



# ARRL - Indiana Section

## October 2020 Newsletter

### What is in this issue?

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**"To promote and advance the art, science, and enjoyment of  
amateur radio." ~ Hiram Percy Maxim**

Remembering friends that we will miss



**David Keiser, WB9UNL – Columbia City**

For silent key notice to be placed in the newsletter, please forward a copy of the obituary notice directly to Jimmy Merry, Indiana Section Manager at [jmerry@arrl.org](mailto:jmerry@arrl.org). For Silent Key notice inclusion in QST, INARRL will submit the Silent Key notice to ARRL headquarters so there is a record of the submission, for record keeping purposes. National Silent Key Archive <http://www.silentkeyhq.com/>



Thoughts and prayers for their family and loved ones.



## Indiana Field Services Appointments Resignations & Cancellations

### New Appointments:

Joseph Cirone, W1SPY – District 1 District Emergency Coordinator

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### Resignations and Cancellations:

Chad Wilson, W1KMZ – Newton Co Emergency Coordinator

### Find Indiana ARRL on the web:

[www.inarrrl.org](http://www.inarrrl.org) \* Facebook: ARRL – Indiana Section

### Discover all you can do with your amateur radio license in *On the Air* magazine!

*On the Air* magazine is the newest ARRL member benefit to help new licensees and beginner-to-intermediate radio communicators navigate the world of amateur radio. Delivered six times a year, the magazine will present articles, how-to's, and tips for selecting equipment, building projects, getting involved in emergency communication as well as spotlighting the experiences of people using radio to serve their communities, and those using it for enjoyment.

Whether you just passed your Technician exam or have been licensed for years but never got around to making contacts or starting a project, *On the Air* can help you take your interest in radio to the next level with clear, useful information. For information: <http://www.arrl.org/on-the-air-magazine>

### Meet the Indiana ARRL State Section staff:

Jimmy Merry, KC9RPX, Section Manager & Affiliated Club Coordinator

Brian Jenks, W9BGJ, Asst. Section Manager & Section Traffic Manager

Thomas Busch, WB8WOR, Technical Coordinator

Jim Moehring, KB9WWM, Section Emergency Coordinator

Barry Palencer, KC9WMS, Public Information Coordinator

Andrew Murray, N9AWM, Section Youth Coordinator

Dave Spoelstra, N9KT State Government Liaison

# The Section Manager's Desk

Greetings,

Hope everyone is doing well and staying as safe as possible with the current issues of Covid-19. It is hard to believe it is almost the end of October already.

There are two hamfests left on the schedule:

November 7 is the Hoosier Hills Ham Club Hamfest, just South of Bedford, IN at the Lawrence County Fairgrounds on US 50 W.

November 28 is the Turkey Fest hosted by the Wabash Valley Amateur Radio Association at the Clay County Fairgrounds on Hwy 59 in Brazil, IN.

Unfortunately, the Central Division Convention that would have been held the weekend of November 14 and 15 at Ft Wayne has been canceled due to the Covid-19 pandemic.

I want to remind everyone to stay within the current state and federal guidelines and practice social distancing, so that we all stay safe and healthy when attending these events. Hope to that we can resume events such as hamfests, meetings, etc. as normal in 2021.

73,  
Jimmy Merry  
IN SM



## Section Emergency Coordinator Report

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Good Afternoon,

I hope that all is well with each and every one.

The COVID issues are ramping up again just as many of us are returning to in person meetings and activities. Please be safe and practice good social distancing practices!

I received the following email from Robert Littler, W9DSR, SEC from the IL Section:

*The Illinois ARES HF net is held on the first and third Sunday of each month on 3905 kHz at 1630 CDT local. In addition to calling our IL ARES districts, we will be calling for out of state check-ins throughout the duration of the net.*

*We'd like to explore more interstate ARES opportunities on HF as we glacierly approach the end of this sunspot cycle. Thoughts and comments are more than welcome.*

*Please let the folks in your Sections know about our net on the first and third Sunday at 16:30L and I hope to hear from you soon.*

73

*Robert W9DSR  
ILARES SEC*

Please take a moment and give them a check in from Indiana.

Indiana WINLINK Wednesday sessions continue. WINLINK is being accepted as a standard for digital EMCOMM. I would thank Mark, KC9TYA for his efforts in support of Indiana WINLINK Wednesday. In addition, there are more Winlink Gateways coming online in Indiana. I would urge each of you to become familiar with WINLINK. There are several videos available regarding WINLINK Basics. These can be found on the homepage at WINLINK.ORG.

**Stay Safe and Well!**

**Jim Moehring, KB9WWM**  
Section Emergency Coordinator  
Amateur Radio Emergency Service  
Indiana Section  
Cell Phone: (260) 452-8559  
Home Phone; (260) 201-1441  
email: KB9WWM@arrl.net  
KB9WWM@winlink.org

\*\*\*\*\***ARES VOLUNTEERS NEEDED**\*\*\*\*\*

**Current Open District Emergency Coordinator Positions:** District 4, District 9 and District 10.

If you are a current EC in one of these districts, or have past experience in the ARES field organization, please consider stepping up to serve your community with your hobby.

**Current Open Emergency Coordinator Positions:** Adams, Benton, Blackford, Carroll, Clinton, Crawford, Dubois, Elkhart, Fayette, Floyd, Fountain, Franklin, Fulton, Gibson, Greene, Huntington, Jackson, Jasper, Jefferson, Knox, LaGrange, Lawrence, Marshall, Martin, Noble, Ohio, Owen, Perry, Pike, Porter, Posey, Pulaski, Ripley, Rush, Shelby, Sullivan, Union, Wabash, Warren, Washington and White.

