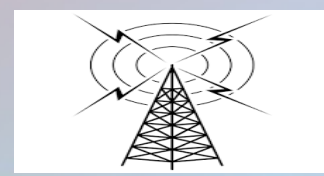


OFF THE AIR



Please visit us online at www.Grantarc.net

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
k9nqw1979@gmail.com

Treasurer – Bob McFarland - AD9AW
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Newsletter Editor

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

<http://www.grantarc.net>

Member – Indiana Radio Club Council

ARRL Indiana Section Staff:

Section Manager: Bob Burns - AK9R

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/>

From the President

Hello everyone.

Well we had another meeting this month. We had 3 people test which was a good thing. We are also gonna try to give a Technician Class. So far we have got a few for that new adventure.

We had our first Hamfest committee meeting on January 28th and things went pretty well. I am excited about the hamfest. We are going to need volunteers for the day of the hamfest so if you are interested, please get ahold of me and we will see what we can do. We sure need your help.

Looks like we are ending the month of January with cold weather so everybody stay warm.

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



NOTES FROM THE EDITOR

The club now has a new webpage. Check it out at Grantarc.net. Let us know what you think.

We are constantly looking for members to join RACES. This is a way for you as a ham operator to give back to the community. If something should happen to the infrastructure of Grant County (cell phone has no service, no electrical power) we as ham radio operators would be called to help thru the County's EMA office to assist in communications. The process of joining is real simple. Just email me and I can send you an application. Then after you fill it out you can send it to me via email then I will get the application turned in. This process takes about a month. My email address is k9nqw1979@gmail.com

Spring is just around the corner and that means that we have the potential for severe weather here in Grant County. Now is the time to get your go-kit together. So in the pages below you will find a list of items that you should have in your go-kit. Understand that these go-kits are assembled to your individual needs. The items listed are just suggestion on what to put in your go-kits.

The club is looking for ways to get the word out about the Grant County Amateur Radio Club. Besides getting a Public Service Announcement on the local radio and in the local Newspapers, we are open for suggestions. Any ideas you may have would be greatly appreciated.

The last thing I want to touch on is – this is your newsletter. If there is an item or article that you think might be of interest to other hams please submit it to by email. My email is k9nqw1979@gmail.com. I will be willing to look the article over and see what I can do to get that article in the newsletter.

L. B. Nickerson - K9NQW
Editor



ARES GO-KIT Suggestions

Depending on the type of response that you plan to be able to provide, there are several configurations for your go kits. A Go-Kit configuration that would probably be used in this area for a typical deployment (based on historical precedent) is outlined here.

There are two types of Go-Kits that every ARES member should endeavor to have ready. These are the 24 hour kit and the 72 hour kit. The 24 hour kit purpose is to provide the necessary operational equipment, working aids, and comfort items necessary to facilitate 24 hour operation. The 72 hour kit will have items in it that would be needed for an extended deployment in the case of a major disaster. This kit and the 24 hour kit are designed to augment each other.

The following list of items is suggestions for the two types of Go-Kits. Depending on your Individual needs you would assemble your individual kits accordingly.

24 Hour Kit

- | | |
|--|---------------------------|
| Snack items and/or food bars | First aid Kit |
| Sanitary items | Toilet paper |
| Hand wipes | Purell Hand Sanitizer |
| Toothbrush | Toothpaste |
| Mouthwash | Deodorant |
| Soap | Comb |
| Medications | Flashlight(s) |
| Batteries | Raingear |
| Portable AM/FM Radio | Notepad or legal pad(s) |
| ARRL radiogram sheets | Writing instruments |
| ARES resource manual | Money – Paper and coin |
| Headset or earpiece for radio(s) | Sunscreen |
| Insect repellent | Hat |
| ARES ID / copy of license | Callout list |
| Personal contact list | Local area frequency plan |
| Equipment manuals or cheat sheet | |
| Multipurpose tool (Leatherman or Gerber) | FRS or FRS/GMRS radios |



72 Hour Kit

Change of Clothes

Pants

Socks

MRE's

Travel Pillow

Plastic trash bags (for wet clothes)

Lantern

One or two man tent

Shirts

Underwear

Storable food

Food bars (EX, MetRX)

Sleeping bag and ground mat

Medications

Folding chair

Tarp

Emergency Readiness Checklist

Below is a suggested list for things to take in the car when being deployed to remote Sites to provide ham radio emergency communications.

