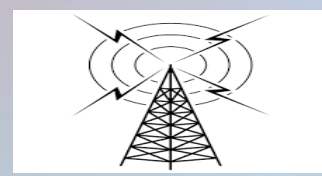


OFF THE AIR



Please visit us online at www.GrantARC.com

The GCARC is an ARRL affiliated club

“Off The Air”

is the official publication of the
Grant County Amateur Radio Club

2021 Officers

President – Mitch Miller - W9DDX
 mitchmiller55@gmail.com
 Vice President – Kevin Hicks - KC9MWQ
 Kevin@kc9mwq.com
 Secretary – L. B. Nickerson – K9NQW
 k9nqw@yahoo.com
 Treasurer – Bob McFarland - KC0KIR
 profbob9949@gmail.com
 Trustee – Kevin McNeely – KB9CRA
 kb9cra@indy.rr.com
 Newsletter Editor – L. B. Nickerson – K9NQW
 k9nqw@yahoo.com

<http://www.grantarc.org>

Member – Indiana Radio Club Council

ARRL Indiana Section Staff:

Section Manager: Jimmy Merry – KC9PRX
 Section Emergency Coordinator: James Moehring - KB9WWM
 State Government Liason – Dave Spoelstra - N9KT
 Official Observer Coordinator: Open
 Section Traffic Manager: Brian Jenks – W9BGJ
 Public Information Coordinator – Barry Palencer – KC9WMS
 Section Youth Coordinator – Andrew Murrey – N9AWM
 Technical Coordinator – Thomas Busch – WB8WOR
 Affiliated Club Coordinator – Jimmy Merry – KC9RPX

<http://www.inarrl.org>

Section Jobs Description

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

From the President

Hello Amateur Operators and Club Members;
 We've been doing testing and we have had several people test from different areas. We have been able to get a booklet set up for them. Bob (KC0KIR), Nick(K9NQW), and I have been working on that. I want to welcome Bob Mcfarland (KC0KIR) as the new Treasurer to the club. So if you see Bob, congratulate him. We are going to start having meetings again. We're not going back to the Library. We've got other adventurous places to go and we're hoping to bring different items with us after people have tested to give them some experience and show them what's going on so they are not left in the dark about Amateur Radio. At the meetings in the upcoming months I would like to have a couple of classes on antenna building.

From your Club President
Mitch Miller - W9DDX

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



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



Meet the 2021 Officers

Treasurer



Bob McFarland - KC0KIR

I have always been interested in radio operation and propagation. I was first licensed as a Technician in 1999. I upgraded to General about a year later. My interest in amateur radio is Dxing and talking to friends in other countries. I founded a college in the city of Jerusalem in which part of the college included a communications center. I have been a member of the GCARC for the last 10 years and I look forward to serving you as your Treasurer.

** Membership Dues **

2021 membership dues are now due. You can send your check or money order to:

Bob McFarland - KC0KIR
1468 East Crane Pond Drive
Marion, IN 46952

Form is on line at: grantarc.org

Make your check or money order out to:
GCARC

Dues:

Full Annual Membership: \$20.00 per person

Family Annual Membership: Full membership + \$5.00 per person, maximum of \$30.00/household

Associate Membership: \$10.00 per person

Partial-Year Membership: After July 1st, Dues are reduced to ½ the normal rate for Full or Associate Membership.



NOTES FROM THE EDITOR

Well here we are approaching March, Spring is just around the corner. Hopefully we as a club can start getting together and meeting once a month again.

I want to remember that the dues for the club are now due.

Dues are \$20.00 for full membership for the year.

Dues are \$10.00 for Associate membership for the year.

Dues are \$20.00 for Family plus \$5.00 per member up to \$30.00

Applications can be downloaded from our webpage: www.grantarc.org.

Or

Print out this application form from this newsletter on page 11 of this newsletter.

Make your checks or money orders out to GCARC. Send the check or money order

To: Bob Mcfarland – KC0KIR

1468 East Crane Pond Drive

Marion, IN 46952

This brings me to a question I would like to ask: If the club was to set up a PayPal account, how many of the members would use this service if it were available? Please give it a thought and send me your thoughts to k9nqw@yahoo.com. More details on this form of payment will be brought up at the next meeting.

Another thing that I have found with other clubs is that they offer a multi year membership. Most of these clubs will give it's members a discount if they pay for a multi year membership in increments of 2, 3, 4, or 5 years. This is just another tool to be used to retain membership in the club. Again I ask that you give it a thought and send me your thoughts to k9nqw@yahoo.com.

