

ARRL - Indiana Section October 2019 Newsletter

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"To promote and advance the art, science, and enjoyment of amateur radio".

Remembering friends that we'll miss....Thoughts and prayers for their family and loved ones Wade C Kingery W9JGZ – Anderson SC (formerly of Indianapolis) Oct 2017



For silent key notice to be placed in the newsletter, please forward a copy of the obituary notice directly to Jimmy Merry, at jmerry@arrl.org. For Silent Key notice inclusion in QST, please follow the instructions at: jmerry@arrl.org. I will be glad to send in for publication in QST if you provide me with the required documentation.

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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 Steven Jones, W9SMJ, State Government Liaison Andrew Murrey, N9AWM, Section Youth Coordinator

Greetings from the Section Manager's desk...

Greetings Indiana Ham's,

I had the opportunity to attend the ARRL Central Division convention in Milwaukee and visit with section managers and assistant section manager from Illinois and Wisconsin. The convention was hosted this year by the Milwaukee Radio Amateurs Club, in honor of their 100th year as an ARRL affiliated club and held at Ham Radio Outlet. We shared a lot of suggestions and comments between us, I believe things are looking positive for amateur radio. We all had the opportunity to visit with new Chief Executive Officer of ARRL, Dr. Howard Mickel, WB2ITX. After listing to Dr. Mickel, I left feeling very positive about the future of amateur radio. Mickel, has a lot of neat ideas that he shared with us.

I setup an INARRL set up at booth at the Monroe County Fall Festival for Education Day September 20th and demonstrated how amateur radio used during various events such as Skywarn, special events, and everyday rag chew. We kind of used the tin can on a string method by simplex frequency and took turns hiding in the park out of sight. We talked with elementary and middle school aged children, allowing them to hold a hand-held radio and let the children ask questions about things that interested them, and their thoughts about what amateur radio is used for. We showed them a video about Skywarn and offered ARRL handout publications. We also shared the materials and information with parents and teachers. Some of the children, as well as their parents were interested in testing to get licensed soon. The highlight of the day was when the principal of Edgewood Middle School asked me if I'd be willing to do a presentation about what amateur radio is and it uses this spring.

Assisting with the event was Bob Chattin, WD9FEG, Russ Ryle N9DHX, Evelyn Ryle KA9SAW, Jimmy Merry KC9RPX, and my mom Harriett Merry, even joined in on the fun.







Upcoming special events

October 21 - 25 School Club Roundup Week

http://www.arrl.org/school-club-roundup

73, Jimmy Merry, KC9RPX IN Section Manager Jmerry@arrl.org



Section Emergency Coordinator Report

The fall seems to be very busy for us with a lot of Public Service Events. In September there were 12 events reported. These events are a great way to put Amateur Radio on display for the public. They are also a great way to hone our craft and practice good Net Etiquette. Remember the A,B,Cs of emergency communications: Accuracy, Brevity and Concise

I have received several queries regarding the Statewide SET. Our intention was to schedule the Statewide SET this fall. That being said, the State Communications Tech position is vacant. The state is attempting to fill the position. As my goal is to work with digital modes (WINLINK) with the state we decided to postpone the Statewide SET until the Spring. By all means, I encourage you to participate in a local SET this fall.

The Section Convention will be held at the Fort Wayne Hamfest next month. I look forward to seeing many of you there.

Thanks for your service to our communities!

Jim Moehring, KB9WWM

Section Emergency Coordinator Amateur Radio Emergency Service Indiana Section

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

Current Open District Emergency Coordinator Positions: District 1, 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, Crawford, Delaware, Dubois, Elkhart, Fayette, Floyd, Fountain, Franklin, Fulton, Gibson, Greene, Huntington, Jefferson, Knox, LaGrange, Lake, Lawrence, Marshall, Martin, Noble, Ohio, Owen, Perry, Pike, Porter,

Posey, Pulaski, Rush, St. Joseph, Shelby, Sullivan, Switzerland, Tippecanoe, 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 to express your interest.

Reporting DEC's

N1LL, KB9WWM, KC9RVL, K9DUR, N9KL

Reporting EC's (31 of 47)

KB9WWM, K9JAJ, W9DBA, KV9N, KB9OIC W9EEU, K9PLG, KC9ELU, KD9KMG, n9gtl N9CWW, KB9DJA, N9JIN, N9SIU, AB9ZA Kc9gfo, W9GNR, WD9GIU, K9TEM, N9ZTB, N9JPX, W1MKZ, KB9RZK, WR9G, W9DRB KC8OBH, W9DAC, W9COD, W9VKD, KB9ML K9EJS

Reporting Official Emergency Stations

NA9L, KC9TYA, KA9QWC, N1LL

District Emergency Coordinator Reports

<u>Jim Moehring – KB9WWM – District 3</u>

We are still looking for ARES ECs for Adams, Huntington, Lagrange, Noble and Wabash counties. Please contact KB9WWM at KB9WWM@arrl.net if interested.

