



# ARRL - Indiana Section

## November 2020 Newsletter

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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



Andrew Allie, KC9PTM, Wolcott, IN

John Rodenbarger Jr., WB9OFG, Brookston, IN

Linda Card, N9WO, Greenfield, IN

Donald Keith Reeder, K9DGS, Frankfort, IN

Don Hemenover, N9DOO, Indianapolis, IN

David Abel, Jr., KX2F, Warsaw, IN

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@arri.org](mailto:jmerry@arri.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:

Michael MaGruder, KC9WPH - EC, Lawrence Co.

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#### Resignations and Cancellations:

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,

I want to wish everyone and your loved ones a happy and safe Thanksgiving holiday.

With the 2020 Indiana hamfest season wrapped up, I want to remind hamfest hosts for 2021 to please fill out the hamfest application with ARRL. Some already have. Hope the current crisis with COVID-19 may ease and allow us to have more hamfests next year. I'd like to start the hamfest calendar in the

newsletter in next month's edition, so please let me know if your club is hosting a hamfest next year. The next hamfests that I am aware of will be Hendricks Co. and Dugger, IN in February.

I also want to remind the affiliated clubs to review their annual reports on the ARRL website to make sure contact information is up to date.

73,  
Jimmy Merry  
IN SM



## Section Emergency Coordinator Report

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Good Evening, the COVID-19 numbers continue to rise in Indiana and nationwide. This has affected most of our in-person activities. Many of the teams have undertaken on-air training and activities. I urge all of you to practice safe distancing and mask wearing as recommended by the Indiana State Department of health. I would like to welcome Michael Magruder KC9WPH as the newly appointed EC for Lawrence County. Welcome to the team!

During the past few months, there has been ongoing training and practice using WINLINK. Indiana's WINLINK Wednesday sessions have been very successful and are gradually increasing participants. In addition, there have been some additional gateway stations placed on the air in Indiana. I urge anyone with an interest to investigate placing more gateways on the air. These additional access points will help improve our emergency communications capability. I am looking forward to getting out and about and visiting with many of you in person once again! Stay Safe and Well!

**Jim Moehring, KB9WWM**  
Section Emergency Coordinator  
Amateur Radio Emergency Service  
Indiana Section

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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 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, 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.netto express your interest.

District Emergency Coordinators Reporting (4/7) Joe Cirone, W1SPY (District 1) Jim Moehring, KB9WWM, (District 3) Marv Gilliland, KC9RVL, (District 6) David Ofansky, K9DWO, (District 7)

Emergency Coordinators Reporting (28/50 KB9WWM, K9JAJ, W9DBA, KB9OIC, W9EEUN9JFH, WD9GC, KC9RVL, N9GTL, KD9GHSN9CWW, KD9DHJ, N9SIU, KD9EDR, KC9GFW9GNR, WD9GIU, KC9EVU, N9JPX, KB9RZKWR9G, W9DRB, KD9PVC, N9QVQ, K9DWOKB9ML, AB9HP, K9EJS

### **District Emergency Coordinators Reports**

Joe Cirone –W1SPY –District 1As EC for Lake County and as DEC, I attended a GMRS Radio Repeater Owners meeting in Hobart, IN on 3 DEC 20, to which I was invited by the Lake County AEC for Network Operations who serves as a liaison to the GMRS Club.

There we established two portable HF stations, one voice and one digital (Winlink, NBEMS and VARA) and participated in the Simulated Emergency Test (SET). 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. Over 40 people attended the event, 13 of whom expressed interest in ARES and supplied traffic for SET. I appointed an AEC for Lake County to interface with the Indiana Homeland Security District. Spent 17.5 hours on 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. Began developing the initial draft of a comprehensive District-wide Strategic Plan to be published in December 2020. Spent 51 hours researching, writing, editing, and formatting the beginnings of the plan during a long plane ride and the single days off weekly while deployed to the Wildfires on the West Coast. The Plan will be reviewed by the existing ARES District 1 members for suggested changes before being published.

Jim Moehring –KB9WWM –District 3 Gradually some of the counties in the district are supporting some events using new social distancing and safety precautions.