L. B. Nickerson - K9NQW
Editor

Interesting facts about the 2 meter Sunday Night Net, DMR net, and Dstar Net

Since I file a monthly report on the above nets I thought it would be of interest to you just how many people have checked into the 3 nets ran by the GCARC

GCARC 2 Meter Sunday Night Net. From April 2019 to December 2020

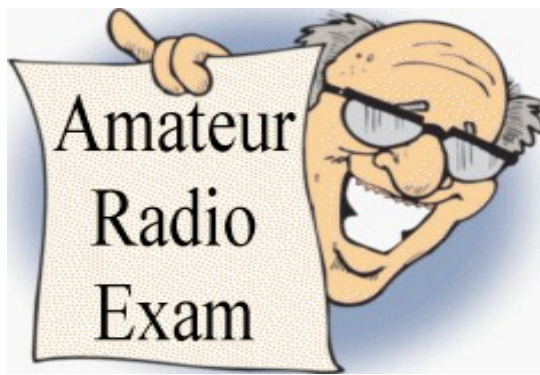
2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	NA	NA	NA	NA	73	75	58	61	75	68	66	72	69
2020	56	68	88	79	94	66	62	73	46	43	70	56	67

CrossRoads DMR Net – Every Monday Night

2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	NA	NA	NA	19	39	42	63	44	81	63	83	66	56
	70	77	95	108	102	128	121	170	117	130	165	133	118

Indiana Statewide D-Star Net – Every Thursday Night

2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	NA	NA	NA	18	76	52	31	62	50	71	56	65	53
	88	69	71	99	73	79	62	66	71	79	39	64	72



03/06/2021

Sponsor: Wells County Radio Club
Time: 09:00 AM (**Walk-ins Allowed**)
Contact: Rick Allen Velasquez
(765) 348-9322
Email: ab9hp@yahoo.com
VEC: ARRL/VEC
Location: Annex Building
223 West Washington Street
Bluffton, IN 46714-1996

03/13/2021

Sponsor: Indianapolis Radio Club - W9JP
Time: 12:00 PM (**No Walk-ins Allowed**)
Contact: James K. Rinehart
(317) 721-1458
Email: k9ru@arrl.net
VEC: ARRL/VEC
Location: Salvation Army EDS Training Facility
4020 Georgetown Road
Indianapolis, IN 46254-2407

Call Ahead

03/23/2021

Sponsor: Grant County ARC
Time: 5:00 PM (**No Walk-ins / Call Ahead**)
Contact: Mitch Miller
(765) 661-5893
Email: mitchmiller55@gmail.com
VEC: ARRL/VEC
Location: **To Be Announced**
Contact for Location
Marion, IN 46952-9999

03/16/2021

Sponsor: Hancock County ARC
Time: 09:00 AM (**Walk-ins Allowed**)
Contact: Jill Schaumloeffel
(317) 363-4674
Email: n2jlc@yahoo.com
VEC: ARRL/VEC
Location: Park Chapel Christian Church
1176 East McKenzie Road
Greenfield, IN 46740-1100

03/22/2021

Sponsor: Marshall County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact:
(574)216-6080
Email:
VEC: W5YI VEC
Location: Cornerstone Church of Argos
11525 State Road 10
Argos, IN 46501-9519

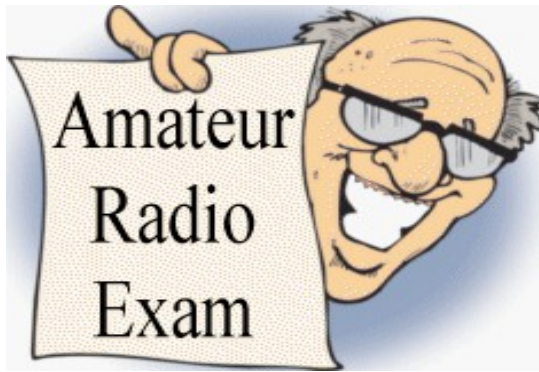
03/27/2021

Sponsor: Michael Elder
Time: 9:00 AM (**No Walk-ins Allowed**
Call Ahead)
Contact: Michael D. Elder
(765) 570-6667
Email: wj9e42@yahoo.com
VEC: ARRL/VEC
Location: Rushville Public Library
130 West 3rd Street
Rushville, IN 46173-1846

Call 4-5 days in advance to schedule Appt

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





04/10/2021

Sponsor: Indianapolis Radio Club W9JP
Time: 12:00 PM (**No Walk-ins / Register Or Call Ahead**)

Contact: James K Rinehart
(317) 721-1458

Email: k9ru@arrl.net

VEC: ARRL/VEC

Location: Salvation Army EDS Training Facility
4020 Georgetown Road
Indianapolis, IN 46218-2169

04/17/2021

Sponsor: Central Indiana ARA
Time: 10:30 AM (**No Walk-ins / Register Or Call Ahead**)

Contact: Joe March
(317) 224-9433

Email: jmarch54@att.net

VEC: ARRL/VEC

Location: Hamilton Cty Emer OPS Center
18100 Cumberland Road
Sherriff's Campus Training Room
Noblesville, IN 46060-1624

04/27/2021

Sponsor: Grant County ARC
Time: 5:00 PM (**No Walk-ins / Call Ahead**)

Contact: Mitch Miller
(765) 661-5893

Email: mitchmiller55@gmail.com

VEC: ARRL/VEC

Location: **To Be Announced**
Ask When You Schedule Your Test
Marion, IN 46952-9999

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





There is no hamfest within a 100 mile radius of Marion, IN taking place for the months of March or April.