Marv Gilliland - KC8RVL - District 6

September was a very busy month for Ham Ops in East Central Indiana.

We had 24 Ham Radio Operators providing comms for the annual White River Cleanup event in Delaware County. There were over 500 volunteers registered, cleaning approx. 12 miles of the river this year.

Ham Ops volunteers were from Grant CO ARC, Blackford CO ARC, Randolph Co ARC, and Delaware Co clubs Muncie Area ARC and EmComm ECI ARC.

We had Net Control Ops Headquarters in a Command Trailer provided by N9CZV, David Epley. There also were operators in 4 Kayaks, 1 ATV Rover, Ops on 4 Busses, and 15 operators either walking with cleanup groups or in fixed locations supporting the event. Our operators assisted with 1 case of Hypoglycemia, 1 case of dehydration and weakness, as well as providing support for an accident victim who was not affiliated with the cleanup on a walking route.

This event has great public exposure, and is a great exercise for emergency situation that utilizes Tactical Call Signs.

Thanks to the 24 Operators whom assisted this year, nearly all of which have assisted for several years!

I also attended the Muncie ARC Monthly meeting, and Ham picnics hosted by the Grant and Blackford Co ARCs, as well as one hosted by Randolph Co ARC. Turnout was good for both picnics.

I have completed all ARRL required ARES courses for Level 3.

Alan Scott - N9KL - District 5

Served as communications evaluator for full scale exercise. Continuing to work with IDHS on planning for statewide SET (IDHS to fill communications technician position by January). Received communications award from Marion County CERT.

Emergency Coordinator Reports

Jim Moehring – KB9WWM – Allen Co.

The Allen County Team supported 2 community events in September, The American Heart Association Heart Walk and the Fort4Fitness Fall Festival. Preparations are underway to support the IT-100 100-mile trail run in October.

<u>Scott Nelson – W9DBA – Brown Co.</u>

During September there were 4 scheduled ARES nets conducted on 147.300 + PL 136.5 with 37 check-ins lasting for 76 minutes.

Daniel McDonald – KV9N – Cass Co.

All activity from regular net

JW Temple II – KB9OIC – Clark Co.

Clark County ARES had their first remote meeting trying to get everyone who would like to be an ARES member come join on the call. The idea was to get more volunteers interested in joining for those in the county that could not physically attend for various reasons. The discussion topic was Hotspots.

Gary Adams – W9EEU – Clay Co.

We participated in the INPOTA event. Made contacts with other areas but Indiana parks were scarce. We heard one park check into the ITN and that was the extent of our parks. Still has a fun day at Shakamak State Park.

Clark Whitehouse - N9CWW - Harrison Co.

Sept. 2019. 42 check in's Had 98 mins of airtime.

Ron Burke - KB9DJA - Hendricks Co.

This month started out with HCARES participating in the Hendricks County Emergency Communications Seminar in which I gave a presentation to the county's different agencies that would be active during an emergency/disaster about how amateur radio would play a part of and assist in providing auxiliary emergency radio communications.

Our SET this year simulated an airplane crash at or near the Walmart in Danville. We had a ham operating from the County EOC, from Walmart parking lot, and from each hospital in the county.

The next weekend, we assisted the town of Plainfield Chamber of Commerce and the Plainfield Police Dept. with the Chamber's sponsored Quaker Day Parade. This year the parade route was on a major Federal Hwy, U.S. 40 (Main St.) on Saturday; on the next day Sunday, the HCARES AEC's participated in the town of Brownsburg with their Brownsburg Safety Fair which was sponsored by the Brownsburg Fire Territory. Here we setup our public display table and booth to educate the public of who we are, and what we do as a service for the county, and communities within.

F. Gary Sherman - W9GNR - Madison Co.

Madison County had a relatively quiet September. Fortunately, we had no Storm Net Activations. Madison County Amateur Radio in conjunction with Madison County EMA Outreach and the 911office had a presence at the Franklin Heritage Days. Our members combined for a total of 76 hours explaining and answering Amateur Radio questions and explaining our involvement with the County EMA, A.R.E.S. and R.A.C.E.S. A lot of attention was also given to the explanation of Project Lifesaver and Amateur Radio involvement in the program. As of the end of September, Madison County Communication Division has volunteered 1,876 hours

September VE testing resulted in 2 new Technicians and 2 Amateur upgrades to Extra licenses. To date, Madison Volunteer Examiners have tested 39 candidates resulting in 22 new Hams and 14 upgrades, averaging 6 Volunteer Examiners at each session.

<u>Tom Myers – K9TEM – Monroe Co.</u>

Several Monroe County ARES members attended the monthly Bloomington Amateur Radio Club meeting on Friday, September 6, to hear Tom Henderson, W9YW talk about digital radio modes. There were four weekly ARES Monday Night nets and a monthly county warning siren test. Many of our members also attended the Bloomington-Monroe County Hamfest at the Monroe County Fairgrounds on September 28.