**EC's are the backbone of the ARES organization. I would like to fill as many of these county openings, as possible. If you are interested in filling a vacant County EC Position, please contact me at [KB9WWM@arrl.net](mailto:KB9WWM@arrl.net) to express your interest.**

### **District Emergency Coordinators Reporting (6/7)**

Joe Cirone, W1SPY (District 1)

Lyle Long, N1LL (District 2)

Jim Moehring, KB9WWM, (District 3)

Marv Gilliland, KC9RVL, (District 6)

David Ofansky, K9DWO, (District 7)

Alan Scott, N9KL, (District 8)

### **Emergency Coordinators Reporting (32/50)**

KB9WWM, K9JAJ, W99DBA, KV9N, KB9OIC

W9EEU, K9PLG, N9JFH, KC9RVL, N9GTL

KD9GHS, N(CWW, KD9DHJ, K4BXX, N9SIU

KD9EDR, KC9GFO, W9GNR, W9SOX, WD9GIU

KC9EVU, N9JPX, KB9RZK, WR9G, W9DRB

KC9GUY, KP4CI, N9QVQ, W9COD, K9DWO

KB9ML, AB9HP

### **District Emergency Coordinators Reports**

**Joe Cirone – W1SPY – District 1**

Appointed EC for Lake County on 28 AUG 20. Appointed DEC on 24 SEP 20. Began planning and recruiting efforts in Lake and Jasper Counties. Identified one potential EC for Jasper County. Attended Club meetings in Newton and Lake Counties. Attended Lake County Sheriff's Office Search and Rescue Drill in Newton County. Held first ARES meeting in Lake County and appointed three AECs. Accepted resignation of Newton County EC. Participated in ARES and NTS voice and digital Nets in IN, OH and MI to ensure interoperability, as well as the U.S. DHS HF SHARES voice/digital Nets. And, the Maritime Net during Hurricane Laura and Sally. Spent 43.5 hours on the Nets above, 4 hours handling voice and digital traffic, 34 hours training, 15 hours doing Admin work (planning, email, etc.), 6 hours at meetings, 6 hours at an exercise for a total of 108.05 Hours combined (Average of 3.6 hrs/day). A Lake County AEC and I will attend a GMRS Club event on 3 OCT 20 to begin establishing relations and recruit new ARES members.

### **Marv Gilliland – KC9RVL – District 6**

I am still looking for an EC for the following counties in District 6: Blackford, Fayette, Rush and Union. If you are interested in a position, please contact me at [KC9RVL@ARRL.net](mailto:KC9RVL@ARRL.net)

### **Emergency Coordinator Reports**

#### **Jim Moehring – KB9WWM – Allen Co.**

The current COVID response continues to limit our activities in respect to Community Service activities. Our weekly VHF net remains active.

#### **Jeff Jones – K9JAJ – Bartholomew Co.**

Thanks to all the BC ARES members who participated this month. Everyone have a great October!

#### **Scott Nelson – W9DBA – Brown Co.**

During September there were 4 scheduled ARES nets conducted on the Brown County KA9SWI 2-meter repeater 147.300 MHz PL 136.5 with 39 check-ins lasting 57 minutes providing operators an opportunity to test the capabilities of their equipment and practice net protocol.

#### **Dan McDonald – KV9N – Cass Co.**

All activity from weekly net - 4 events, 47 check-ins, a total of 110 minutes.

#### **JW (Wes) Temple – KB9OIC – Clark Co.**

Clark County is preparing an event to demonstrate Winlink to other hams. This will be an outdoor event if possible with COVID restrictions. We will be asking RSVP to be in compliance with COVID restrictions.

### **Gary Adams – W9EEU – Clay Co.**

Our monthly meeting was cancelled for September. Our October meeting will include training on using forms in Winlink.

### **Marv Gilliland – KC9RVL – Delaware Co.**

Muncie Area ARC (MAARC) held their monthly meeting via radio. They usually meet at a Public Library, which has not allowed meetings. Another venue has been secured so that the October meeting should be in-person.

EmComm ECI ARC held their monthly meeting in-person at the regular Yorktown Fire Dept location, as has been for the past couple months.

MAARC and EmComm ECI both had 4 regular Nets.

### **George Boaz – KD9GHA - Hancock Co.**

On September 4th, we assisted the Emergency Management Agency with observing outdoor sirens during a test.

On September 10th, we held our monthly meeting of the Auxiliary Communications Group.

On September 11th, we assisted the Emergency Management Agency again with observing outdoor sirens during a test.

On September 15th, we conducted an exercise after our weekly net to simulate a repeater failure. We conducted a separate net, from the EOC, on our primary simplex frequency. We had 22 stations acknowledge the roll call, some from several counties away.

On September 25th, several members of our group acted as ground support for the tower crew replacing two repeater antennas.

On September 28th, Jeff K9HCA and I met with the Director of Emergency Management and received instructions on how to use the new siren control console to monitor and troubleshoot the system. Going forward, our group will be the primary source of reporting defects to the EMA.

During our weekly net on the 29th, we asked several operators outside of Hancock County to check in and give their location. This was a test of the new repeater antenna. We had several stations between 30 and 40 miles from the antenna.

## **Clark Whitehouse – N9CWW – Harrison Co.**

During Sept. there were 4 scheduled Ares nets, conducted on Sunday nights at 8:30 pm on 146.820 PL 103.5 and negative offset of .600. We had 34 check ins and use 69 minutes of air time.

Thanks 73/DE N9CWW/Clark

## **Don Somerville – KD9DHJ – Hendricks Co.**

October 1, 2020

Don Somerville, KD9DHJ, Hendricks Co.

### **Weekly/Monthly Nets:**

We have continued with our weekly Tuesday night ARES Nets on the 147.060 MHz and had good participation during the month of September. NOTE: As of October 6th, we will be returning to our 147.015 (PL 88.5) repeater for regular weekly net check ins. We would like to thank the Morgan County Repeater Association for the generous use of their repeater as well as their camaraderie during this time.

We held our monthly QSY net on 9/29 with amateurs changing frequencies for check in and also had a Simplex net on 9/22. Listen to our Tuesday night nets at 1930 hours for further details.

The Simplex net was held on 145.555 MHz Simplex at 2000 hours, right after the scheduled weekly Tuesday Night Net. These Nets are conducted to check our radio performance and capability with a Net Controller Operator as well as other Amateurs in and around Hendricks County. These Nets are running from now to April of 2021.

### **Community Events:**

We participated in the Hendricks County Local Emergency Planning Committee (LEPC) session September 10th and the Hendricks Regional Health Emergency Preparedness Planning Committee meeting September 14th to work with county and hospital representatives on emergency communications and accountability procedures.

We supported the Quaker Day Parade in Plainfield Indiana on September 19th with last minute notice. Due to the ongoing Covid-19 restrictions they were not sure if it would even be held. Our members manned key positions along the parade route in support of local Law Enforcement and everything went off without a hitch. Thanks for everyone who volunteered.

Upcoming: We have been coordinating/planning with the Hendricks County Emergency Management Agency Director and Sheriffs Department to assist them in the annual Halloween Patrol within the county. We currently have eight (8) subdivisions mapped out that ARES members will patrol during the Trick or Treating hours.



### Training:

Upcoming: There will be a Hendricks County ARES New Member Orientation Class, on Saturday October 24, 2020. If you have, or if you never attended this class, you are welcome to attend this class. This class will be held for anyone who became a new member with in the past year. Details will be announced during our regular Tuesday night nets.

### General:

There is a New Ham Radio Club in Town, the Danville Community Amateur Radio Club's (DCARC) first meeting was held on Monday night September 21st, at 1900 hours at the Hendricks County Government Building, located 355 S. Washington St. in Danville.

### Preparedness in September 2020

The whole month of September was to many of us known as "PREPAREDNESS" month. Hendricks County ARES throughout the month encouraged everyone to take some time out during the month to sit down and plan the steps they needed to take in the event of an emergency in and around their neighborhood or area where they live and/or work. Drills/exercises were encouraged to get them and their family familiar with their plan. It didn't have to be a terrorist attack scenario such as 9-11, but things such as wild fires, tornados, hurricanes, earth-quakes, and floods that can happen here. Planned attacks and natural disasters, can and very often do severely disrupt the infrastructure of the local area.

Stay safe, be prepared!

73,  
Don

### **Jeff Davis – K4BXX – Henry Co.**

We had a short leadership meeting this month after being away for awhile. We will resume meetings on Thursday, Oct 15, 2020 at the New Castle EMA office at 18:30. We will be discussing our plans for the rest of the year at that time.

### **Robert LaGrange – KB9DJA – Johnson Co**

ARES/RACES members and members of Johnson County Mid-State Amateur Radio Club held an information exchange on what we all have in our Ready Kit/Go Kits for local deployments. There were some examples brought to the meeting and there was a good discussion on what maybe essential to have with you on a short deployment. Some made copies of a list of what they had in their Ready Kit/Go Kit to share with those in attendance.

### **Brian Sexton – KD9EDR – Kosciusko Co.**

We have been busy planning our annual SET which is scheduled for October 3rd. This year we are doing this in conjunction with supporting the Indiana Guard Reserve during their annual training. The IGR is conducting search and rescue training and we will be assisting them with communication and have a station at the county EOC for passing information. It should turn out to be a great experience.

### **George Edenfield – KB9RZK – Putnam Co.**

The Putnam County Noontime Net run by ARES member K9XT has continued throughout September with a slight decrease in the both the number of nets and the number of hams checking in. The net should continue to happen based upon the desires of the hams participating.

### **Steve Jewell – WR9G – Scott Co.**

The Scott County EMA Group will hold a VE session Saturday, October 10th at 11:00 AM. Sessions are normally held on the 2nd Saturday of every even numbered month. Walk-Ins are welcome, however due to virus social distancing, there is a limit of 8 candidate seats. The testing location is at the Bacala Center, 69 E Wardell St, SE Corner of Courthouse Square, Scottsburg IN 47170 and is ADA accessible. For more info email: [steve@wr9g.net](mailto:steve@wr9g.net) or visit [www.wr9g.net/links](http://www.wr9g.net/links). 73, Steve WR9G

### **Peter Crasher – W9DRB – Spencer Co.**

4 analog and 4 digital nets

### **Mark Tritch – KC9GUY – Steuben Co.**

Resuming 'in person' team meetings in October

### **Robert Sambolin – KP4CI – Tippecanoe Co.**

TCARES continues it's Tactical Nets on Monday evening at (8pm) 20:00 hrs local time on the W9TCA 145.37 (131.8 pl) repeater. They last approximately between 10 to 15 minutes. First Saturday of the month we continue helping Tippecanoe County EMA with checking designated Sirens around the county starting at 10:45am on the 147.39 repeater. Siren are activated around 11am, and Net is terminated around 11:15am.

TCARES has not been able to meet physically due to the virus. Plans are to have a Zoom meeting in the month of October.

Some of the members continue to improve their simplex 2meter operations by participating in a 2Meter simplex net on 146.52 right after the Monday Night TCARES net. This is run by K9XN and K9YK. K9YK stirs his directional antenna taking check ins from outside the county, covering Indiana and Illinois.

Tippecanoe Amateur radio association canceled this years ham fest due to the virus.

### **Len Schmitt – N9QVQ – Vanderburgh Co.**

During September Vanderburgh County Auxcomm kept up a fairly busy schedule. Mark KC9TYA (OES) and Net Manager KE9YK continue to manage and keep the troops ready with plenty of practice. Winlink Wednesdays have been a learning experience as Mark and mentor Carl N9NMR from continue to school us in getting proficient with using Winlink forms as well as being able to pull comma separated value lists into Excel and use FLMSG forms as well. We've logged a few hours studying some Youtube videos on Winlink. We are working towards participation in the November 14th Red Cross Drill, which will focus on using forms from Winlink Express. Our monthly meeting was once again held virtually where we had people practice acting as the NCS for a Weather Net using the script that we had implemented and distributed at our August meeting.

### **David Ofansky – K9DWO – Vigo Co.**

We will be participating in the ARRL Set on 10/03 (Vigo Co.)

### **Mike Laboyteax – KB9ML – Wayne Co.**

We continue to be very slow with the fear and restriction that seem to be growing instead of getting lighter. We will continue to push forward. We would like to do a JOTA activation for the scouts of the area.

### **Official Emergency Station Reports**

#### **Vernon – NA9L – Morgan Co.**

I checked into the Morgan County, Hendricks County ARES nets . I checked into the Indiana Traffic Net. I checked into the Morgan county COVID 19 net. I received and sent Routine traffic.

### **Jimmy Merry, Jr – KC9RPX – Monroe Co.**

Total Hours - 10: Monroe Co ARES Net; Monthly warning siren test; Assisting Owen and Greene Counties with their nets and ARES groups. Also daily CoCoRAH'S wetnet reports for NWS.

### **Mark Thienes – KC9TYA- Vanderburgh Co.**

For those that are interested in participating in the Red Cross/Winlink exercise in November, please send your request to Wayne K4WK thru Winlink. He will get you signed up. They are currently holding training sessions on Thursdays. I hope everyone has a great October. Stay safe

## Don Evilsizor – KA9QWC – Whitley Co.

September brought on some frosts and shorter daylight to change the colors of foliage and still a few hummingbirds drifting through. HF radio Propagation on our Indiana ITN seen a few ups and downs during the month but thanks to those ham operators that provided relays. I been trying to improve my local 2 METER and 440

antennas in preparation for the coming winter season. I enjoy providing relays when possible to assist others. During most months quite a few radiograms are passed to new or upgraded hams with encourage them to get

on the air. Opportunities are there for all amateur radio operators to draft up radiograms to family members, relatives and friends. The message can be simple such as using birthdays, anniversaries or other

common events to send these radiograms.

