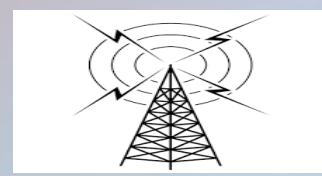


# OFF THE AIR



Please visit us online at [www.GrantARC.org](http://www.GrantARC.org)

The GCARC is an ARRL affiliated club

## “Off The Air”

is the official publication of the Grant County Amateur Radio Club

## 2022 Officers

- President – Mitch Miller - W9DDX  
 mitchmiller55@gmail.com
- Vice President – Scott Oyer - K6SJO  
 Soyer38301@gmail.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: Bob Burns - AK9R  
 Assistant Section Manager: Brian Jenks – W9BGJ  
 Affiliated Club Coordinator: Jimmy Merry Jr. - KC9RPX  
 Section Emergency Coordinator: James Moehring - KB9WWM  
 Assistant Section Emergency Coordinator: Tony Stokes - N9UN  
 State Government Liason – Dave Spoelstra - N9KT  
 Public Information Coordinator – Barry Palencer – KC9WMS  
 Section Youth Coordinator – Andrew Murray – N9AWM  
 Technical Special Coordinator – Thomas Busch – WB8WOR  
<http://www.inarrl.org>

## Section Jobs Description

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

## From the President

Hello everyone.  
Well we had another meeting. Things went well. The club decided to go ahead and purchase a new Dstar Repeater.

The checks from the North Central Indiana Hamfest are on their way to the clubs. Grant County Amateur Radio Club will be receiving \$673.49, so that's pretty good.

The club now has a new meeting place. We will start meeting at the EMA Building on Garthwaite Road in Gas City. I want to thank Ed Brown – N9GTL and Bob Jackson for their time on getting this set up. I can't wait until we can start doing things out there. If it becomes a permanent home we will be able to put up a tower, and do testing and give classes. If you have any ideas, let us know.

Thanks 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



## Notes from the Editor

The club had their first meeting at the EMA Building on Garthwaite Road in Gas City. The meeting place was well received by everyone that was present. We are in the process of working with EMA and Bob Jackson on making this a permanent home for the club. Things the club is working on in the future is getting a tower put up and a station setup that would include HF, 2 meter, 70cm stations. The club is also working on getting a mobile unit set up for emergencies that will be used in the event of a disaster in Grant County. If you are not a member of RACES or ARES for the county, please see me for an application We need more members to get involved.

I went down to Winchester on July 30<sup>th</sup> for the East Central Indiana Hamfest. I had equipment from several Silent Keys from the area that I was selling. This is the first year I had attended this hamfest and was very pleased with it. I was able to sell some of the items so it was a very profitable day. Tower Electronics from Greenbay, WI was the only commercial vendor there.

As most of you are aware, the July meeting for the club held at the EMA Building on Garthwaite Road, Gas City. We had a total of 15 members and guest at the meeting. The Club is hoping that this will be the permanent place for our meetings.

The FlyIn/CruiseIn will be taking place on September 3, 2022. The club this year again will be sponsoring a Special Event Station at the airport, We will be setting up on September 2, 2022. We will be working a couple of stations on HF, DMR, Dstar, and the local 2 meter repeater. So come out and do some operating. So make sure that you put this on your calendar. More details will follow as the time gets closer.

A big THANK YOU goes to Kevin McNeely - KB9CRA for his work on getting a new repeater for Dstar. Also a big THANK YOU goes to Rick Nicholson – N9UMJ for building the Dstar repeater for the club.