Chad Wilson - W1MKZ - Newton Co

We wrapped up a great season of 3k, 5k, 15- and 25-mile runs, walks, and bike rides. We will continue to evaluate and train with our eyes set on next year.

Steve Jewell – WR9G – Scott Co.

The Scott County EMA Group will hold a VE session Saturday, October 12th at 11:00 AM. Sessions are normally held on the 2nd Saturday of every even numbered month. Walk-Ins are welcome. The testing location is at the Bacala Center, 69 E Wardell St, SE Corner of Courthouse Square, Scottsburg IN 47170. For more info email: steve@wr9g.net or visit www.wr9g.net/links.

<u>Peter Crasher – W9DRB – Spencer Co.</u>

10 Nets, 5 analog and 5 digital

MD Metz – KC8OBH – Starke Co.

We will support the Red Cross in Starke county. One new member volunteered to help and join the Red Cross

Mike Laboyteaux - KB9ML - Wayne Co.

We participated in the Preble County Pork Festival this month. We parked cars for this major event. Communications proved to be key to a good flow during the parking of well over 1000 cars each of the two days of the event. Fun was had by all; the food was good too.

Edward Scott - K9EJS - Whitley Co,

Whitley County ARES Members spent their month attending the weekly ARES Net, assisting with the Early Warning Siren Testing, and planning for SET. The scheduled meeting was postponed to October 3rd due to scheduling issues. We've been asked to be present at the 2019 Veterans Day Marathon in November, which will be the first time ARES has been asked to be part of it. Plans are in the works for SET currently scheduled for the first weekend in November and will be dual county exercise. Members are utilizing ARES Connect fully and I was able to use it to run reports this month for hours, so much easier!

Official Emergency Station Reports

<u>Vernon Austermiller – NA9L – Morgan Co.</u>

I checked into the Morgan County, Hendricks County nets. I checked into the Indiana Traffic Net

<u>Mark Thienes – KC9TYA – Vanderburg Co.</u>

The Indiana Section ARES Net is held on Sundays at 2100Z, on or about 3.900. We welcome all ARES, RACES and AUXCOMM members, or anyone interested in Emergency Communications. I Participated in an NWS Webinar in September. Refreshing

courses are always good to have.

Our TARS Club is having a tour of the 911 Dispatch Center in October as our Club Meeting.

Looking forward to Fall. Hope everyone has a great October.

Don Evilsizor – KA9QWC – Whitley Co.

Received radio traffic and EOM reports from Kosciusko, Noble and Whitley counties to relay to our STM via VHF Packet. Participated in Sunday ARES HF nets representing OES for District 3 Whitley County.

Worked with 21-Repeater Club team in Albion, IN. KC9WBR, K9ITC and N9WLW tested a vertical HF portable antenna in the parking lot. This test was conducted due to problems with RFI caused by the adjacent railroad at north end and power lines on the south side of the building in the Noble County EOC HF radio position. This test indicated moving a HF antenna away from the EOC will permit much better performance when needed.

Participated with the INPOTA team at the Chain O Lakes Park in Noble County September 7th with Park Number IN002 Chain O Lakes - John WG9K put up two HF operating stations with a nice public display.

INDIANA ARES BY THE NUMBERS

Total ARES Members reported: **628** Number of reporting ARES EC's: **31**

Number of reporting OES's: 4 Number of reporting DEC's: 5 Number of ARES Nets: 119

Number of Nets with NTS Liaison: 37

Number of exercises, and training sessions: 55

Person Hours: **779.64**Public Service Events: **12**

Person Hours: 449

Emergency Operations: 1

Person Hours: **15** SKYWARN Nets: **0** Person Hours: **0**

ARRL SECTION TRAFFIC MANAGER INDIANA SECTION

Greetings everyone and thanks to all that have reported this month! Traffic is holding steady in the section as we head into fall and a little better condition for our low bands the mainstay for long distance traffic flow. As my report will reflect, we continue to be a leader in the country for NTS representation and we can all take pride for a job well done in that! For those of you new to NTS or just one's that would like to meet with some of your fellow traffic handler's and friends there will be an NTS Forum/Meeting at the Fort Wayne Hamfest and Indiana State ARRL Convention on Saturday November 16th in the Red Room at

The Allen Co Memorial Coliseum. Hope to see many of you there! It promises to be a fun weekend as always. Until Next month 73!

BRIAN G JENKS W9BGJ ARRL ASSISTANT SECTION MANAGER INDIANA SECTION ARRL SECTION TRAFFIC MANAGER INDIANA SECTION ARRL OFFICIAL RELAY STATION w9bgj@arrl.net

INDIANA STM REPORT SEPTEMBER 2019								
VHF/UHF NETS								
NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS			
BARTHOLOMEW CO ARES	KA9OPL	27	0	63	4			
CASS CO ARC	KA9YBN	22	0	51	4			
CROSSROADS DMR	K9NQW	81	0	109	5			
D STAR NET	K9NQW	50	0	97	4			
DEKALB CO ARES	KD9KMG	56	0	71	4			
HOOSIER HILLS ARC	WD9EWF	45	0	26	4			
HUNTINGTON CO NET	K9BME	45	0	138	5			
IMO NET	W9BGJ	224	4	218	31			
JEFFERSON CO	N9XVB	13	0	30	3			
KOSCIUSKO CO EMG NET	KC9AYT	85	1	86	4			
KOSCIUSKO CO ARES	KC9NWM	54	3	102	8			
MADISON CO ARES	W9GNR	26	0	94	4			
MID STATE ARC	K9DY	254	0	233	5			
MONROE CO ARES	K9TEM	94	0	102	5			
MORGAN CO ARES	N9JPX	78	0	92	4			
NE INDIANA PACKET NET	N9WNH	32	4	210	4			
OWEN CO ARES	K9EOH	26	0	36	4			
SCOTT CO ARES/RACES	WR9G	56	4	72	4			
SOUTH CENTRAL AREA	KA9OPL	33	0	98	4			
TARS EVANSVILLE	KE9YK	61	2	51	4			
TRI STATE 2 METER	W9OU	194	0	302	13			
WCARC SUN NET	KA9QWC	25	5	79	5			
WHITLEY CO ARES	W9NNH	32	0	103	4			
21 REPEATER GROUP	KA9QWC	33	1	69	4			
		1646	24	2103	140			
NETS REPORTING	24							

INDIANA STM REPORT SEPTEMBER 2019 PUBLIC SERVICE HONOR ROLL								
STATION	SESSIONS	MESSAGES	APPTS	PUB SVC	EMG RES	DIGITAL	TOTAL	
W9BGJ	10	40	40	0	0	10	100	
KA9QWC	40	40	30	0	0	10	120	
K9DUR	40	18	30	0	0	20	108	
AB9ZA	28	40	20	0	0	0	88	
N1LL	40	40	30	10	0	20	140	
TOTALS STATIONS	158 -	178	150	10	0	60	556	
REPORTING	5							

INDIANA STM REPORTS SEPTEMBER 2019	July 2019				
HF NETS					
NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
INDIANA SECTION ARES	KC9TYA	37	0	130	5
IDTN	K9JAJ	155	42	345	21
ITN	N1LL	1330	78	1083	60
QIN	K0TQ	77	23	207	30
TOTALS		1599	143	1765	116
NETS REPORTING	4				

INDIANA STM REPORT SEPTEMBER 2019 ORS AND SAR STATION REPORTS								
STATION	TYPE	ORGINATED	RECEIVED	SENT	DELIVERED	TOTALS		
W9BGJ	ORS	0	142	142	2	286		
KA9QWC	ORS	0	22	40	17	79		
AB9ZA	ORS	0	50	46	4	100		
K9DUR	SAR	0	5	8	5	18		
W9MGB	ORS	6	6	14	13	39		
K0TQ	SAR	51	70	51	7	179		
N1LL	ORS	8	83	53	8	152		
W9PC	ORS	0	10	10	1	21		
NA9L	ORS	1	1	1	0	3		
TOTALS STATIONS		68	389	365	57	877		
REPORTING		9						

North East Indiana Packet Net (NEIPN) Sunday's @ 9 PM EDT via BPQ Chat Mode (locally on 145.53 MHz) QTC=4 QTR=210 Sessions=4

Reported by: Don Evilsizor KA9QWC NEIPN Net Manager

73, Dan M. Dahms N9WNH Indiana Section ARRL Packet Net Manager

Monthly Report for D/Star and DMR

DMR

Date	Net Control		QN I		QT C		QTR	Time Began	Time Ended	Freq
09/02/19	KC9OY W		13		0		15	20:00	20:15	442.750(+)
09/09/19	W9DXX		17		0		26	20:00	20:26	442.750(+)
09/16/19	W9DDX		15		0		24	20:00	20:24	442.750(+)
09/23/19	KC9OY W		17		0		21	20:00	20:21	442.750(+)
09/30/19	K9NQW		19				23	20:00	20:23	442.750(+)
Sessions :	5	Total :	81	Total :	0	Total :	109			
Month of Report:	09/19									

D-Star

Date	Net Control	QN I	QT C	QTR	Time Began	Time Ended	Freq
09/05/19	K9NQW	14	0	28	20:00	20:28	443.400(+)
09/12/19	K9NQW	12	0	25	20:00	20:25	443.400(+)
09/19/19	KA9OPL	13	0	21	20:00	20:21	443.400(+)

08/26/19	KA9OPL		11		0		23	20:00	20:23	443.400(+
Sessions :	4	Total :	50	Total :	0	Total :	97			
Month of Report:	09/19									
NOTE:										
QNI – Total Nur Check-ins	mber of					y Merry – x@gmail.o	com			
QTC – Total Traffic						Jenks – 1968@gn	nail.com			

Technical Specialist Coordinator

Mark Skowronski K9MQ

QTR - Total Minutes

I received an inquiry about using a flagpole as an HF antenna due to the person living in a HOA community. Besides sharing my experiences with using a flagpole as an antenna, I also was able to suggest other HOA friendly antenna options.

