 06/16 | Commemorate Crash of B-24 Liberator # 41-29157 | https://www.qrz.com/db/TM44LIB |
| 06/04 to 06/07 | Battle of Midway Island June 4-June 7, 1942 and Museum Ships Weekend | wa4usn.org |
| 06/05 to 06/08 | 25 th Annual Feast of Saint Anthony Festival | NJ2KC.org |
| 06/06 | Dday | https://www.n4nrv.org |
| 06/06 to 06/07 | Hank Williams Celebration | https://www.k4tns.com |
| 06/07 to 06/08 | Museum Ships Weekend | www.qrz.com/db/ni6iw |
| 06/07 to 06/08 | Museum Ships Weekend | www.w4avm.org |
| 06/07 to 06/08 | Museum Ships Weekend Event | nj2bb.org |
| 06/07 to 06/08 | Museum Ships Weekend Event USS Tennessee BB43 Memorial Museum https://bsfarc.org/museum-ship-weekend | |
| 06/07 to 06/08 | Museum Ships Weekend Sat & Sun | qrz.com/db/k3sav |

More info on these Special Events Stations go to: http://www.arrl.org/special_events



Special Event Stations



| <u>Date</u> | <u>Name of Special Event</u> | <u>Webpage</u> |
|-------------------|---|---|
| 06/07 to 06/08 | Museum Ships Weekend Station | www.ussnautilus.org |
| 06/07 to 06/08 | National Museum of the Great Lakes Museum Ships Weekend | www.w8hhf.org |
| 06/07 to 06/08 | NB9QV USS Cobia Museum Ships Weekend | https://www.qrz.com/db/MB9QV |
| 06/07 to 06/08 | Ships On The Air | johnr1000@aol.com |
| 06/14 | Appleton Flag Day Parade | fcarc.club |
| 06/14 to 06/29 | Audie Murphy's 100 th Birthday | https://k5gvl.com/audie-murphy |
| 06/21 to 06/22 | 152 nd Birthday of Indian Prairie | zerobeaters.org |
| 06/21 to 06/22 | Remembering Private Chester Bird | www.qrz.com/db/K0CBP |
| 06/22 to 07/07 | Festival Jazz Montreal | |
| 06/28 to 06/29 | Field Day | WWW.GSBARC.ORG |
| 06/29 to 07/03 | Boy Scouts of America/Michigan CrossRoads Council – Trail to Eagle (TTE) https://michiganscouting.org/camping/trail-to-eagle | |

Ham Radio Trader

This is a new section of the newsletter. Items on this page are for sale by hams. The following rules will apply for items to be listed on this page.

1. All items must be Amateur Radio related

Examples: Ham radio gear and computer items.

2. Ads must be submitted by the 15th of the month so that they can be put in the newsletter the following month.

Example: Items for the March newsletter must be submitted no later than February 15th

Ads must have the following information.

Item description, picture of item in jpg form, selling price, and email of seller.

You can send your ad to k9nqw@arrl.net

For Sale - Example



Icom IC-2720H Transceiver

Icom IC-2720H VHF/UHF

Transceiver: VHF-144-148 MHz

UHF-440-450 MHz

Receiver Frequency Coverage:

Left side: 118-550 Mhz,

Right side: 118-174, 375-850, 910-999.99 MHz

(less Cellular)

Mode: FM, AM Memory Channels: 212

Output Power: VHF: 50W, 15W, 5W

UHF: 35W, 15W, 5W

Power output is selectable

Power Supply Requirement: 13.8V DC

Asking: \$220.00

Contact: Nick at k9nqw@yahoo.com

For Sale: Icom IC-W2A

UHF/VHF Handheld Transceiver



Specifications:

General:

Type: Amateur VHF/UHF transceiver
Frequency Range: USA
TX: 144-148 / 440-450 MHz
RX: 136-174 / 400-470 MHz
Mode: FM
Channels / memory management: 60 regular
Repeater shift / offset: \pm
Power Supply: 6-16 VDC
Current drain / power consumption:
RX: 20-200 mA
TX: Max 1.8 A
Antenna impedance / connector:
50 ohm / BNC
Dimensions (W*H*D):
2.12"x6.06"x1.42"
Weight: 15.87 oz. with BP-83

Receiver Section:

No information available

Transmitter Section:

RF output power:

| | High | Low 3 | Low 2 | Low 1 |
|-------|------|-------|-------|--------|
| 2m: | 5W | 3.5 W | 1.5 W | 500 mW |
| 70cm: | 5W | 3.5 W | 1.5 W | 500 mW |

Included in package: