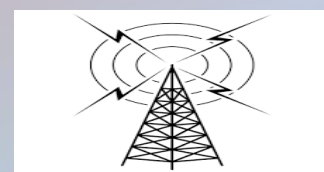


OFF THE AIR



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.4 April 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.inarrrl.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

This month's meeting was well attended. We are happy to announce that two testers passed and now are new tech's. They are planning to join the club shortly. We certainly welcome them into this exciting, new world of communication.

We had a very good meeting and exchanged a considerable amount of information and business. We are planning for Scott KC9RAX to be our extra activity at the next meeting on April 22. This will be very informative and we will be hearing from Scott more as the date approaches.

Charlie KA9HDG was quite masterful in showing us all how to make and set up a 10 meter antenna. These antennae were manufactured from a milk jug and nuts and bolts. If you happened to have missed it, contact someone who was there and ask them to help you make one. I'm asking any who may have been able to make one of those and actually hook it up and transmit... We certainly are looking forward to some pictures of a working 10 meter station in the next few weeks. Please let me know when anyone has an up and running station.

Again should anyone need any help or questions answered, please contact me at AD9AW on the .790

Call me at 765-661-9949

Or email at AD9Aw.extra@gmail.com

Blessings

Dr. Bob



Notes from the Editor

This month I want to talk about the Remind messaging system that the club uses.

In the next couple of days I will be sending out an email to everyone that is on the Remind list. There are 4 different Remind groups that we use to notify members of events that are going on with the club.

The following Remind list that we are using will be as follows:

- Grant County Amateur VE's
- Grant County ARC - Members
- Grant County ARC – RACES
- Monthly Siren Test

If you are on several list you will have to sign in for that particular list. As I said I will be sending everyone an email in the next couple of days explaining how to register for these groups.

This system works better than an email, because you get the information as soon as I send the message. This message will be sent to your cell phone number.

I want to thank everyone in advance for your help in this matter.

If you have problems or questions please feel free to contact me at k9nqw1979@gmail.com Or 765-517-1581

L B Nickerson – K9NQW
Newsletter Editor



April 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3 Indiana Statewide DStar Net 8:00 PM Net Control Nick - K9NQW	4	5
6 GCARC 2 Meter Net 8:30 PM Net Control Scott - KC9RAX	7 Crossroads DMR Net 8:00 PM Net Control Chad - KC9OYW	8	9	10 Indiana Statewide DStar Net 8:00 PM Net Control Nick - K9NQW	11	12 See Notes Below
13 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW	14 Crossroads DMR Net 8:00 PM Net Control Chad - KC9OYW	15	16	17 Indiana Statewide DStar Net 8:00 PM Net Control Joe - KA9OPL	18 Monthly RACES Net 8:00 PM 146.790- (PL 141.3) Talkgroup 31181	19
20 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW	21 Crossroads DMR Net 8:00 PM Net Control Nick - K9NQW	22 GCARC Monthly Meeting - 6:30 PM Marion City Hall Indiana Statewide DMR Net 8:00 PM	23	24 Indiana Statewide DStar Net 8:00 PM Net Control Joe - KA9OPL	25	26 NCI Hamfest Peru, IN 9:00 Am til 3:00 PM Talk-in: 147.345+ (PL 131.8)
27 GCARC 2 Meter Net 8:30 PM Net Control Nick - K9NQW	28 Crossroads DMR Net 8:00 PM Net Control Nick - K9NQW	29	30			

Notes

- April 12th - Monthly Breakfast Meeting - 8:30 AM at Georgie's Cafe on the Bypass
- April 12th - 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
- Monthly Testing TBD



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 separate form for each family member.

Demonstration on building a 10 Meter Dipole Antenna

Charlie – KA9HDG gave a class of instruction on building a 10 Meter Dipole Antenna using milk jugs.



Milk Jugs for 10 Meter Dipole Antenna



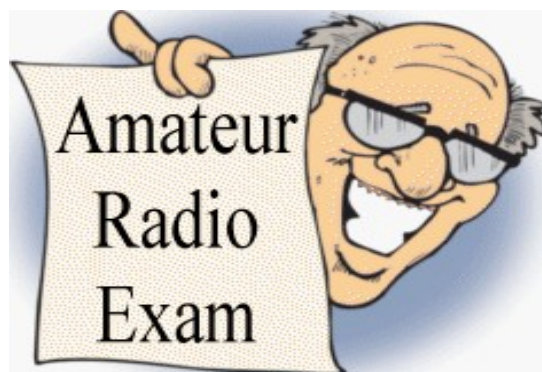
Charlie – KA9HDG showing the first step on making the Milk Jug antenna



Several members watching Charlie – KA9HDG as he instructs them on making the Milk Jug 10 Meter Dipole Antenna



Charlie – KA9HDG showing the final phase of putting the Milk Jug 10 Meter Antenna together



04/07/2025

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

04/14/2025

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

04/15/2025

Sponsor: Anderson Repeater Club
Time: 7:00 PM (**Walk-ins Allowed**)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EOC
300 N Delaware Street
Anderson, IN 46016-2238

04/19/2025

Sponsor: Centra Indiana ARA/HCRACES
Time: 10:30 AM (**No Walk-ins Allowed**)
Contact: Joseph March
(317) 224-9433
Email: jmarch54@att.net
VEC: ARRL/VEC
Location: Sheriff's Training Room
18100 Cumberland Rd
Noblesville, IN 46060-1624
Call Ahead

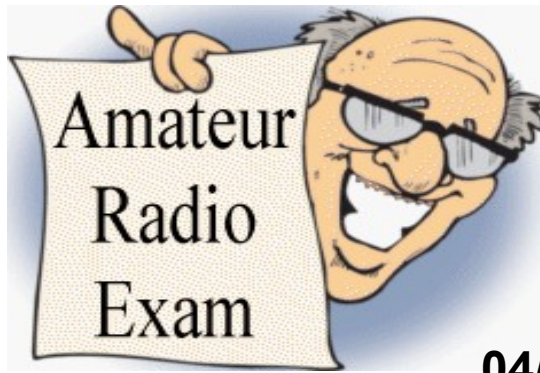
04/21/2025

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

04/22/2025

Sponsor: Grant County ARC
Time: 05:00 PM (**No Walk-ins Allowed**)
Contact: Lynn B Nickerson
(765) 517-1581
Email: k9nqw1979@gmail.com
VEC: ARRL/VEC
Location: Marion City Hall
301 S Branson St
Marion, IN 46952

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



04/26/2025

Sponsor: Whitley County ARC
Time: 10:00 AM (**Walk-ins Allowed**)
Contact: Roger L. Mc Entarfer
(260) 503-9008
Email: rimcen55@gmail.com
VEC: W5YI VEC
Location: Miami County 4-H Fairgrounds
1029 W 200 N
Peru, IN 46970-7526

04/28/2025

Sponsor: Marshall County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Richard J. Basham
(574) 216-6080
Email: rjbasham@yahoo.com
VEC: W5YI VEC
Location: Cornerstone Church of Argos
11525 State Road 10
Argos, IN 46501-9515

04/28/2025

Sponsor: Whitley County ARC
Time: 8:00 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.





Columbus Indiana Hamfest

Start Date: 04/05/2025

End Date: 04/05/20245

Location: Columbus North High
School Cafeteria

1400 25th Street
Columbus, IN 47201

Sponsor: Columbus Amateur Radio Club

Type: ARRL Hamfest

Talk-IN: 146.790 - (PL 103.5 Hz)

Public Contact: Mike Idlewine, WE9MI

4373 Windsor Lane
Columbus, IN 47201

Phone: 812-521-6206

Email: Idlewine@comcast.net

Website: <http://carcnet.net>

North Central Indiana Hamfest

Start Date: 04/26/2025

End Date: 04/26/2025

Location: Miami County 4-H
Fairgrounds

1029 W 200 North
Peru, IN 46970

Sponsor: Cass County, Miami County
Kokomo County, Grant County Clubs

Type: ARRL Hamfest

Talk-in: 147.345+ (PL 131.8)

Public Contact: Lindsay Hamaker -
KD9WAI

1604 Summerfield Drive

Marion, IN 46953

Phone: 765-251-8305

Email: info@ncihamfest.com





Contesting



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

April 2023

Rookie Roundup - Phone Date: 04-13

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.

Circuit Symbols xkcd.com/2818

CIRCUIT SYMBOLS

	DRAWBRIDGE		BATTERY
	OVERPASS		BAERTTY
	POGO STICK		BATTTTTT- TTTTTTRY
	EARTHQUAKE		CHECK OUT THIS REALLY COOL DIODE
	SHEEP		WAVE POOL
	TWO SHEEP IN LOVE TRAPPED ON OPPOSITE SIDES OF A FENCE		TROLLEY PROBLEM



Special Event Stations



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
04/01 to 04/13	Bluegrass Amateur Radio Society 85 th Anniversary	bluegrassars.org
04/01 to 04/06	Sun N Fun Aerospace Exposition	info@lakelandarc.org
04/04 to 04-07	167 Annual Tater Day 2025	
04/05 to 04/19	Polio on the Air	https://nars.narwhal.be/polio
04/06 to 04/13	GERATOL NET 52 nd Anniversary	https://geratol.net
04/10	Honoring the 100 th Anniversary of American Legion Horry Post 111	https://horrypost111.org/amateur-radio-club
04/11 to 04/13	National Library Week 2025	www.qrz.com/db/wf8u
04/12 to 04/13	Activation of State Parks in the State of Texas Commemoration Tom King, WK5DX	www.k5lrk.com
04/12	Mississippi State Parks on the Air	https://jcmsara.org/mississippi-parks-on-the-air

Special Event Stations



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
04/12	Operation Frequent Wind	www.qrz.com/db/ni6jw
04/12 to 04/13	Venice Florida Shark's Tooth Festival	tamiamiarc.org
04/16 to 04/30	2025 NFL Draft	www.k9eam.org
04/18	World Amateur Radio Day 2025	https://www.roc-ham.net/ward-2025
04/19	Ozark Highland Nature Center 5 th Anniversary	https://bellavistaradioclub.org
04/19 to 04/20	World Amateur Radio Day	
04/25 to 04/27	Handiham Program 58 th Anniversary	handiham.net
04/26 05/06	Dxpedition to St. George Island	k5ten@aol.com
04/26	International Marconi Day - Official Station	qrz.com/db/k3s
04/26	Marconi Day Event	WWW.GSBARC.ORG

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: ±
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:

BC-72 Desktop Charger with DC12v cable Cp-13 and BC77A cable
 Charger Adapter AD-20 uses the same Cp-13 cable and BC77A cable
 HM-65 speaker and microphone
 Schematic Diagram and operating instructions

NOTE: Batteries included but they will not take a charge

Asking Price: \$60.00 or best offer

Ron Trautvetter
 etrautvetter@indy.rr.com
 Phone: 765-603-3114