Tom Busch WB8WOR

I attended the Bloomington Hamfest, where I brought three-penny radio kits as an activity. The radio design works well, but I only got a few "Huh. That's cute" from passers-by.

I have a few notes and suggestions, and next year, I hope to take some of these lessons learned and have a better presentation.

Roger McEntarfer N9QCL

The month of September I added a luggage rack and a motorized luggage rack antenna mount on my 2019 Jeep Grand Cherokee and love it. I also tried it out along with my Go Kit on their first trip and camping/fishing/ham Radio expedition to Shakamak state Park. Everything worked well using HF/UHF/VHF on Voice and Digital modes using battery power.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday October 10, 2019 from 6:00 PM to 8:00 PM.

The meeting will be held in Community Room A & B of the Peabody Library

1160 E. State Rd. 205 - Columbia City, Indiana.

The be Program for the evening will be Show Us Your Shack presented by David Shakley, N9FGP.

All WCARC General Meetings are open to the Public.

The next W5YI Test session will be held on Saturday October 26, 2019 from

9:00 to 11:00 AM, In Community Room A and B of the Peabody Library 1160 E. State Rd. 205 - Columbia City, Indiana.

For additional information visit the Whitley County Amateur Radio Club Web Page at www.wcarc.org, or the Whitley County Amateur Radio Club Group Facebook Page

Dan Caesar NI9Y

High winds and severe thunderstorms caused much damage very close to my antennas. Large trees were uprooted, and power disrupted for days for many residents in Mishawaka and South Bend. Fortunately, we only had branches down and my antennas were spared this time.

160 meters has been open early mornings as expected as we approach Autumn. You can find me at 0545 every day before sunrise on 1.812 then QSY to 3.552 MHz by 0800 hours.

Pete Ostapchuck N9SFX

I'm turning 72 this month and needing to downsize. I take goodies to the club meetings only to find out that most everyone else is downsizing too. In 150 years, I should be showing results.

I did read a good book, "The Telegraph". Other than that, it's just the daily attempt to learn to do Morse code.

Bill Atkinson, NF9K

In honor of the season, I present this ARRL TS Report sprinkled with Pumpkin Spice for your enjoyment:

Answered an email request regarding back-end details of our P25 network. Provided network design diagrams and offered to answer any further questions.

Spend a considerable amount of time working on some Linux bash shell scripts. Here is a summary of each of these projects:

1). c-Bridge Peer/Radio Update (https://github.com/wdatkinson/cBridge-Peer-Radio-ID-Update) - Updating the peer/radio files on a c-Bridge has always been a manual task that the admin had to remember to undertake. He/she was usually prompted by a user emailing to complain that their name did not show up in Net Watch or some other location. The initial version of this script pulled files from DMRX, but they

have since yielded those duties to the folks at the <u>radioid.net</u> website. As mentioned in the documentation, this script can be scheduled to run periodically via Cron.

2). Signal-Server Scripts (https://github.com/wdatkinson/signal-server-scripts) - A couple of months ago during a regional call with various repeater coordinating organizations I was introduced to the Signal-Server project. This software plots RF radiation patterns right on top of Google Maps. The IRC was very interested in this as our current tools are unsupported and quite old. Being that Signal-Server runs on Linux and is open source also addressed the concerns of cost. As mentioned in the documentation, my desire was to build a server that could be used by multiple users (coordinators) without having to have root or sudo privileges.

As always, comments, questions or feature requests are welcome for these scripts. In my desire to share with the amateur community, I decided to make them publicly available on GitHub.

Answered some questions regarding the weather alert capabilities on the DMR network.

Met K9MMQ and KB9CRA for a great breakfast. This presented the opportunity to pick up my 2m cans from Kevin. He was kind enough to let me know when he stumbled across them at the Finley, OH Hamfest. The price was right, and I decided this was a better route for me that continuing to work with my Sinclair Q202 cans that I had. So, I'm on more step closer to putting a 2m P25 repeater on the air. All I need to do is tune the cans and cable things up. My coordination is not official, but I have a couple of options that I should be able to operate on until final coordination is granted.

Worked with K9SVL to get the Shelbyville DMR repeater back on the c-Bridge. I still need to re-program his manager, but hopefully I'll get that done before the weekend.

I believe that covers the high points of the month. Until next time.... 73!

No Activity to Report

Lou Kruizinga, N7BBW Mike Voyles N9FGT

INARRL Affiliated Club Coordinator Report

Greetings to all, there is still a lot happening in 2019. Clubs are urged to keep reporting their happening each month to me at kc9rpx@arrl.net, please send by the 10th of each month. I don't hear from many clubs though. Please send items for events, testing, classes, and other special events to me in a word attachment, as sometimes I might miss things in club newsletters. Still some clubs that need to review their club page on the ARRL website and make sure it contains current information.