Marv Gilliland –KC9RVL –District 6 Muncie ARC has been holding monthly foxhunts. For information check their website at <http://www.wb9hxg.net/> Randolph County ARC has also been holding fox hunts. Check out their Facebook page at Randolph County Amateur Radio Club. I am 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. Covid-19 is still affecting our operations in Allen County. October is normally a busy month for community events that are supported by our ARES team, all the events were cancelled by the pandemic.

Jeff Jones –K9JAJ –Bartholomew Co. BC-ARES held its usual weekly Wednesday evening Nets on 146.79 MHz (103.5 Hz). W9MDT, N9CJT, and K9JAJ continued to participate weekly in the Indiana Winlink Wednesday Net, managed by KC9TYA.

Scott Nelson –W9DBA –Brown Co. During October there were 5 scheduled ARES nets conducted on the Brown County KA9SWI 2-meter repeater 147.300 MHz PL 136.5 with 59 check-ins lasting 129 minutes providing operators an opportunity to test the capabilities of their equipment and practice net protocol.

JW (Wes) Temple –KB9OIC –Clark Co. Our ARES team had a small exhibit and demo of using an HT on a local repeater at a National Night Out (NNO) for my neighborhood since many neighbors wanted to know what the antenna was at my home. I educated those attending the uses and benefits during events and incidents.

Gary Adams –W9EEU –Clay Co. At our regular monthly meeting we demonstrated how to use various forms in Winlink Express. Some in the group had issues figuring out the appropriate steps and we seemed to clarify the process needed to utilize the forms.

Kevin Berlen K9HX also demonstrated a NanoVNA analyzer. His presentation was very interesting and the particular device he demonstrated came in around \$100. A pretty fair price point and it provides a wealth of information. Learning curve could prove challenging to an inexperienced user but in the right hands this could be a very useful tool.

Gabe Creech –WD9CG –DeKalb Co. Several of our members attended the virtual Skywarn training sessions that were put on by the National Weather Service this month. We also held our 5 ARES Nets for the month of October.

Marv Gilliland –KC9RVL –Delaware Co. Muncie Area ARC resumed meeting in person after finding an alternative venue at the American Legion that was open for meetings. Previous venue of Muncie Public Library has not allowed meetings since Covid restrictions started. EmComm ECI ARC held their monthly meeting as scheduled.

George Boaz –KD9GHA -Hancock Co.

Activities this month included outdoor siren observation, the monthly EMA meeting, and the monthly Auxiliary Communications group meeting. We also had a very interesting meeting with the administrator for MESH concerning how they would assist us during a mass casualty incident.

Don Somerville –KD9DHJ –Hendricks Co.

Nov. 3, 2020 Don Somerville, KD9DHJ, Hendricks Co. Weekly/Monthly Nets: We have resumed our weekly Tuesday night ARES Nets on the 147.015 MHz and had good participation during the month of October. We accumulated just over 50 hours of airtime. We held our monthly QSY net on 9/29 with amateurs changing frequencies for check in and 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 on October 13th. 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. Our hospital nets are still on hold due to construction at IU West and the Corona virus in general. We hope to get things back up and running early 2021. Community Events: HCARES participated in the Hendricks County Halloween patrol on the 31st. We had 10 ARES members deployed to 10 different subdivisions within Hendricks County at the request of the Sheriff. We logged over 25 hours patrolling the neighborhoods without any issues. A ghoulish time was had by all. Training: There was a Hendricks County ARES New Member Orientation Class, on Saturday October 24, 2020. This class was held for those who became a new member within the past year. Details were announced during our regular Tuesday night nets. General: There is a New Ham Radio Club in Town, the Danville Community Amateur Radio Club (DCARC). It's 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. The second meeting in October saw some new members show up. If you are interested in a club that has more member involvement and participation, please check them out. The Hendricks County health AM radio has been permanently located in the penthouse level of Hendricks Regional Hospital in Danville, IN. It was and will be used for any health-related emergencies and any other emergencies as requested. We are working with the health department representatives to see about replacing the mobile antenna for a permanently mounted one. Stay safe, be prepared! 73, Don

Jeff Davis –K4BXX –Henry Co.

We had a short leadership meeting this month after being away for a while. 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.

The COVID-19 restrictions is taking its toll on meetings and meeting each other in person. This next month we should have short SET with our ARES members and interested hams. I would like to include WINLink in part of the SET.

Brian Sexton –KD9EDR –Kosciusko Co.