Contesting



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

March 2021
DX Contest - SSB

Date: 06-07

April 2021
Rookie Roundup – SSB Date: 18

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>
03/11/21	Battleship Texas Birthday	https://www.qrz.com/db/kc5nx
03/13/21	USS Midway Museum Ship Special Event: Launching of USS Midway	www.qrz.com/ni6iw
03/14/21	PI Day – David Sarnoff Radio Club Princeton, NJ	n2re.org
03/20 to 03/21/21	Arrows from the Air	nq6s@att.net
03/20/21	Woronoko Heights Outdoor Adventure	
03/23 to 03/25/21	Honoring World War II Gunners at Buckingham Airfield	www.fmarc.net
04/01/21	Quebec Parks On The Air (QcPOTA)	qcpot.ca
04/10 to 04/11/21	The Annual Nancy Kott Memorial KN0WCW Event	fistna.org/operating/html
04/10 to 04/11/21	Celebration of the 155 th Anniversary of Auburn University	www.qrz.com/db/k4jop
04/10/21	Spring has Sprung	www.eventqsl.webs.com
04/10/21	USS Midway Museum Ship Special Event: Doolittle Raid	www.qrz.com/db/ni6iw
04/14 to 04/22/21	Maritime Radio Day 2021	mrd.sfk-bremen.com
04/17 to 04/07/21	Celebrating the Louisiana Purchase	https://www.qrz.com/db/W5L
04/17 to 04/19/21	Texas State Parks On the Air (TSPOTA)	www.tspota.org
04/18 to 04/19/21	World Amateur Radio Day	w2jld2@gmail.com

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>
04/24/21	156 th Anniversary of Sultana Disaster	https://ag5qy9.wixsite.com/ag5qy
04/24/21	OC&E Woods Line Last Train 31 st Anniversary	https://www.facebook.com/kfalls.radio
04/24to 04/25/21	San Jacinto Dat Special Event	https://w5nac.com
04/24/21	Woronoko Heights Outdoor Adventure	

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



Be sure to turn your clocks ahead at **2:00 AM** on Sunday
March 14th 2021



March 2021

Grant County Amateur Radio Club

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control K9NQW		Blackford's Cnty Amateur Radio Club Breakfast 8:30 am Richards, Hartford City
7	8	9	10	11	12	13
2 meter weekly net 8:30 PM Net Control KB9RAX	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control K9NQW		Monthly Breakfast Meeting 8:30AM Kammy's Kafe
14	15	16	17	18	19	20
2 meter weekly net 8:30 PM Net Control W9DDX	DMR Weekly Net 8 PM Net Control W9DDX			Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
21	22	23	24	25	26	27
2 meter weekly net 8:30 PM Net Control KC9QCJ	DMR Weekly Net 8 PM Net Control K9NQW	GCARC Meeting 6:30 PM Place to be Announced Later		Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
28	29	30	31			
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control K9NQW					

April 2021

Grant County Amateur Radio Club

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				Indiana D-Star Weekly Net 8 PM Net Control K9NQW		Blackford's Cnty Amateur Radio Club Breakfast 8:30 am Richards, Hartford City
4	5	6	7	8	9	10
2 meter weekly net 8:30 PM Net Control KB9RAX	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control K9NQW		Monthly Breakfast Meeting 8:30AM Kammy's Kafe
11	12	13	14	15	16	17
2 meter weekly net 8:30 PM Net Control W9DDX	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
18	19	20	21	22	23	24
2 meter weekly net 8:30 PM Net Control KC9QCJ	DMR Weekly Net 8 PM Net Control W9DDX			Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
25	26	27	28	29	30	
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control K9NQW	GCARC Meeting 6:30 PM Place to be Announced Later		Indiana D-Star Weekly Net 8 PM Net Control K9NQW		



Grant County Amateur Radio Club

Membership Application

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 Acting 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.

Normally meetings are held on the 4th Tuesday of each month at 6:30 pm at the Marion Public Library located at 600 South Washington Street, Marion, IN 46953. But because of COVID-19 the Library has suspended all activities until further notice.

Mailing Address:

Bob McFarland
1468 East Crane Pond Drive
Marion, IN 46953

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: \$20.00 per person.
- Family Annual Membership: Full membership + \$5.00 per person, maximum of \$30.00 per household
- Associate Membership: \$10.00 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.

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.

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 following deadlines.

For the July/August Newsletter – June 15th

For the September/October Newsletter – August 15th

For the November/December Newsletter – October 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



MFJ-989C Antenna Tuner
3KW MFJ-989C Versa Tuner V
Frequency Range: 1.8 to 30 Mhz
Cross-needle SWR/Power Meter
Has forward power ranges 200
To 2,000 watt. Back Panel Outputs:
2 Coaxial Cables, 1 wire or balanced
Line and 1 Dummy Load
Size: 10 ¾ x 4 ½ x 15 inches
Asking: \$125.00
Contact: Nick at k9nqw@yahoo.com



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