Jimmy Merry, Jr. Affiliated Club Coordinator jmerry@arrl.org

Indiana clubs that are over 1 year since last update:

White County (Feb 2018), Henry Co. (March 2018) Clinton Co (March 2018) Central Indiana ARA (Dec 2017)

Porter Co (Jan 2018) Indiana Masonic Home (June 2019)

Ohio Valley (June 2018)

Hoosier Lakes (Jan 2018)

RCA ARC (Aug 2018) Kokomo ARC (Aug 2018) Land of Lakes (Aug 2018)

Ripley Co (March 2018)

Indiana clubs that are over 2 years since last update:

Blackford Co (March 2017) Hoosier Repeater Builders (Jan 2017) Tippecanoe Co (March 2017)

Purdue Univ (Feb 2017) Terre Haute North HS (Dec 2016) Tri County HF (Feb 2017)

Bloomington HS South

School is back in session, and Bloomington High School South ARC is preparing for School Club Roundup, which will be October 21-25. Get on the air and give schools some contacts! Schools get points for every contact once per band and per mode. Here at K9SOU, we will post our frequencies on DX Summit and on Twitter. Visit k9sou.org for our schedule. Thanks to K7JOE and KD9GTU for coming to look at our antenna situation. K7JOE was able to find the problem with the rotor, and we verified that the director isn't moving on the SteppIR. We're also still trying to get a dipole working from the rooftop. A new roof was installed over the summer, so we've had to put things back in place and change our plans a bit.

Neil Rapp, WB9VPG Sponsor, Bloomington High School South ARC

Goshen ARC

The Goshen Amateur Radio Club is inviting all hams in northern Indiana to our November 14 club meeting where Riley Hollingworth, K4ZDH, will be our guest speaker. We meet at 7pm on the Greencroft Retirement Community campus in Goshen in the Community Building. Questions can be addressed to me Sandy, W9JOE at w9joesandy@gmail.com.



ARISS News Release No. 19-14

Dave Jordan, AA4KN ARISS PR <u>aa4kn@amsat.org</u> Oct. 2, 2019

Message to US Educators

Amateur Radio on the International Space Station

Contact Opportunity

Call for Proposals
New Proposal Window is October 1, 2019 to November 30, 2019

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, 2020 and December 31, 2020.** 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 30, 2019. Proposal information and documents can be found at www.ariss.org.

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.-

More Information

For proposal information and more details such as expectations, proposal guidelines and proposal form, and dates and times of Information Webinars, go to www.ariss.org.

Please direct any guestions to 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 and National Aeronautics and Space Administration (NASA). The primary goal of ARISS is to promote exploration of science, technology, engineering, and mathematics (STEAM) topics by organizing scheduled contacts via amateur radio between crew members aboard the ISS and students in classrooms or public forms. 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.

Media Contact:

Dave Jordan, AA4KN

ARISS PR





American Radio Relay League/ 225 Main St. / Newington, CT 06111 / Contact: Greg Widin, chair, Committee on Communication with ARRL Members, gpwidin@ARRL.org

FOR IMMEDIATE RELEASE:

ARRL Creating New Online Groups for Members to Have More Direct Communication with Organizational Leaders

Newington, CT – October 16, 2019 – To enhance and improve communications between the ARRL leadership and staff and the members and prospective members, in a manner that enables both timely updates and collegial discussion, the ARRL's Committee on Communication with ARRL Members is creating online forums where all amateur radio operators (ARRL members and non-members alike) can discuss issues and topics in two-way conversation with ARRL leadership.

This project is based on the success of the online ARRL-LoTW Group for the past several years, in responding to all amateur radio operators' questions and in generating discussions about ways to improve this program. This effort has clearly demonstrated the effectiveness of online Groups as a means of achieving the desired interactivity.

So, the ARRL will be adding three additional online Groups, which will be open to ARRL members and non-members alike:

- ARRL-Contesting moderated by ARRL Contest Advisory Committee Chairman Dennis Egan, W1UE; (https://groups.arrl.org/g/ARRL-Contesting)
- ARRL-Awards moderated by ARRL Radio Sport Manager Bart Jahnke, W9JJ; (https://groups.arrl.org/g/ARRL-Awards)
- ARRL-IARU moderated by IARU Secretary Dave Sumner, K1ZZ; (https://groups.arrl.org/g/ARRL-IARU

The existing ARRL-LOTW Group, which has about 4,750 members, remains hosted by Groups.io, but is now accessible via https://groups.arrl.org/g/ARRL-LoTW.

In addition, everyone who subscribes to an ARRL Group is also automatically subscribed to the "ARRL Groups" group. This is an administrative feature that will allow ARRL to convey routine announcements to subscribers of all ARRL groups, such as an announcement of upcoming downtime for planned maintenance.