Go-Kit – see above for contents.

Make sure this includes radios (HT's and mobile rigs, ladder-line J-Poles, connectors and adapters for power and antennas, connecting wires for power), instruction manuals for radios, printouts of critical ARES info like call-out list and frequency/repeater list, radiograms, paper and pens, flashlight and extra batteries.

Water jug(s) (suggested 1 gallon of water per 24 hour period)

Coffee (may want inverter and coffee maker/ filters/ground coffee)

Tool kit

Bible

Sleeping bag or blanket

Towels

Clothes

Toiletries

Canned food

umbrella

Astron Power Supply (or equivalent) and DC Power Strip (in case site has power)

Deep Cycle marine battery (in case power is out at site)

Trickle charger

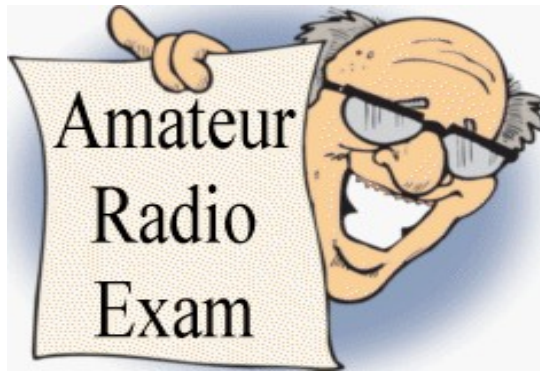
6-foot PVC pipe for use as J-pole antenna support

Duct tape

electrical tape

Information taken from the Guilford County, Greensboro, NC ARES website.





02/06/23

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

02/13/2023

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Argos, IN 46501-9519

02/11/2023

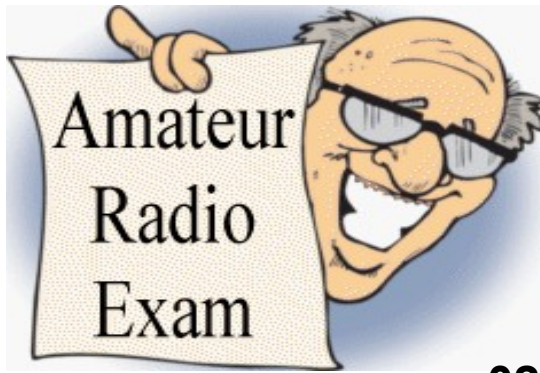
Sponsor: Indianapolis Radio Club
Time: 12:00 PM (**No Walk-ins / Register
or Call Ahead**)
Contact: James K. Rinehart
(317) 721-1458
VEC: ARRL/VEC
Location: Salvation Army EDS Training
Facility
4020 Georgetown Road
Indianapolis, IN 46254-2407

02/20/2023

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Argos, IN 46501-9519

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





02/21/2023

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
200 Delaware Street
Anderson, IN 46016-2238

02/27/20323

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 46501-9519

02/28/2023

Sponsor: Grant County ARC

Time: 5:00 PM (**No Walk-ins / Register
or Call Ahead**)

Contact: Mitch Miller
(765) 661-5893

Email: mitchmiller55@gmail.com

VEC: ARRL/VEC

Location: EMA Building
3921 S Garthwaite Road
Gas City, IN 46933

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





Hendricks County Hamfest

Start Date: 02/11/2023

End Date: 02/11/2023

Location: Hendricks County 4H
Fairgrounds & Conf. Center
1900 E Main Street,
Danville, IN 46122

Website: <http://n9hc.org>

Sponsor: Hendricks County Amateur
Radio Society

Type: ARRL Hamfest

Talk-IN: 147.015 (PL 88.5 Hz)

Public Contact: Bill Pfaffenberger, AE9R
388 Pinedale Drive
Avon, IN 46123

Phone: (317)407-1988

La Porte County ARC Hamfest

Start Date: 02/25/2022

End Date: 02/25/2023

Location: La Porte Civic Auditorium
1001 Ridge Street
La Porte, IN 46.50

Website: <http://lpcarc.org>

Sponsor: La Porte County ARC

Type: ARRL Hamfest

Talk-in: 146.970 (PL 131.8)

Public Contact: Brian Salzer, KB9HMR
P O Box 115

La Porte, IN 46352

Phone: (219) 851-2133

Email: Cabinfeverhamfest@gmail.com



THERE I WATCHED HELPLESSLY AS AN EVIL DUPLICATE OF MYSELF FROM A PARALLEL UNIVERSE TOOK MY PLACE ON EARTH, AND...