We had a great SET this month working with the Indiana Guard Reserve. We supported communication for a simulated search and rescue operation. We were located in the field at the armory, and the county

EOC. We learned a lot about ourselves as a team as well as about working with another organization. I hope to build on this and expand our partnerships with other organizations.

Bill McAlpin –WD9GIU – Miami Co.

We just received three grants totaling \$6,756.00. We will be permanently installing Kenwood TM-D710-G mobiles at three outlying volunteer fire stations. This will give us solid APRS coverage for all of Miami County. We also will use the grants for two Go-Kits with TM-D710G mobiles and Carry Cases with computer storage.

Steve Jewell –WR9G –Scott Co. The Scott County EMA Group conducted a VE Session Saturday, October 10th at the EOC. We had seven candidates come in for testing. Four successfully passed their Technician exam and the General operator passed his Extra Class exam. The next testing session is scheduled for December 12th at 11:00 AM. 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. 6 nets, 3 analog and 3 digital nets. 2 nets canceled due to lighting. Jason Chandler – KD9PVC –Switzerland Co. Just got Switzerland County arc going. We have about 16 members so far. I have 5 that want to do ARES. We are going to see about getting them trained soon.

Len Schmitt –N9QVQ –Vanderburgh Co. Vanderburgh County AUXCOMM continues preparation for the November 14th Red Cross Drill, which will double as our Fall SET. The exercise is based on a severe winter weather event known as a Polar Vortex that could have significant impacts on large parts of the country. Over 600 hams from all over the country have signed up for this event. Once again, I will be acting as Divisional Clearinghouse for the North Central division of the Red Cross. Messages will be passed on both the national and local level using Red Cross ARC-213 forms. There have been weekly practice messages to get folks to at least a minimum proficiency using Winlink Express and ITS forms. Our own K9KDJ Kenneth Johnson has set up an HF RMS for Winlink as well as a 2m VARA FM/Packet RMS for Winlink, giving us more options locally to send Winlink messages. Mark Thienes KC9TYA is getting close to having a portable RMS setup that could be used to bring Packet/VARA FM capabilities right into or next to a disaster area. This device could be deployed with our mobile communications vehicle, which has satellite internet capabilities, to give us a Winlink connection even in the direst circumstances. Speaking of VARA FM, those who've tried it locally are very impressed with its speed which is much faster than 9600b packet. VARA FM (as well as packet) can be set up by anyone with a 2m radio, computer and an external soundcard like the Tigertronics Signalink or Master's Communications DRA series external soundcards. We are blessed to have folks like Mark and Ken who are working to make this new mode available in our area.

David Ofansky –K9DWO –Vigo Co.

We participated in the ARRL national SET this year on October 3<sup>rd</sup>.



Mike Laboyteax–KB9ML –Wayne Co,

Our community events seem to be canceled before they are planned. Attendance at meeting have been growing but still not up to pre-shutdown levels. We are planning another Tech class in January. Maybe even a general class? Hope everyone has A happy and safe Thanksgiving. 73'sEd Scott –K9EJS – Whitley Co.Net, Siren Testing, and a test Session was the only thing that kept members busy this month.

### **Official Emergency Station Reports**

Vernon –NA9L –Morgan Co. Morgan Co. I checked into the Morgan County, Hendricks County ARES nets. I checked into the Indiana Traffic Net. I checked into the Brown County ARES, Bloomington ARC, Johnson County ARES Nets. I received and sent Routine traffic on the ITN .

Jimmy Merry, Jr –KC9RPX –Monroe Co. Total hours: 9 - Most of the hours for October was spent with net activity as net control station from Monroe Co ARES net, Owen Co ARES net, Assisting Greene Co. with their Tuesday night nets, and morning CoCoRAH's nets and also the Thursday night net for Bloomington.

Mark Thienes –KC9TYA-Vanderburgh Co. Indiana Section ARES Net meets every Sunday at 1700 Eastern. 3.900 +/-LSB Hear what others are doing in the State of Indiana. Please join us. Indiana Winlink Wednesday, training in the use of Winlink. Sending Forms, Bulletins, Weather notices, etc. We encourage doing this, without using the Internet. If you are interested in learning more about Winlink, and joining our group, feel free to send me a message. KC9TYA@arrl.net, or KC9TYA using Winlink. I hope everyone has a nice Fall, and a great time to get ready for Winter.