L. B. Nickerson - K9NQW  
Newsletter Editor

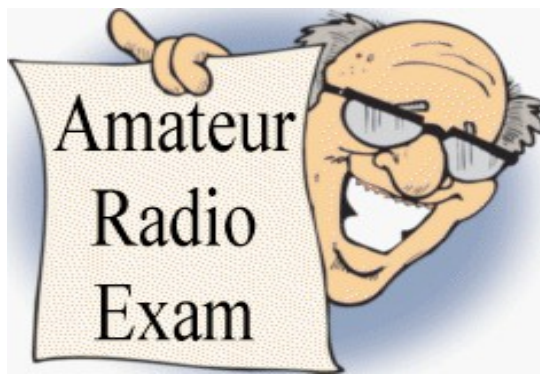


August 2022

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		
7	8	9	10	11	12	13
2 meter weekly net 8:30 PM Net Control KC9RAX	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 Monthly Siren Test 11:45 AM
14	15	16	17	18	19	20
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control K9NQW			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 K9NQW	DMR Weekly Net 8 PM Net Control K9NQW	Testing at 5:00 PM GCARC Meeting 6:30 PM EMA – 3921 S Garthwaite Rd, Gas City		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					

NOTE: Meeting place has been moved from 9<sup>th</sup> Street Cafe to the EMA Office at 3921 S Garthwaite Rd, Gas City, IN



**08/09/22**

**Sponsor:** Whitley County ARC  
**Time:** 8:00 PM (**No Walk-ins**)  
**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  
**Register or Call Ahead**

**08/13/2022**

**Sponsor:** Indianapolis RC  
**Time:** 12:00 PM (**No Walk-ins**)  
**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  
**Register or Call Ahead**

**08/13/2022**

**Sponsor:** ARRL  
**Time:** 9:00AM (**Walk-ins Allowed**)  
**Contact:** Michael D Elder  
(765) 570-0381  
**Email:** wj9e422yahoo.com  
**VEC:** ARRL/VEC  
**Location:** Rushville Public Library  
130 West 3<sup>rd</sup> Street  
Rushville, IN 46173-1846

**08/16/2022**

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

**08/22/2022**

**Sponsor:** Marshal 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 46501-9519

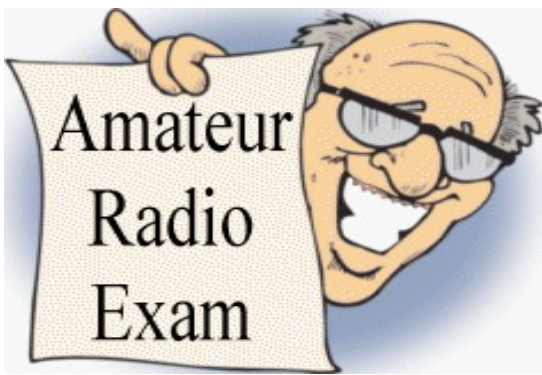
**08/22/22**

**Sponsor:** Whitley County ARC  
**Time:** 8:00 PM (**No Walk-ins**)  
**Contact:** Roger L McEntarfer  
(260) 503-9008  
**Email:** n9qcl@arrl.net  
**Location:** **On Line**  
717 E 400 N  
Columbia City, IN 46725-8612  
**Register or Call Ahead**



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





<p>A</p> <p>Reverse Polarity SMA Male</p> <p>MALE BODY FEMALE PIN</p>	<p>B</p> <p>SMA MALE</p> <p>MALE BODY MALE PIN</p>	<p>C</p> <p>SMA FEMALE</p> <p>FEMALE BODY FEMALE PIN</p>	<p>D</p> <p>Reverse Polarity TNC MALE</p> <p>MALE BODY FEMALE PIN</p>
<p>E</p> <p>TNC MALE</p> <p>MALE BODY MALE PIN</p>	<p>F</p> <p>N-FEMALE</p> <p>FEMALE BODY FEMALE PIN</p>	<p>G</p> <p>N-MALE</p> <p>MALE BODY MALE PIN</p>	<p>H</p> <p>FME FEMALE</p> <p>FEMALE BODY FEMALE PIN</p>
<p>I</p> <p>FME MALE</p> <p>MALE BODY FEMALE PIN</p>	<p>J</p> <p>MINI UHF MALE</p> <p>MALE BODY MALE PIN</p>	<p>K</p> <p>MINI UHF FEMALE</p> <p>FEMALE BODY FEMALE PIN</p>	<p>L</p> <p>REVERSE POLARITY SMA FEMALE</p> <p>FEMALE BODY MALE PIN</p>
<p>M</p> <p>N-FEMALE BULKHEAD</p> <p>FEMALE BODY FEMALE PIN</p>	<p>N</p> <p>RIGHT ANGLE Reverse Polarity SMA FEMALE</p> <p>FEMALE BODY MALE PIN</p>	<p>O</p> <p>RIGHT ANGLE SMA Male</p> <p>MALE BODY MALE PIN</p>	<p>P</p> <p>RIGHT ANGLE Reverse Polarity SMA Male</p> <p>MALE BODY FEMALE PIN</p>