### **INDIANA ARES BY THE NUMBERS (ONLY 34 ECs REPORTING!)**

**Total ARES Members reported: 698**

**Number of reporting ARES EC's: 32**

**Number of reporting OES's: 6**

**Number of reporting DEC's: 6**

**Number of ARES Nets: 178**

**Number of Nets with NTS Liaison: 85**

**Number of exercises, and training sessions: 49**

**Person Hours: 1396.34**

**Public Service Events: 2**

**Person Hours: 33.5**

**Emergency Operations: 0**

**Person Hours: 0**

**SKYWARN Nets: 5**

**Person Hours: 88.6**

## ARRL – INDIANA SECTION TRAFFIC MANAGER REPORT

Greetings all, Hard to believe October has arrived and the cooler weather is fast approaching. As the leaves come off the trees now is a good time for antenna maintenance. Despite the rumors, antenna work in the snow and cold is not fun! Traffic numbers are looking great thanks to all for the timely reports until next month 73!

Brian  
W9BGJ

**INDIANA STM REPORTS SEPTEMBER 2030**
**HF NETS**

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
INDIANA SECTION ARES	KC9TYA	42	0	104	4
IDTN	K9JAJ	211	70	415	22
ITN	N1LL	1826	133	1301	60
QIN	K0TQ	83	64	258	30
INDIANA WINLINK	KC9TYA	78	0	2340	5
TOTALS		2240	267	4418	121
NETS REPORTING	5				

**INDIANA STM REPORT SEPTEMBER 2020**
**PUBLIC SERVICE HONOR ROLL**

STATION	SESSIONS	MESSAGES	APPTS	PUB SVC	EMG RES	DIGITAL	TOTAL
W9BGJ	0	40	30	0	0	10	80
KA9QWC	40	40	30	0	0	10	120
AB9ZA	40	40	10	0	0	0	90
N1LL	40	40	30	15	0	20	145
W9EEU	40	7	30	0	0	20	97
TOTALS	160	167	130	15	0	60	532
STATIONS REPORTING	5						

**INDIANA STM REPORT SEPTEMBER 2020**
**ORS AND SAR STATION REPORTS**

STATION	TYPE	ORIGINATED	RECEIVED	SENT	DELIVERED	TOTALS
W9BGJ	ORS	0	105	105	0	210
KA9QWC	ORS	0	8	19	6	33
AB9ZA	ORS	0	66	52	25	143
K0TQ	SAR	18	87	69	8	182
N1LL	ORS	4	177	124	0	305
NA9L	ORS	0	0	2	2	4
W9EEU	ORS	0	3	3	1	7
W9PC	ORS	3	6	0	5	14
K9ATP	ORS	3	14	19	15	48
W9MGB	ORS	2	2	1	1	6
TOTALS		30	468	394	63	952
STATIONS REPORTING		10				

**INDIANA STM REPORT SEPTEMBER 2020**
**VHF/UHF NETS**

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
BARTHOLOMEW CO ARES	K9JAJ	41	0	119	5
CASS CO ARC	KA9YBN	49	0	100	4
CLAY COUNTY	W9EEU	37	0	60	4
CROSSROADS DMR	K9NQW	117	0	107	4
D STAR NET	K9NQW	71	0	126	4
DEKALB CO ARES	WD9GC	84	0	106	5
HOOSIER HILLS ARC	WD9EWF	55	0	29	5
HUNTINGTON CO NET	K9BME	75	0	173	5
IMO NET	K9SKS	401	0	309	26
JEFFERSON CO	N9XVB	21	0	37	4
KOSCIUSKO CO EMG NET	KC9AYT	175	0	173	5
MID STATE ARC	K9DY	197	0	184	4
MONROE CO	KC9EVU	69	0	71	4
MORGAN CO ARES	N9JPX	94	0	145	5
NORTHEAST INDIANA PACKET NET	KA9QWC	26	3	125	3
OWEN CO ARES	K9EOH	41	0	55	6
SCOTT CO ARES/RACES	WR9G	84	3	151	5
SOUTH CENTRAL AREA	KA9OPL	70	0	142	5
TARS EVANSVILLE	KE9YK	175	3	185	13
TRI STATE 2 METER	W9OU	450	0	432	22
WCARC SUN NET	KA9QWC	26	5	71	4
WHITLEY CO ARES	W9NNH	38	0	138	5
21 REPEATER GROUP	KA9QWC	41	5	119	5
		2437	19	3157	152
NETS REPORTING		23			

# North East Indiana Packet Net (NEIPN)

## Indiana DMR & D-Star Nets

Date	Net Control	QNI	QTC	QTR	Time Began	Time Ended	Freq
09/07/20	KC9OYW	33	0	28	20:00	20:28	442.750(+)
09/14/20	KC9OYW	30	0	29	20:00	20:29	442.750(+)
09/21/20	K9NQW	25	0	25	20:00	20:29	442.750(+)
09/28/20	K9NQW	29	0	25	20:00	20:25	442.750(+)

Sessions: 4 Total: 117 Total: Total: 107  
Month of Report: September 2020

### D-Star

Date	Net Control	QNI	QTC	QTR	Time Began	Time Ended	Freq
08/03/20	K9NQW	16	0	34	20:00	20:34	443.400(+)
09/10/20	K9NQW	14	0	25	20:00	20:25	443.400(+)
09/17/20	KA9OPL	16	0	26	20:00	20:26	443.400(+)
09/24/20	KA9OPL	25	0	41	20:00	20:41	443.400(+)

Sessions: 4 Total: 71 Total: Total: 126  
Month of Report: September 2020

### NOTE:

QNI – Total Number of Check-ins

QTC – Total Traffic

QTR – Total Minutes

## Technical Specialist Coordinators Report

## **Chris Frederick – N9QCL**

Assisted local HAMS with HF noise issues. Using mobile dual band radio tuned to quiet part of aero band (AM modulation) localized area of highest noise. That was “far field probe” of large mobile antenna. Switched to small, handheld AM/FM radio with smaller, built in ferrite rod antenna. Now with the “near field probe”, zoomed right in on the ONE utility pole with highest audio buzzing.

Noted recently placed electrical riser from power secondary running down pole to underground feed to new built home. Turning over to local electric company “interference team” to remedy.

As local HAM club repeater covers 5 counties with 3 power companies, will determine if each has a go-to guy for electrical noise issues. Some rural parts of Indiana have smaller, independent power companies. Might not have the manpower for a noise localizing, remediation group. It might be up to us local HAMS to assist them in finding their cracked insulators, loose connectors that are arching, etc. BE FRIENDLY! Some might not like us HAMS butting into their busine

## **Roger McEntarfer NQ9Y**

The month of September I continue working with the Whitley County Amateur Radio Club board dealing with club activities and COVID-19.

