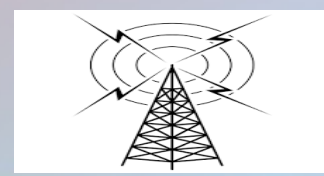


OFF THE AIR



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

2023 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: 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/>

From the President

Hello Everyone,
Well another month is gone.

We're doing pretty good on our Tech class. We have 5 people participating. We are about halfway through and things are looking good.

We have the North Central Indiana Hamfest coming up on April 29th. So if you could help, in any way, on either the 28th (setup) or the 29th we would appreciate it.

Looks like Spring is gonna be early this year, hope it gets warmer.

Just wanted to thank Bobby Jackson for letting us use the EMA Building on Garthwaite Road for our classes and meetings.

I had surgery last Friday on my hernia, everything is going great and I am feeling good.

Everybody take care and stay radio active.

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



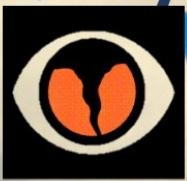
From the Editor

With spring just around the corner, the National Weather Service is giving their Skywarn classes this month. See the information below on time and dates. Also make sure that your handhelds are programmed and charged, in case severe weather does hit Grant County.

The Tech classes are going well. We have 5 students in our first class. The course is an 8 week course with Mitch Miller – W9DDX, Bob McFarland – AD9AW, Gregg Bellinger – N9MNX, and myself K9NQW conducting the classes. The Students will be testing on March 28th. Our next class will begin on May 2nd.

The last bit of news is that the club now has 2 QR Codes. These Codes will be used on our class flyers and our club flyers.

Skywarn® Spotter Training



SKYWARN



- ~ Limited In Person trainings have returned
- ~ Virtual options also available (Computer and Internet required)
- ~ Training lasts around 2 hours.
- ~ Only need to attend 1 session to receive credit
- ~ Registration and other details at https://www.weather.gov/iwx/Spotter_Event_List



Location	Date	Time
Virtual	3/1/2023	6:00 PM
Dowagiac, MI (Cass County)	3/6/2023	6:00 PM
Virtual	3/10/2023	11:00 AM
Wabash, IN (Wabash County)	3/15/2023	6:30 PM
Paulding, OH (Paulding County)	3/20/2023	6:00 PM
Virtual	3/25/2023	1:00 PM
Albion, IN (Noble County)	3/28/2023	6:00 PM

Weather-Ready Nation

National Oceanic and Atmospheric Administration

ARRL News

ARRL Welcomes Kevin Beal, K8EAL, as the Director of Development
02/23/2023

Kevin Beal, K8EAL, has joined ARRL staff as the Director of Development. He has a significant background in nonprofit administration, and for the last 17 years, has managed large-scale projects and teams. His previous experience includes various roles supporting organizations and higher education institutions with program management, events, alumni engagement, and fundraising.

Beal has also worked on cybersecurity infrastructure training projects supported by the Federal Emergency Management Association (FEMA) and feels that amateur radio has significant value as an emergency communications tool.

With a father who was an electronics engineer during Vietnam in the US Army Signal Corps, Beal has been surrounded by radio his whole life. "I grew up in a household of spare electronics and communications equipment where at-home repair and soldering were commonplace," he said. He's excited to grow as a licensed ham and was thrilled to make a contact from the Hiram Percy Maxim Memorial Station as W1AW.

He joins ARRL after a career at his alma mater, Norwich University, from which he earned a bachelor's degree and a master's degree in international conflict management and resolution. As a cadet at Norwich University, he participated in the Naval and Marine Reserve Officers' Training Corps (NROTC) as a part of the cadre training new cadets, and he was a member of the Cavalry Troop.