**08/23/22**

**Sponsor:** Grant County ARC

**Time:** 5:00 PM (**No Walk-ins**)

**Contact:** Mitch Miller

(765) 661-5893

**Email:** mitchmiller55@gmail.com

**VEC:** ARRL/VEC

**Location:** EMA Building

3921 S Garthwaite Rd

Gas City, IN 46933

**Register or Call Ahead**

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





**IF \$ CAN'T BUY  
HAPPINESS,  
THEN EXPLAIN HAMFESTS**

## Elkhart East Hamfest

**Start Date:** 08/06/2022

**End Date:** 08/6/2022

**Location:** Northern Indiana Event Center  
21565 Executive Parkway  
Elkhart, IN 46514

**Website:** <http://elkharthamfest.com>

**Sponsor:** Northern Indiana K9DEW  
Repeater Network

**Type:** ARRL Hamfest

**Talk-IN:** 145.430 (PL141.3)

**Public Contact:** Dewey Thrash, K9DEW  
P O Box 772

Bristol, IN 46507

Phone: (574) 370-2436

**Email:** [elkharthamfest@gmail.com](mailto:elkharthamfest@gmail.com)

## Hendricks County Tailgate Fest

**Start Date:** 08/13/2022

**End Date:** 08/13/2022

**Location:** Avon United Methodist Church  
6550 E Hwy 36  
Avon, IN 46123

**Sponsor:** Ham Emergency Radio  
Operations

**Type:** ARRL Hamfest

**Talk-IN:** 147.015 MHz (PL 88.55)

**Public Contact:** Kenneth A Kayler,  
KC9SQD

3090 Clover Drive

Plainfield, IN 46168

Phone: (317) 874-7068

**Email:** [kc9sqd425@gmail.com](mailto:kc9sqd425@gmail.com)



**ARRL**  
The national association for  
AMATEUR RADIO





# Contesting



## August 2022

**Date:** 06-07  
20-21  
21

222 MHz and Up Distance Contest  
10GHz & Up – Round 1  
Rookie Roundup - RTTY

ARRL.org webpage

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>
07/29 to 08/21	Indiana State Fair	
08/04	US Coast Guard 232 Birthday	<a href="http://www.qrz.com/db/k1cg">www.qrz.com/db/k1cg</a>
08/06	50 <sup>th</sup> Anniversary Flat River Historical Society and Museum	<a href="mailto:Larry4lions@gmail.com">Larry4lions@gmail.com</a>
08/06	PASOLA 4 <sup>th</sup> Anniversary	<a href="http://www.pasola.org">www.pasola.org</a>
08/06	River City Days	<a href="http://hvamateurradioclub.com">hvamateurradioclub.com</a>
08/08 to 08/14	Navajo Code Talkers	<a href="mailto:n7hgster@gmail.com">n7hgster@gmail.com</a>
08/11 to 08/15	Ten Mile River Scout Camps 95 <sup>th</sup> Anniversary	<a href="http://www.qrz.com/db/W2TMB">http://www.qrz.com/db/W2TMB</a>
08/11 to 08/14	WW2FLY Honors the B-17 Royal Flush	<a href="http://www.qrz.com/db/WW2FLY">http://www.qrz.com/db/WW2FLY</a>