Worked with Gene Languell KD9KMS, Steve Holzinger KC9WBR to replace a rotator on Mike wright KD9FJP’s 60 foot tower. This was a first time I have seen the four bots shear off a rotator and bearings fall out as we pulled it out of the tower.

I plan to rent a lift this weekend to fix my Windom 160 and also a camera that is mounted below my top antenna at about 50 feet.

The Whitley County Amateur Radio Club W5YI Team held a special test session on Saturday, September 5, 2020.

The W5YI Team members present were Jim Smith/N9FGN, Steve Holzinger/KC9WBR, Mike Wright/KD9FJP, Dennis Keyfauver/K3DCK, Ed Scott/K9EJS and Roger McEntarfer / N9QCL.

Fifteen people showed up for the September test session and twelve left smiling with a new license or upgrade to an existing license.

Only those signing the waiver allowing us to print their results will be listed.

New hams are as follows:



Scott A. Abbott - Technician Class – Huntertown, IN  
Dennis J. Bidwell - Technician Class – Kendallville, IN  
Jerry R. Etnier Jr. - General Class – Fort Wayne, IN  
Donald R. Green- Technician Class – South Bend, IN  
David G. Deniston- Technician Class – Bowling Green, OH  
Steve R. Leisinger- Technician Class – Columbia City, IN  
Bryan J. Sears- Technician Class – Angola, IN  
Nicklas S. Skaggs. - General Class – Fort Wayne, IN

Upgrading Hams are as follows:

Rebecca S. Mapes /KD9OQY - General Class – Churubusco, IN  
Jeffery R. Lauritsen /KD9PFN - General Class – Fort Wayne, IN  
Timothy E. Mayer /KD2TCP - General Class – Endicott, NY  
Jason M. Richards /KD9ODO - General Class – Huntington, IN

The next W5YI Test session will be held on Saturday October 24, 2020 from  
9:00 to 11:00 AM, at the St Paul of the Cross Deacon Joe Bldg, gymnasium, 215 S Line St, Columbia City,  
IN.

Click Link below to Register for the October 24, 2020 Test session.

<https://www.surveymonkey.com/r/5RLW933>

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday  
October 8, 2020 starting at 6:00 PM.

The meeting will be held via ZOOM.

Join Zoom Meeting

<https://us02web.zoom.us/j/87378815017>

Meeting ID: **873 7881 5017**

**Meeting will be streamed live on Whitley County Amateur Radio Club Facebook**

**Page:** <https://www.facebook.com/wc9ar/>

The Program for the evening will be on HF Wire Antennas, presented by the American Radio relay League (ARRL).

All WCARC General Meetings are open to the Public.

### **Mark Skowronski K9MQ**

Helped a local ham with an interference problem they were receiving on the FM broadcast band. The person started having issues receiving a low power FM station approximately 40 miles away with their broadcast band beam antenna and FM tuner. They were able to receive the station in the driveway with their car radio or with a portable radio outside. I suggested that interference was being generated in the house, (possibly from ethernet or a cable modem) and recommended that they throw breakers to try to find the source of the interference. Instead of throwing breakers, they powered down their Comcast cable modem and the interference disappeared and the station was now listenable. The modem was powered back on and the interference has not returned.

### **Jeff DeLucenay KB9QG**

The K9A Auburn Cord Deussenburg festival special event station ran from the end of August and ended on September 9th. I was the coordinator for the event. We had 18 operators participated in the event making 1707 contacts through out the US and 30 countries. We use SSB, FT8 and CW modes for the contacts.

On September 5th, John Rostofer, WG9K, setup radio s at Chain O Lakes State Park for Indiana Parks On The Air (POTA). Several W9OU members were there plus others totaling 12 hams. There 33 visitor and 55 contacts were made. There also was a ARRL display which I provided To help promote amateur radio at the event.

I mentioned the cobweb antenna having issues. Troy Bunguard ,KD9NZK, a new ham has been helping and learning about antenna issues. I have also learned about balun issues. The result will be a technical on baluns and use with multiband antennas.

I have been working with John Maag, KD9QDL, with using APRS to send messages to out mobile phones using the 2 meter radios equipped with APRS.

I am trying to use a Raspberry Pi to work with Winlink to participate on Winklink Wednesday. The issue is that Winklink Express only works on Windows based PCs. The Raspberry Pi emulator For Windows cannot use Winlink Express. I am looking to find an alternate solution.

I have also ran the ARES net for September 5th and 12th for Dekalb County.

There was a W5YI test session on September 12Th and Ismar Chew, KD9OKH upgraded to a General Class operator

### **Lou Kruizinga N7BBW**

last month i was passing the word about setting up time out timers to radios.

this month has been about operating simplex. everyone has their vhf and uhf radios programmed with repeaters frequencies into the memory banks.

but what happens when the repeater you are having a net operations on dies? hopefully the net controller can switch to simplex operations quickly.

giving this situation one option could be to preprogram their radios with a TAC. TAC meaning Talk Around Channel.

with todays menu driven radios it takes many steps to get there.

to repeat a Boy Scout motto " Be Prepared ".

on our weekly radio net we mention a back up repeater. but it too was down



So plug in your TOT and TAC in your radios.

### **No Activity to Report**

Tom Busch WB8WOR

## **Public Information Coordinator's Report**

***Hamilton County PIO Report***

October was a busy month for Amateur Radio in the county as the press, a club, ARES and RACES provided page one coverage, an all-day ham radio “testfest” in Morse Park which included the Section Emergency Test and held amateur radio exams.

The Central Indiana Amateur Radio Association, the Amateur Radio Emergency Service and Hamilton County RACES joined forces in inviting the public to join them on Saturday, Oct. 3 for meetings which included a ZOOM address by Section Manager Jimmy Merry, KC9RPX; a burger/dawg cookout; the Section Emergency Test and a field equipment “testfest,” providing training on the new RACES communications equipment go-kits and the opportunity to bring in any personal radio gear, antennas, and analyzers to test anything with moving electrons in it.

Members of the public were welcomed and interest in amateur radio generated with those who stopped by. Of course, all operations were held with masks and lots of hand sanitizer.

ARRL Indiana Section Manager Jimmy Merry, KC9RPX provided an update of issues of concern to the Amateur Radio community and answered questions on a variety of topics during a Zoom conference at the Osprey Pointe Pavilion in Noblesville’s Morse Park and Beach.



After the meetings, members brought in and set up equipment, antennas, radios and of course, a charcoal grill for burgers and dawgs.