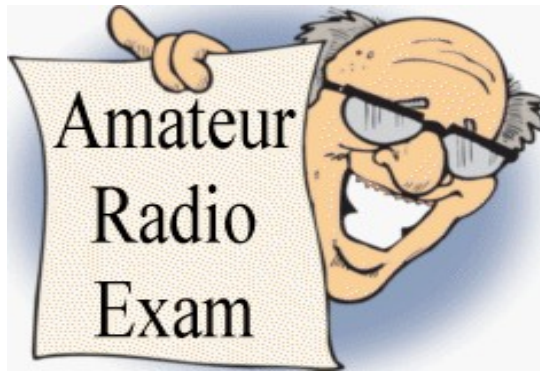
Beal looks forward to getting to know ARRL donors. He and his wife live in Connecticut near ARRL Headquarters with their two daughters and their rescued hound. On most weekends during the winter, he can be found on the road taking his oldest daughter to her next hockey game.

March 2023

April 2023

Su	Mo	Tu	We	Th	Fr	Sa
		28	29	30	31	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						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	1	2 GCARC Meeting 6:30 PM EMA Building Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	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 Tech Classes EMA Building 6:30 PM - 9:30 PM	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 Daylight Saving Starts GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	13 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	14 Tech Classes EMA Building 6:30 PM - 9:30 PM	15	16 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	17 Saint Patrick's Day	18
19 GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	20 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	21 Tech Classes EMA Building 6:30 PM - 9:30 PM	22	23 Indiana DStar Weekly Net 8 PM Net Control: K9NQW	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 Building Tech Classes Testing - 5:00 PM	29	30 Indiana DStar Weekly Net 8 PM Net Control: K9NQW	31	1 April Fool's Day



03/04/23

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

03/06/2023

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
Columbia City, IN 46725-8612

03/13/2023

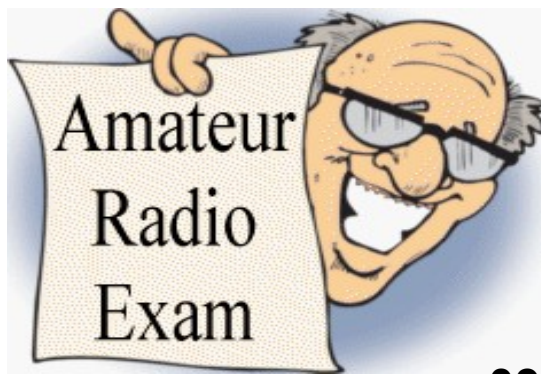
Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

03/18/2023

Sponsor: Hancock County ARC
Time: 9:00 AM (**Walk-ins Allowed**)
Contact: David Kelser
(317) 440-8486
Email: kc9urp@hrte.net
VEC: ARRL/VEC
Location: Hancock EMA EOC
640 South Franklin St
Greenfield, IN 46140-9654

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





03/20/2023

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**
Virtual
Columbia City, IN 46725-8612

03/21/2023

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 St
Anderson, IN 46016-2238

03/27/2023

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

03/27/2023

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**
Virtual
Columbia City, IN 46725-8612

03/28/2023

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: EMA Building
3921 Garthwaite Rd
Gas City, IN 46933

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**

**Wabash Valley Amateur
Radio Association, Inc.**

Start Date: 03/11/2023

End Date: 03/11/20223

Location: Clay County 4-H Fairgrounds
6550 North State Road 59
Brazil, IN 47834

Website: <http://w9uuu.org>

Sponsor: Wabash Valley Amateur
Radio Association, Inc

Type: ARRL Hamfest

Talk-IN: 146.685 (PL 151.4 Hz)