Don Evilsizor–KA9QWC –Whitley Co. Training on INDIANA WINLINK WEDNESDAY sessions continue with various challenges offered by leaders to practice sending out various ICS forms using a radio to initiate replies, acknowledgements, or other tasks. Participants can use VHF or HF in these exercises. Thanks to N9QCL & KC9WBR for spending many hours at my QTH this month repairing & replacing antenna's, coax and routing feed lines.

### **ARRL – INDIANA SECTION TRAFFIC MANAGER REPORT**

Greetings all, Welcome to late fall in Indiana where you can never tell from one day to the next what the weather will be! I have already seen a few snowflakes in this part of the state Ugh! As predictable as band conditions are i can tell the lower bands are going into winter-time mode. Quieter bands and less static mean easier traffic handling. Don't forget we are likely to start receiving holiday greeting radiograms as traffic to handle. Nice break from the routine traffic. As always keep up the great work and I look forward to hearing you on the nets I am able to make.....73!

BRIAN G JENKS W9BGJ  
ARRL ASSISTANT SECTION MANAGER INDIANA SECTION  
ARRL SECTION TRAFFIC MANAGER INDIANA SECTION  
ARRL OFFICIAL RELAY STATION  
[w9bgj@arrl.net](mailto:w9bgj@arrl.net)



**INDIANA STM REPORTS OCTOBER****2020****HF NETS**

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
INDIANA SECTION ARES	KC9TYA	37	0	105	4
IDTN	K9JAJ	190	58	382	22
ITN	N1LL	1848	120	1326	62
QIN	K0TQ	90	68	278	31
INDIANA WINLINK	KC9TYA	66	0	1980	4
TOTALS		2231	246	4071	123
NETS REPORTING	5				

**INDIANA STM REPORT OCTOBER 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	0	0	20	130
W9EEU	40	7	30	0	0	20	97
TOTALS	160	167	130	0	0	60	517
STATIONS REPORTING	5						

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

STATION	TYPE	ORIGINATED	RECEIVED	SENT	DELIVERED	TOTALS
W9BGJ	ORS	0	90	90	0	180
KA9QWC	ORS	0	10	29	5	44
AB9ZA	ORS	0	59	41	13	113
K0TQ	SAR	16	75	60	3	154
N1LL	ORS	9	170	125	3	307
NA9L	ORS	1	1	2	2	6
W9EEU	ORS	0	1	3	0	4
W9PC	ORS	0	4	0	8	12
K9ATP	ORS	3	14	19	15	51
W9MGB	ORS	4	4	20	17	45
K9ATP	ORS	0	9	9	5	23
TOTALS		33	437	398	71	939
STATIONS REPORTING		10				

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

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
BARTHOLOMEW CO ARES	K9JAJ	29	1	101	4
BARC NET	KC0RPX	73	17	66	5
CASS CO ARC	KA9BYN	76	0	130	5
CLAY COUNTY	W9EEU	37	0	60	4
CROSSROADS DMR	K9NQW	130	0	128	4
D STAR NET	K9NQW	79	0	132	5
DEKALB CO ARES	WD9GC	81	0	89	5
HENDRICKS CO ARES	KD9DHJ	131	0	210	5
HOOSIER HILLS ARC	WD9EWF	55	0	29	5
HUNTINGTON CO NET	K9BME	93	0	194	5
IMO NET	K9SKS	513	3	354	31
JEFFERSON CO	N9XVB	26	0	49	5
KOSCIUSKO CO EMG NET	KC9AYT	131	0	106	4
MID STATE ARC	K9DY	183	0	178	4
MONROE CO	KC9EVU	77	31	79	4
MORGAN CO ARES	N9JPX	77	0	100	4
NORTHEAST INDIANA PACKET NET	KA9QWC	26	3	125	3
OWEN CO ARES	K9EOH	25	0	54	6
SCOTT CO ARES/RACES	WR9G	53	1	83	4
SOUTH CENTRAL AREA	KA9OPL	58	0	107	4
TARS EVANSVILLE	KE9YK	162	4	281	13
TRI STATE 2 METER	W9OU	354	0	442	22
VIGO CO ARES	K9WDO	8	0	10	1
WCARC SUN NET	KA9QWC	22	3	73	3
WHITLEY CO ARES	W9NNH	30	0	75	4
21 REPEATER GROUP	KA9QWC	34	4	69	4
		2563	67	3324	163
NETS REPORTING		26			