*(Photo by KJ9M)*



*(Above left) Dane Dillon, KD9CEH and Arnal Cook, N9ACC check out the new Rig Expert AA-230 antenna analyzer. (Right) ARRL Hamilton County Emergency Coordinator Mike Alley, W9MSK, sets up the Blue Sky Mast with the help of Alexandra Auvinen, AC9XK; Randy Cox, K9LAD and Scott Ligler, KB9SZM during “testfest.”*

Using one of the photos taken during “testfest,” the **Hamilton County Reporter** provided a front page story about the forthcoming amateur radio exams to be held at the Emergency Operations Center on Saturday, Oct. 17:

<https://readthereporter.com/DailyEdition/2020-10-14.pdf>

## Hamilton County EMA offering amateur radio tests this Saturday



*Photo by KJ9M*

**Kim Taylor, KD9QGD, Westfield, field tests one of the new RACES communications rapid-deployment “go-kits” at the Osprey Point Pavilion in Morse Park. Taylor is an amateur radio operator and member of the Hamilton County Radio Amateur Civil Emergency Service, a volunteer arm of Hamilton County Emergency Management.**



The VE testing session resulted in one new Extra Class licensee, one General Class (who passed both elements 2 AND 3) and four new Technician Class licensees.

The next meetings of RACES and CIARA will be Saturday, Nov. 7 at Noblesville Fire Station 6, 16800 Hazel Dell Road. RACES will begin at 0800 and CIARA at 1000. The 1030 program will feature a live ZOOM presentation by Bob Heil, K9EID, no stranger to ham radio. Bob is a pioneer in audio systems, not only for the rock and roll stars in the 60's and 70's, but for ham radio as well.



As the founder of Heil Sound, Bob's injection of audio experience and know how has raised the bar for good sounding voice communications on amateur radio.

All radio amateurs interested in joining either CIARA/ARES or Hamilton County RACES or anyone interested in obtaining an amateur radio license are welcome to attend this or any meeting. For more information contact me or each group's representative(s) by email or text message.

73,

**Joe March, KJ9M**

**ARRL** Public Information Officer

Hamilton County

Indiana Section

Telephone: 317-224-9433

[kj9m@arrl.net](mailto:kj9m@arrl.net)



**Hendricks County ARES PIO report September 2020**

**Completed events:**

The scheduled weekly W9HCA Hendricks County ARES net was held every Tuesday night at 1930 . HCARES is still using the 147.060 repeater until the 147.015 is available. We want to thank the Morgan County Repeater association for graciously allowing the use of their repeater.

A QSY on the net on 08-25 to the 147.015 to test the refurbished repeater.

The HCARES monthly Hospital nets remain cancelled.

Several HC ARES members participated in the Plainfield Quacker day annual parade by assisting the Police blocking access to the parade route on Route 40.

### **UPCOMING EVENTS:**

#### **OCTOBER**

The scheduled weekly W9HCA Hendricks County ARES net will be held on the 147.015 MHz repeater. We thank again the Morgan County Repeater association for the use of their repeater while repairs were made to the HCARS repeater.

There will be a Hendricks County ARES New Member Orientation Class on Saturday October 24, 2020. The class will be held at the Hendricks County Senior Citizens Center 1201 Sycamore Lane, Danville. (right behind the Hendricks Regional Health Hospital). The Class will start at 1 pm and end at 3 pm.

JAKESTELL@AOL.COM

KI6PKV

HCARES PIO

### **Ham Radio Operators Practice Emergency Communications Capabilities by Joe Cirone**

HOBART, Ind. (October 4, 2020) - Amateur (Ham) radio operators practiced their ability to provide emergency communications for public safety, hospital and emergency management authorities during a major disaster or extreme weather event.

Hams representing Amateur Radio Emergency Services (ARES) District One, which covers Lake, Porter, LaPorte, Jasper and Newton counties deployed to a park in Hobart Saturday to establish communications from a simulated disaster scene.

The Hams, also known as Amateur radio operators because they are volunteers, not paid, established voice and data communications, using one antenna made of ordinary 14-gage (thin) wire, stretched horizontally between tripods and other made of 17-feet of one-inch diameter aluminum tent pole held together by a bungee cord, mounted vertically on a camera tripod. Each antenna was connected to a high-frequency two-way radio.

One of the radios was connected to a tablet computer, enabling the sending and receiving of email and other data messaging, without using any internet, WiFi or cellular connection. Both radios and the computer were powered by a small, lithium battery, able to supply the equipment with power for at least 18 hours. Solar power and portable generators are used to recharge the batteries or supply power directly to the equipment.

The exercise was part of the group's participation in the annual Simulated Emergency Test, a nationwide test designed to evaluate the strengths and areas needing further improvement of the participating ARES groups and to demonstrate ARES and Ham radio capabilities to the public when all other forms of normal communications are overloaded, unreliable or unavailable.

"ARES volunteers specialize in being able to provide emergency communications for public safety (Police, Fire, Emergency Medical Services, Search and Rescue and Emergency Management), hospital and disaster relief organizations including the American Red Cross and Salvation Army Disaster Services, plus critical infrastructure, like power, internet and cellular telephone providers while they are working to restore those services," said Joseph P. Cirone, the coordinator of ARES District One.

"ARES is officially recognized, nationally, by local, state and federal emergency and public safety organizations as the 'go to' provider of emergency communications during a disaster response and its recovery. It is also relied upon by the National Weather Service to help provide the 'ground truth' and conditions during extreme weather events, such as blizzards and tornados, and in other parts of the county, hurricanes," Cirone said.

ARES volunteers can be utilized to establish communication and communications networks between a disaster scene and an emergency operations center, relay email and critical information to and from state and federal agencies including the National Guard from fixed, mobile, portable and field locations and even provide auxiliary or supplemental communications during parades, marathons, and other special events, Cirone said.

The radio equipment used is able to communicate with voice and data, including email with photos, spreadsheets, Word and other attachments locally, regionally, statewide, nationwide and even worldwide, depending on the needs of the agency or agencies being supported. Hams are long known as the innovators of many technological advances, including cellular telephone and the internet. They are often described as the people who know how to make an antenna out of a wire coat hanger and communicate worldwide with it stuck on a tree limb, Cirone added.

Cirone continued, "Interoperability between our systems and those of other communications systems is high on our list of accomplishments. For ARES District One, gone are the days of using Morse Code and antiquated data systems. We use high-speed, robust data, supplemented by tactical voice capabilities, all of which are aligned with the Federal Emergency Management Agency's National Incident Management System, which volunteers are trained in.