ARRL IT Manager Michael Keane, K1MK worked with Groups.io to set up the new groups.

In the months ahead, the Committee envisions creating more online Groups to support two-way communications that focus on additional areas of interest to amateur radio operators, including ARRL activities, services, initiatives, and policies.

It is important to note that the ARRL currently has some "members-only" online forums, including on the topics of Awards and Contesting. While these forums will continue to operate, participants there will be encouraged to post new topics in the new Groups.

Since the aim of the new Groups is to encourage discussion, as opposed to just being a question-and-answer session, there will be some basic ground rules to which participants of the Groups will be expected to adhere:

- All questions will be welcome, no matter how many times they have already been asked and answered, or how obvious the answers might be in the documentation.
- Neither personal attacks nor foul language will be tolerated. Violators will immediately be placed on "moderated" status, meaning their subsequent posts will require Moderator approval until the Moderator's trust has been regained.
- Those posting are reminded that these forums are open to everyone, including prospective hams and operators who are not ARRL members but may be thinking about joining; so, civility and courtesy is expected, even when disagreeing.

The Committee believes that providing more opportunities for two-way discussion between the organization's leaders and the entire community of amateur radio operators will assist the organization in truly serving the needs of this community.

The American Radio Relay League (<u>www.arrl.org</u>), represents the interests of Amateur (or "ham") Radio operators across the country. Founded in 1914 by Hiram Percy Maxim, ARRL, the national association for Amateur Radio®, has a proud history of achievement as the standard-bearer in amateur affairs. Now in its second century, ARRL remains focused on "advancing the art, science, and enjoyment of Amateur Radio."

PIC Report

Allen County PIO Jay Farlow, W9LW

I successfully pitched a story to one of Fort Wayne's TV stations regarding ham radio support of the city's largest running event (<u>Fort4Fitness Fall Festival</u>). Before pitching, I coordinated with EC Jim Moehring, KB9WWM and Fort4Fitness race director Zac Compton. I facilitated their meeting with a multimedia journalist for the recording of interviews. The station did at least two versions of the story, which ran Sep. 25. The 6 p.m. version used a sound bite from Jim and the 11 p.m. version used a sound bite from Zac. The station put the 11 p.m. version on its web site. I pitched this station specifically, because it is the

media sponsor of the running event and I knew the station would therefore being doing preview stories all week.

I shared links to the story on the Allen County ARES Facebook page and Twitter feed.

73,

Jay Farlow, W9LW

Volunteer Public Information Officer, ARRL (the national association for amateur radio) Assistant Emergency Coordinator – SKYWARN, Allen County Amateur Radio Emergency Service Fort Wayne, Ind.

w9lw@arrl.net

Hendricks County ARES (HCARES) PIO Don Somerville, KD9DHJ

HCARES has the following completed and upcoming events.

Completed

September: September was Preparedness Month. Each Week during the month on the W9HCA Hendricks County ARES Net, the Net Controller read a portion of the Preparedness for September. The Preparedness in September is designed to help keep you and your family safe in a disaster or an emergency.

September 10th: There was a **Free Emergency Communications Seminar** held at the Hendricks County 4H Fairgrounds located at 1900 E. Main St., Danville, IN 46122 that Hendricks County ARES members participated in because of the value Amateur Radio brings to emergency situations. The event was held from 0900-1500 local. It covered how events are handled by our county from times of "Blue Skies" to "Falling Skies". Those presenting were:

- Indiana State of Department of Health
- Indiana DHS
- District 5 Healthcare Coalition
- Hendricks County ARES

They demonstrated how they work together and assist local law enforcement, fire and EMS agencies.

September 14th: The Hendricks County ARES participated in a Simulated Emergency Test (SET) on September 14 from 0900-1200 local. We had HAMS operating from the county EOC, simulated crash scene, Hendricks County Fairgrounds, Hendricks Regional Hospital and IU West Hospital. After the exercise there was a team debrief to discuss what went well and what could have been done better as well as different future scenario options.

September 21st: The **Quaker Day Parade** was on the 21st this year from 0800-1300 local. We had 13 volunteers assist during the parade helping the Plainfield Police by being their eyes and ears at different spots along US 40 route. It started at Duke Energy parking lot and traveled west on US 40 to the west side of town to Vestal Road, then down to the Soccer fields. There were 100 entrants for the parade and the

entire route was lined with visitors of all ages who had a great time. We would like to also like to thank Tony Perona of the Plainfield Chamber of Commerce for assisting HCARES during the parade.







September 22nd: The **Brownsburg Safety Fair** occurred on the 22nd from 1100-1500 local. This was a fun and educational event. It was held at the Walmart parking lot in Brownsburg, 470 E Northfield Dr. We had a booth next to Hendricks County EMA. Those who attended had a blast and asked lots of questions about ARES. We even had a several people inquire about taking classes and getting their amateur licenses.