Public Contact: Chuck Procarione, W9COD
444 st 4th st

Clinton, IN 47842

Phone: 812-239-8061

Email: hamfest@w9uuu.org



Do Not Forget
Sunday
March 12, 2022

Daylight Savings Time Begin

Set your clocks ahead
before you go to bed
Saturday Night



Contesting

g



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

March 2023
International DX - Phone Date: 04-05

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

Date	Name of Special Event	Stations	Webpage
02/17 to 03/05	550 th Anniversary of the Birth of Nicolaus Copernicus (1473-2023)		https://550mk.pzk.org.pl
03/06 to 03/12	100 Years of WWV Time and Frequency Broadcast		wwvarc.org
03/11	Commemorating the launching of the USS Midway March of 1945		www.qrz.com/db/ni6iw
03/14 to 03/16	Commemorating Buckingham Air Field/ Lee County Mosquito Control		WWW.FMARC.NET
03/14	PI Day – David Sarnoff Radio Club Princeton, NJ		n2re.org
03/15	Celebrating 104 th Birthday American Legion		
03/15 to 03/21	VOTA		fix_broke_airplanes@hotmail.com
03/18	Cherry Blossom Special Event Station		https://maconamateurradioclub.wordpress.com
03/18 to 03/19	Nebraska Sandhill Crane Spring Migration		senebrradioclub@gmail.com
03/18	Walk for Water Charleston 2023		km4sw_614@yahoo.com
03/18	Western Mass Council Scouts BSA WHOA weekend		

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

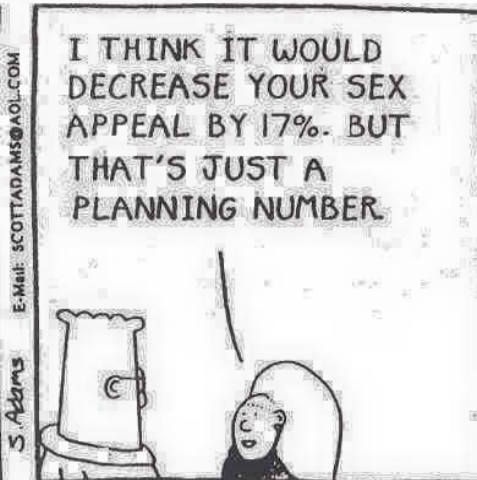
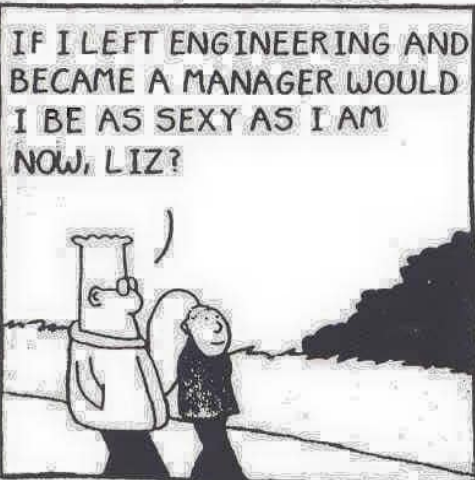


Special Event Stations



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
03/19	59 th Anniversary of Green Valley, Arizona	
03/19	Kentucky Bourbon Trail	bluegrassars.org
03/20 to 03/23	FMCA-ARC Spring Rally/POTA	www.fmcaarc.com
03/25	Battle of Horseshoe Bend 209 th Anniversary Commemoration	www.facebook.com/k4ywe
03/29	National Vietnam Veterans Day	www.qrz.com/db/n3tal
03/29	Vietnam Veterans Day	www.qrz.com/db/w5kid
03/31 to 04/03	165 th Annual Tater Day Festival - Yam It Up!	www.facebook.com/groups/861223149291904

DILBERT® by Scott Adams



1/19/95

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Grant County Amateur Radio Club

Membership Application 2023

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 EMA Office located at 3921 South Garthwaite Road, Gas City, IN. Directions: From Gas City: Take Main Street to 10th Street, Go North about 3 miles. Located on east side by the County Highway Dept. From Marion: Take 38th Street East to Garthwaite Road, Turn right. Go South about 2 miles. Located on east side by the County Highway Dept.

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 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.

NOTE: Please fill out a separate 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

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

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)
- Dimenstions (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 Accesory: DC Power Cable T9022299 (lenght: 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

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