Communications and email messages were exchanged with the State Emergency Operations Centers in Columbus, Ohio and Nashville, Tenn., the Williamson County, Tenn. Emergency Management Agency, a U.S. Department of Homeland Security radio email message system gateway facility in Birmingham, Ala., and a radio email message system gateway in St. Louis, Mo. Voice communications from as far away as Canada and Mexico were loud and clear. Being able to communicate beyond local and state borders is vital in an emergency if internet and cellular services are down, Cirone added.

ARES, like most volunteer groups, is always in need of additional volunteers. Free training is provided, and obligations are minimal. Volunteers can attend meetings and even volunteer completely from home, if desired. Affiliation is open to any person willing and able to help, and is without a criminal conviction, Cirone said. For more information on ARES or becoming affiliated with the group, email [W1SPY@arrl.net](mailto:W1SPY@arrl.net)



Bill Leaming, N4GIX, Assistant Emergency Coordinator for Net Operations of the Amateur Radio Emergency Service in Lake County, Ind. explains the design of his deployable emergency communications high frequency (HF) radio antenna to a General Mobile Radio Service radio enthusiast during the ARES District One field exercise in support of the American Radio Relay League's Simulated Emergency Test on October 3, 2020. Leaming was part of a team that established voice and data (email) communications from a park in Hobart, Ind., using two dedicated HF stations, operating on battery power and using different antennas. (Photo by Joseph P. Cirone)

## **Whitley County PIO Roger McEntarfer, N9QCL**

I announced in the local newspapers: Columbia City Post & Mail, Churubusco News, IN Whitley County, and South Whitley The Tribune News, Local WJHS 91.5 FM (Whitley County Joint High School) radio station, Local Web based News: Columbia City Talk of the Town. HF Nets: Indiana Traffic Net and several of the local 2M and 70 CM nets around the northern Indiana area about the Whitley County W5YI Test Session September 5, 2020, the Whitley County W5YI Test Session Results for September 5, 2020, the Whitley County Amateur Radio Club (WCARC) General Meeting on September 10, 2020, the Whitley County Amateur Radio Club (WCARC) General Meeting on October 8, 2020 and the Whitley County W5YI Test Session October 24, 2020.

The Whitley County Amateur Radio Club W5YI Team held a special test session on Saturday, September 5, 2020.

The W5YI Team members present were Jim Smith/N9FGN, Steve Holzinger/KC9WBR, Mike Wright/KD9FJP, Dennis Keyfauver/K3DCK, Ed Scott/K9EJS and Roger McEntarfer / N9QCL. Fifteen people showed up for the September test session and twelve left smiling with a new license or upgrade to an existing license. Only those signing the waiver allowing us to print their results will be listed.

New hams are as follows:

Scott A. Abbott - Technician Class – Huntertown, IN  
Dennis J. Bidwell - Technician Class – Kendallville, IN  
Jerry R. Etnier Jr. - General Class – Fort Wayne, IN  
Donald R. Green- Technician Class – South Bend, IN  
David G. Deniston- Technician Class – Bowling Green, OH  
Steve R. Leisinger- Technician Class – Columbia City, IN  
Bryan J. Sears- Technician Class – Angola, IN  
Nicklas S. Skaggs. - General Class – Fort Wayne, IN

Upgrading Hams are as follows:

Rebecca S. Mapes /KD9OQY - General Class – Churubusco, IN  
Jeffery R. Lauritsen /KD9PFN - General Class – Fort Wayne, IN  
Timothy E. Mayer /KD2TCP - General Class – Endicott, NY  
Jason M. Richards /KD9ODO - General Class – Huntington, IN

The next W5YI Test session will be held on Saturday October 24, 2020 from 9:00 to 11:00 AM, at the St Paul of the Cross Deacon Joe Bldg, gymnasium, 215 S Line St, Columbia City, IN.

Click Link below to Register for the October 24, 2020 Test session.

<https://www.surveymonkey.com/r/5RLW933>

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday October 8, 2020 starting at 6:00 PM.

The meeting will be held via ZOOM.

Join Zoom Meeting

<https://us02web.zoom.us/j/87378815017>

Meeting ID: **873 7881 5017**

**Meeting will be streamed live on Whitley County Amateur Radio Club Facebook Page:**

<https://www.facebook.com/wc9ar/>

The Program for the evening will be on HF Wire Antennas, presented by the American Radio relay League (ARRL).

All WCARC General Meetings are open to the Public.

For additional information visit the Whitley County Amateur Radio Club Web Page at [www.wcarc.org](http://www.wcarc.org), or the [Whitley County Amateur Radio Club Group Facebook Page](#)



Whitley County Amateur Radio Club Technical Specialist  
Whitley County Amateur Radio Club Public Information Officer  
Whitley County W5YI CVE

## **Amateur Radio on the International Space Station**

**Subject:** ARISS News Release No. 20-18 window opens to accept ARISS Education Proposals

ARISS News Release  
No. 20-18  
Dave Jordan, AA4KN  
ARISS PR  
aa4kn@amsat.org

FOR IMMEDIATE RELEASE

Message to US Educators  
Amateur Radio on the International Space Station  
Contact Opportunity

Call for Proposals  
New Proposal Window is October 1st, 2020 to November 24, 2020

September 30, 2020 --- The Amateur Radio on the International Space Station (ARISS) Program is seeking formal and informal education institutions and organizations, individually or working together, to host an Amateur Radio contact with a crew member on board the ISS. ARISS anticipates that the contact would be held between July 1, 2021 and December 30, 2021. Crew scheduling and ISS orbits will determine the exact contact dates. To maximize these radio contact opportunities, ARISS is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan.

The deadline to submit a proposal is November 24th, 2020. Proposal information and more details such as expectations, proposal guidelines and the proposal form can be found at [www.ariss.org](http://www.ariss.org). An ARISS Introductory Webinar session will be held on October 8, 2020 at 8 PM ET. The Eventbrite link to sign up is: <https://ariss-proposal-webinar-fall-2020.eventbrite.com>

### The Opportunity

Crew members aboard the International Space Station will participate in scheduled Amateur Radio contacts. These radio contacts are approximately 10 minutes in length and allow students to interact with the astronauts through a question-and-answer session.

An ARISS contact is a voice-only communication opportunity via Amateur Radio between astronauts and cosmonauts aboard the space station and classrooms and communities. ARISS contacts afford education

audiences the opportunity to learn firsthand from astronauts what it is like to live and work in space and to learn about space research conducted on the ISS. Students also will have an opportunity to learn about satellite communication, wireless technology, and radio science. Because of the nature of human spaceflight and the complexity of scheduling activities aboard the ISS, organizations must demonstrate flexibility to accommodate changes in dates and times of the radio contact.