## November Report for D/Star and DMR

### DMR

Date	Net Control	QNI	QTC	QTR	Time Began	Time Ended	Freq
10/05/20	KC9OYW	27	0	21	20:00	20:21	442.750(+)
10/12/20	KC9OYW	30	0	30	20:00	20:30	442.750(+)
10/19/20	W9DDX	34	0	30	20:00	20:30	442.750(+)
10/26/20	K9NQW	39	0	47	20:00	20:47	442.750(+)

Sessions:	4	Total:	130	Total:	Total:	128
Month of Report:	October 2020					

### D-Star

Date	Net Control	QNI	QTC	QTR	Time Began	Time Ended	Freq
08/01/20	K9NQW	17	0	28	20:00	20:28	443.400(+)
10/08/20	K9NQW	21	0	31	20:00	20:31	443.400(+)
10/15/20	KA9OPL	16	0	28	20:00	20:28	443.400(+)
10/22/20	KA9OPL	12	0	24	20:00	20:24	443.400(+)
10/28/20	K9NQW	13	0	21	20:00	20:21	443.400(+)

Sessions:	5	Total:	79	Total:	Total:	132
Month of Report:	October 2020					

### NOTE:

QNI – Total Number of Check-ins

QTC – Total Traffic

QTR – Total Minutes

# Technical Specialist Coordinators Report

## Chris Frederick - KQ9Y

Follow up on two previous reports: Local Ham wanted on 160M. Yard size limited length. No space for dipole. Using Pythagoras's theorem ( $a^2 + b^2 = c^2$ ) he figured the 40 foot tower as the "a" side, a tree out about 75 feet as the "b" side, would easily support the rope supported end insulator of the Sloper antenna for the "c" side. Wire coil and RF isolator feed point mounted at 40' AGL, sloping 70' wire antenna and rope tied off to the tree high enough to mow under, and he states he is "working the world." Problem solved. Tuner might give him a couple other bands.

2d problem was high noise level on HF traced to new build home AC feed from the power company. Pole riser 240VAC feed placed by contractor for power company to tie into transformer. Neutral clamp on customer side of meter base slightly loose. Arching under humid conditions. Power company RF guys sure have some neat "toys" to help localize interference. Thermal imager showed hot spot at loose clamp. Cheap little AM/FM radio also used to listen to buzzing disappear. Play nice with the power guys!! They are our friends. S-7 noise now S-2 on 40M.

## Mark Skowronski K9MQ

I was invited to give a presentation to the engineering class at Illiana Christian High School about amateur radio, APRS, and our upcoming high-altitude balloon launch. Lot of topics were covered, and it looks like we might be trying some different things. Due to some COVID related issues, the launch is being postponed until the spring.

The Lake County Amateur Radio Club requested assistance with streaming the presentation from our in-person club meetings. After doing some research, I decided to stream with YouTube. It turned out to be quite successful for us with the number of real time views versus the amount of Zoom participation we have had in the past. I think not having to install any third-party software or having a camera on you, was a large part of why YouTube was more successful than Zoom.

While we are holding physical in person meetings, we are going to try a hybrid model moving forward. Board meetings will be held online via Zoom. Our general club meeting will be held in person, but the presentation will also be streamed on YouTube. Hopefully, this model, allows everyone to participate.

After seeing several of my friends make "Ham Clocks" using a Raspberry Pi and an old computer monitor, I went ahead and made my own. I purchased a Raspberry Pi Zero W and used an old flat screen monitor. Look forward to other projects with a Pi Zero.

## **Roger McEntarfer N9QCL**

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

I worked with Steve Holzinger KC9WBR to replace a UHF/VHF and raise several HF antennas, replace coaxes and reroute all coaxes through PVC pipes under sidewalks and into the ham shack at Don (KA9QWC) & Cathy (WB8ORR) Evilsizor's residence.

I have been Elmering Steve Leisinger KD9QHK getting his radios programmed and working with him in purchasing new radios and antennas to get his set up at home and in his mobile.

I finally found a guy with a 75-foot lift to fix my Windom 160 and also a camera that is mounted below my top antenna at about 50 feet. My antenna work is completed for this year. I hope to build and test out several HF wire antennas and possibly a HV vertical antenna next year.