Contesting



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

February 2023

School Club Roundup Date: 13-78

DX Contest – CW Date: 18-19

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>
02/01 to 02/28/23	JYI Memorial Special Event	https://arabqrz.com/jy
02/11 to 02/13/23	1 st Ever Olivia Digital Mode Weekend QSO Party, Valentine's Day	

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

Check out the Grant County Amateur Radio Club's
new website at: Grantarc.net

Technician Classes begin on February 7, 2023
at the EMA Building, Gas City, IN at 6:30 pm

February 2023

March 2023

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1	2 Indiana DStar Weekly Net 8 PM Net Control: K9NQW	3	4
5 GCARC 2 Meter weekly Net 8:30 PM Net Control KC9RAX	6 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	7	8	9 Indiana DStar Weekly Net 8 PM Net Control: K9NQW	10	11 Monthly Breakfast Meeting 8:30 AM Kammy's Cafe Monthly Siren Test 11:45 AM
12 Super Bowl Sunday GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	13 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	14 Valentine's Day	15	16 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	17	18
19 GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	20 Washington's Birthday (Presidents' Day) Crossroads DMR Weekly Net 8 PM Net Control K9NQW	21	22 Ash Wednesday	23 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	24	25
26 GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	27 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	28 Testing at 5:00 PM GCARC Meeting 6:30 PM EMA Center Garthwaite Road	1	2	3	4

© Calendar-12.com

NOTE: Technician Classes will begin on February 7th from 6:30 to 9:30 PM
Location: EMA Building 3921 S Garthwaite Rd, Gas City, IN 46933

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 Newsletter – June 15th

For the September Newsletter – August 15th

For the November 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

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 at aj9c@indy.rr.com. Prices are listed below the pictures.



INRAD 2.1 kHz filter for R4C
Asking Price: \$75.00



Alliance HD-73 Rotor with Control Box
Asking Price: \$150.00
Shipping Extra



Remote Antenna Tuner

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



Remote Antenna Tuner Picture 2

Note: Reasonable offers entertained. Shipping/Insurance extra Delivery within an hour or so from Marion, IN

If interested in any of the above items please email me at 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: 130-173.995 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

or

grantcountyamateurradioclub@gmail.com

Amateur Radio Equipment For Sale
Scott Oyer - K6SJO
k6sjo@protonmail.com

The following equipment is up for sale. Will accept Cash, or personal check (check will have to clear first unless I know them). Shipping is available for additional cost. For more information on any of the listed items please email me at k6sjo@protonmail.com or text 217-504-1886. Prices are listed below the pictures.



Yaesu FT-1000MP Mark V



Yaesu AC Power Supply FP-29

FT-1000MP Mark V Specifications

- RX Frequency Range: 100 kHz – 30 Mhz
- TX Frequency Range: 160 – 10 m (Amateur bands only)
- Emission Modes: LSB, USB, CW, FSK, AFSK, AM, FM
- Frequency Steps: 0.625/1.25/2.5/5/10 Hz for SSB, CW, RTTY & Packet
- 100 Hz for AM and FM
- Supply Voltage: 30 VDC and 13.8 VDC (FP-29)
- Dimensions (WHD): 16"x5.3"x13.7"
- Weight (approx.): 31 lbs

FP-29 AC Power Supply

- DC Output Voltage: +30 V, +13.8 V
- Input Voltage: AC 100–120V, 50 – 60 Hz / AC 200-240V, 50 – 60 Hz
- Current Consumption (Approx.): AC 100-120V: 9 A / AC 200-240V: 5A
- Case Size (WxHxD): 4.2 x 5.3 x 13 inch / Weight (Approx.) 7 lbs
- Supplied Accessory: DC Power Cable T9022299 (length: 2 meters) / AC Power Cable

Asking Price: \$900.00 for both pieces

If interested in the above item please email me at k6sjo@protonmail.com or text 217-504-1886