More info on these Special Events Stations go to: [http://www.arrl.org/special\\_events/](http://www.arrl.org/special_events/)



## *Special Event Stations*



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
08/12 to 08/14	Celebrating the 75 <sup>th</sup> Anniversary of The Tri-State Amateur Radio Society	<a href="http://www.w9og.net">www.w9og.net</a>
08/13	Friends of Bodie Day	
08/14	Medinah on the Air	
08/19 to 08/28	154 <sup>th</sup> Annual Marshfield Fair	<a href="http://www.wa1npo.org">www.wa1npo.org</a>
08/20 to 08/21	Activation of Burnt Coat Harbor Lighthouse/International Lighthouse/Lightship Weekend	<a href="http://www.burntcoatharborlight.com">www.burntcoatharborlight.com</a>
08/20 to 08/21	ILLW weekend	<a href="http://www.qrz.com/db/w5bmc">www.qrz.com/db/w5bmc</a>
08/26 to 09/05	Amateur Radio Software Award <a href="https://www.arsaward.com/special-event.html">https://www.arsaward.com/special-event.html</a>	
08/27 to 09/05	Buhl Day Celebration	<a href="http://www.w3lif.org">www.w3lif.org</a>
08/83	Flying High With Amateur Radio	<a href="http://www.n2mo.org">www.n2mo.org</a>
08/29 to	Hurricanes Katrina and Ida Commemoration	<a href="http://w5gad.org">w5gad.org</a>





Grant County Amateur Radio Club

Membership Application 2022

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 4<sup>th</sup> Tuesday of each month at 6:30 pm at The 9<sup>th</sup> Steet Cafe located at 1802 West 9th Street, Marion, IN. Cafe is located on the Northwest corner of West 9<sup>th</sup> Street and Geneva Avenue.

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: \$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 1<sup>st</sup> 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.

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



# 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:

**Example:** Ham radio gear and computer items.

2. Ads must be submitted by the 15<sup>th</sup> of the month for the following month.

**Example:** For the January Newsletter must be submitted by December 15<sup>th</sup>.

Items must include the following:

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

You can send your ad to [k9nqw@yahoo.net](mailto:k9nqw@yahoo.net)

## Yaesu vx-7r

Tri Band, 50/144/440 MHz

- I have original box
- Radio
- Battery
- Charging base and wall wart
- Speaker mic
- Programming cable for software that is available online
- Operating Manual

Everything works as it should

Ebay pricing ranges from \$299=\$330



Asking \$150

Ed – N9GTL 765-661-1067

# Ham Radio Trader

## CS-700

- Includes existing code plug for local area (Grant County, IN)
- Extra battery
- Speaker mic
- Programming cable
- Charger base with wall wart

Software is available from [connectsystems.com](http://connectsystems.com)

Works as it should



Asking \$85

Ed – N9GTL 765-661-1067

Amateur Radio Equipment For Sale  
 Mike Kasrich – AJ9C  
 aj9c@indy.rr.com

The following equipment is up for sale. Will accept PayPal, cash, MO, or personal check. Shipping is available for additional cost. For more information On any of the listed items please email me aj9c@indy.rr.com. Prices are listed below the pictures.