The Whitley County Amateur Radio Club W5YI Team held a special test session on Saturday, October 24, 2020. The W5YI Team members present were Deb Smith/N9NNU, Jim Smith/N9FGN, Steve Holzinger KC9WBR, Mike Wright/KD9FJP, David Shakley N9FGP, Gene Languell KD9KMF and Roger McEntarfer N9QCL.

Eight people showed up for the October test session and six 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:

Dakotah I. Alumbaugh - Technician Class – Anderson, IN

Kyle S. Becker - Technician Class – Fort Wayne, IN

Steven R. McAfee - Technician Class – Fort Wayne, IN

### Upgrading Hams are as follows:

Scott A. Abbott/KD9QHG - General Class – Huntertown, IN

Robert S. McKnight/KD9MGZ - General Class – Churubusco, IN

Douglas B. Pritchett/KB9YKP - General Class – Fort Wayne, IN

The next W5YI Test session will be held on Saturday January 30, 2021 from

9:00 to 11:00 AM, at the St Paul of the Cross Deacon Joe Building, gymnasium, 215 S Line St, Columbia City, IN.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday November 12, 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 Grounding & Bonding, presented by the American Radio relay League (ARRL).

All WCARC General Meetings are open to the Public

### **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 throughout 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 run 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.

### **Tom Busch WB8WOR**

Fielded a question concerning the kits we put together for Kid's Day. The VOA radio club would like to start doing some radio activities at the Bethany Relay Station.

Received a question from Wonder lab asking if radio plays a part in spy gear. This would be to tie into their Spy Technology online events. I replied with some topics like Spy Numbers stations and Theremin's "The Thing". We will see if we can create some material for them.

### **No Activity to Report**

Lou Kruizinga N7BBW

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

### **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 Quaker 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

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 Amateur Radio Club (WCARC) General Meeting on October 8, 2020, the Whitley County W5YI Test Session October 24, 2020, the Whitley County W5YI Test Session Results for October 24, 2020, and the Whitley County Amateur Radio Club (WCARC) General Meeting on November 12, 2020.

The Whitley County Amateur Radio Club W5YI Team held a special test session on Saturday, October 24, 2020.

The W5YI Team members present were Deb Smith N9NNU, Jim Smith N9FGN, Steve Holzinger KC9WBR, Mike Wright/KD9FJP, David Shakley N9FGP, Gene Languell KD9KMF and Roger McEntarfer N9QCL.

Eight people showed up for the October test session and six 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:

Dakotah I. Alumbaugh - Technician Class – Anderson, IN

Kyle S. Becker - Technician Class – Fort Wayne, IN

Steven R. McAfee - Technician Class – Fort Wayne, IN

Upgrading Hams are as follows:

Scott A. Abbott/KD9QHG - General Class – Huntertown, IN

Robert S. McKnight/KD9MGZ - General Class – Churubusco, IN

Douglas B. Pritchett/KB9YKP - General Class – Fort Wayne, IN

The next W5YI Test session will be held on Saturday January 30, 2021 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.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday November 12, 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 Grounding & Bonding, 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](#)

73

Roger McEntarfer/ N9QCL

Whitley County Amateur Radio Club President

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

⌘  
The ARISS team wanted to make it easier for people to know what mode the new Interoperable Radio System (IORS) is in -- the IORS is the new ham station on the International Space Station. Here's how to easily know.

All it takes is to click a tab on ARISS's home page. At: [www.ariss.org](http://www.ariss.org) ... then look under the masthead, spot the tabs, hover over "General Contacts" for a dropdown box, and click the 2nd box: "Current Status of ISS Stations."

A bunch of details are there about the ham station, and right now the first two pieces of information say:

- IORS (Kenwood D710GA)-STATUS-VHF packet system (145.825 is active).
- Radio planned to be powered off on November 30 to support COL (ISS Columbus module) GFI testing.

A person can go back to hover over the "General Contacts" tab and click the 1st box: "Contact the ISS". Scroll down a bit--see the VHF packet frequency: VHF Packet Uplink and Downlink: 145.825 (Worldwide). Scroll a touch further to see:

There is one radio on the ISS that operates as a packet digipeater. The Columbus D710GA can support those operations at about 10 watts and uses NA1SS. It will respond to the alias "ARISS."

de Rosalie White, K1STO  
ARISS-US Delegate for ARRL