Amateur Radio organizations around the world with the support of NASA and space agencies in Russia, Canada, Japan and Europe present educational organizations with this opportunity. The ham radio organizations' volunteer efforts provide the equipment and operational support to enable communication between crew on the ISS and students around the world using Amateur Radio.

Please direct any questions to [ariss.us.education@gmail.com](mailto:ariss.us.education@gmail.com).

#### About ARISS:

Amateur Radio on the International Space Station (ARISS) is a cooperative venture of international amateur radio societies and the space agencies that support the International Space Station (ISS). In the United States, sponsors are the Radio Amateur Satellite Corporation (AMSAT), the American Radio Relay League (ARRL), the ISS National Lab-Space Station Explorers, and NASA's Space Communications and Navigation program. The primary goal of ARISS is to promote exploration of science, technology, engineering, the arts, and mathematics topics by organizing scheduled contacts via amateur radio between crew members aboard the ISS and students. Before and during these radio contacts, students, educators, parents, and communities learn about space, space technologies, and amateur radio. For more information, see [www.ariss.org](http://www.ariss.org).

#### Media Contact:

Dave Jordan, AA4KN



ARISS PR

Like us on Facebook. Follow us on Twitter. Search on Amateur Radio on the ISS and [@ARISS\\_status](#).

# 2020 Indiana Hamfest Schedule

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November 7, 2020 - Hoosier Hills Hamfest

Lawrence County 4H Fairgrounds - Mitchell, IN

just off of US-50, west of SR-37

<http://www.w9qyq.org/hamfest>

**Gates open at 6 am for vendors, and 8 am for the public**

—  
**NOVEMBER 14 & 15 Ft Wayne Hamfest is Canceled**

November 28 - Wabash Valley ARA Turkey Fest

Brazil – Clay Co. Fairgrounds

[www.w9uuu.org](http://www.w9uuu.org)

SEARCH THE ARRL HAMFEST CALENDAR : <http://www.arrl.org/hamfests/search>

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**Time to begin planning 2021 Hamfests. Get your event listed with  
ARRL! Send in the hamfest application today!!!**

HAMFEST APPLICATION: <http://www.arrl.org/hamfest-convention-application>

(Note: The ARRL hamfest calendar on the ARRL website is how INARRL Staff learns about events, so be sure to register your clubs hamfest with the link below. So INARRL can post and share information about your hamfest on social media and the Indiana section newsletter.)

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**59<sup>TH</sup> Annual**

# **HOOSIER HILLS HAMFEST**

**At the Lawrence County 4H Fairgrounds Near Bedford Indiana November 7, 2020**

## **NOTICE: NEW DATE NOVEMBER 7TH 2020**

**Indoor Hamfest, All Vendors & Tailgating Inside & Outside**  
**Hourly DOOR PRIZES Including ARRL Store Gift Certificates**  
**Admission Price Still Only \$5 Children Under 12 FREE**

### **Vendor / Tailgate Set-Up**

Vendor Building Open 6am - 8am Saturday  
vendor / tailgate set-up only. Please ask about  
early setup times when reserving spaces.  
Outside Tailgating Fee is \$5 plus admission  
Inside Vendor / Tailgating Fee is \$10 per  
table/space, plus admission  
Each 10' x 10' space includes 1 table  
"Quantity Discounts Available For Inside Only"

### **Hamfest Hours / Rules**

Gates open to the public at 8am Saturday  
Admission \$5 per person (under 12 FREE)  
Food and drink items will not be for sale at  
the hamfest due to COVID-19 restrictions.  
Tickets must be placed in the barrel to be  
eligible for all door prize drawings  
Face masks suggested. Please keep 6 ft  
distance from other guests. Hand  
sanitizer will be available for guests.

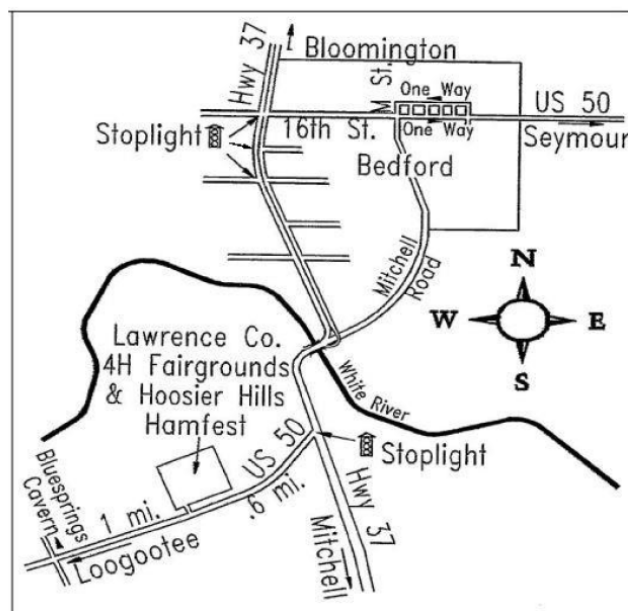
**ARRL VE Testing ~ Registration 9:30 - 10 am Test At 10 am Next To The Main Building**

### **TALK IN ~ 146.73 MHz (-) PL 107.2 W9QYQ Repeater**

Please Sign Up For Our Hamfest E-newsletter &  
Find The Latest Hamfest Information On Our  
Website: <http://www.w9qyq.org/hamfest>

Hamfest Chair: Nathan Lowery, KB9GMU  
Email: kb9gmu@gmail.com

Contact Person: W.W. Warren - KB9TMP  
For Information, Text or Call: 812.675.2450  
Or Email: hamfest@w9qyq.org



**Hamfest Location 11265 U.S. Highway 50 West Mitchell Indiana 47446 – Please See Above Map**  
**For the very latest Hamfest News Please Visit: <http://www.w9qyq.org/hamfest>**



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

# **2020 TurkeyFest & Computer Expo**

with

**Commercial Vendors**

**Saturday November 28, 2020**

Indoor Event – Rain or Shine!

**8:00 AM to 12:00 PM EST**

Vendor setup begins at 6:00 AM

**Clay County 4-H Fairgrounds**

**6550 North State Road 59 – Brazil, IN**

(39° 29' 03" N, 87° 07' 30" W)



**Talk-In: K9IKQ/R – 146.685 MHz – PL 151.4 Hz**

**Admission \$7.00 (12 and under free)**

## **Free Tables**



**Hourly drawings for Door Prizes**

**Breakfast Served – DXCC/VUCC/WAS Card Checking**

**More information: <http://w9uuu.org> or contact [hamfest@w9uuu.org](mailto:hamfest@w9uuu.org)**