Remote Antenna Tuner



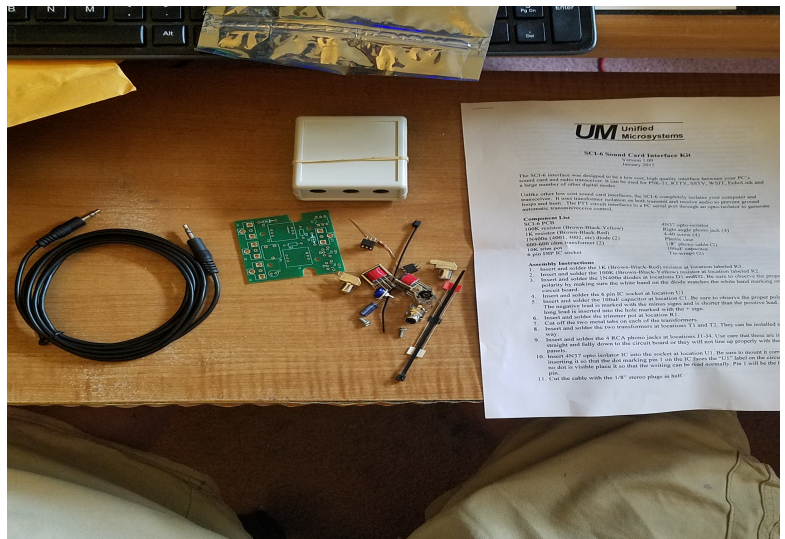
Remote Antenna Tuner – Picture #2

I purchased this to make a remote antenna tuner. There is a vacuum variable capacitor with the Motor. And a ribbon inductor with the motor.  
**Asking Price: \$125.00**



Alliance HD-73 Rotor with Control Box

**Asking Price: \$200.00**  
**Shipping Extra**



SCI-6 Sound Card Interface Kit  
 Interface kit to use with your radio to get on FT8, PSK31, Rtty, WSJT

**Asking Price: \$15.00**

If Interested in any of the above items please email me at aj9c@indy.rr.com



Amateur Radio Equipment For Sale  
Mike Kasrich – AJ9C  
aj9c@indy.rr.com

### **Pelican Case 1550**

**Interior: (LxWxD) 18.6" x 14.2" x 7.7"**

**Exterior: (LxWxD) 20.66" x 17.20" x 8.40"**

- 2 level Pick N Pluck™ with convoluted lid form
- Watertight, crushproof, and dustproof
- Open cell core with solid wall design – strong, light weight
- Comfortable rubber over-molded handle
- Easy open Double Throw latches
- Stainless steel hardware and padlock protectors



**Asking Price: \$50.00**

**If Interested in any of the above items please email me at [aj9c@indy.rr.com](mailto:aj9c@indy.rr.com)**

## Alinco DJ-580T Handheld Transceiver with drop-in charger and extra battery

The Alinco DJ-580T is a powerful 2 meter / 70 cm twinband HT with great sound. You get Features galore including 40 memories, three RF power levels, full duplex and dual watch, Independent VHF/UHF controls, sophisticated scanning and illuminated keypad. Transmit coverage is: 144-147.995 and 440-449.995 MHz. Receive coverage is: 130-173.99 and 400-519.995 MHz. Frequency resolution is 5, 10, 12.5, 20 and 25 kHz. High power output with the supplied EBP-20N is 2.0 watts and 1.5 watts UHF. Medium power is 1 watt and low power is 0.3 watts. High power output is 5 watts VHF and UHF. Comes with extra battery and drop-in charger.



**Asking Price: \$90.00**

Contact Nick – K9NQW at [k9nqw@yahoo.com](mailto:k9nqw@yahoo.com)  
or  
[grantcountyamateurradioclub@gmail.com](mailto:grantcountyamateurradioclub@gmail.com)



## Diamond NR72B Dual Band Antenna

The Diamond NR72BNMO is a 2 meter and 440 MHz (70cm) mobile antenna. It is a  $\frac{1}{4}$  wave on 2 meters providing 2.15 dBi gain and a  $\frac{1}{2}$  wave on 440 providing 2.15 dBi gain. This Antenna can handle up to 100 watts.

- VSWR is less than 1.5:1
- Side mount only, will not work on center vehicle mounting.
- Grounding required
- Well built, looks a bit like a cellular antenna

Remarks: Not recommended for use with magnet mount.



**Asking Price: \$75.00**

Contact Nick – K9NQW at [k9nqw@yahoo.com](mailto:k9nqw@yahoo.com)  
or  
[grantcountyamateurradioclub@gmail.com](mailto:grantcountyamateurradioclub@gmail.com)