Upcoming Events

October 8th: The next W9HCA Hendricks County ARES Tuesday Night Simplex Net, will be on October 8, 2019, with Nicolus Moon KD7YUF hosting on the frequency of 145.570 MHz Simplex right after the scheduled weekly W9HCA Hendricks County ARES Net which starts at 1930 local. These Nets are to test our radio's performance and capabilities with a Net Controller as well as Amateur's in and around Hendricks County. This will be the *LAST* Hendricks County ARES Tuesday Night Simplex Net for the year.

October 19th: There are a couple of HCARES events going on for this date:

- The next Hendricks County ARES Hospital Net October 19 starting at 1030 local with Mike Rollins hosting from Hendricks Regional Health Hospital, on the Frequency of 147.570 MHz Simplex. This Net is to check the performance and capabilities of our radios with a Net Control Station as well as other Hams in and around Hendricks County in preparation for support during an Emergency and/or Disaster. This will be the LAST one for the year.
- Hendricks County ARES will be supporting the 2019 Kids Fair. This fair will be held at Hendricks County Fairgrounds, located at 1900 E. Main St., Danville, IN 46122 from 1200-1500 local. HCARES will have a display table set-up during this Fair to show families some ways to design and implement an emergency/disaster plan. This plan will show them what steps they need to take in preparation for and action during an emergency/disaster.
- Fall Colors Festival at McCloud Park in Hendricks County: HCARES will cover all radio communications around the park plus the hams will setup and operate a Special event Amateur Radio Station using the callsign K9B. Time for the event is 1000-1500 local. Contact Dave Jones, N9DBJ at N9DJB@outlook.com

October 26th: Hendricks County ARES is holding a "Welcome New Member Training Class". This training class will be at the Hendricks County Senior Service Center in Danville. This is a mandatory training class for those who have signed up in the last twelve months that will show and describe our E-Plan, what radio frequencies to use in an emergency/disaster, etc.

October 31st: The Hendricks County ARES will be supporting the **Annual Goblin Patrol** in Hendricks County. Hams will be dispatched and watch some key areas around the county that could be prone to mischief. Any hams interested in helping please contact Gordon Cotton W9GKC at goblue1941@gmail.com

Recruitment: We at HCARES are still looking for information on any recruitment efforts that are going on in the Amateur Radio arena. We feel that in order to keep our hobby alive and volunteers plenty to support our communities in times of Emergencies/Disasters we need to stay active in recruiting new people who have an interest helping their community first then from there we can get them interested in Ham radio through volunteering. HCARES has been fortunate recently as we are now working with the Hendricks County Health's MRC (Medical Reserve Corp) Program in recruiting new prospects for us. This is a good step forward in finding new recruits but we still ask all of you if you know of any efforts underway or already in place, please send information to the Hendricks County EC Ron Burke, KB9DJA at

kb9dja@gmail.com





73.

Don Somerville, KD9DHJ ARRL Public Information Officer Hendricks County Don.Somerville@outlook.com

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 September 12, 2019, the WCARC Board Meeting on September 26, 2019, the Whitley County Amateur Radio Club (WCARC) General Meeting on October 10, 2019 and the Whitley County W5YI Test Session October 26, 2019.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday October 10, 2019 from 6:00 PM to 8:00 PM.

The meeting will be held in Community Room A & B of the Peabody Library 1160 E. State Rd. 205 - Columbia City, Indiana.

The be Program for the evening will be Show Us Your Shack presented by David Shakley, N9FGP.

All WCARC General Meetings are open to the Public.

The next W5YI Test session will be held on Saturday October 26, 2019 from 9:00 to 11:00 AM, In Community Room A and B of the Peabody Library 1160 E. State Rd. 205 - Columbia City, Indiana.

For additional information visit the Whitley County Amateur Radio Club Web Page at 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





Do you want to be a Ham Radio Operator?

The Wells County Amateur Radio Club is offering a course for those that want to obtain an Amateur Radio Technician License.

The course will consist of 6 class sessions starting October 14 and continuing on October 17, 21, 24, 28 and 30. The course will be held at the Wells County Public Library at 200 W. Washington Street in Bluffton, Indiana from 5:30 pm to 8:00 pm.

There is no charge to take the course but for those who want to take the examination on November 2 to qualify for the Technician License, there is a \$15 charge payable at the time the examination is taken.

The course will be taught by ARRL Registered License Instructors and is based on: The ARRL Ham Radio License Manual 4th Edition.

It is strongly suggested that all that take the class purchase this manual before class sessions start on October 14. The manual is readily available from Amazon, Barnes & Noble and the ARRL itself at arrl.org Just make sure that you are purchasing the 4th Edition

Class size is limited so pre-registration is advised. To register, please contact Rick Velasquez by email at: ab9hp@ yahoo.com and include your contact information in the email.



ARRL to Launch New On the Air Magazine in January

Newington, CT – October 17, 2019 – ARRL, the national association for Amateur Radio® is launching a new magazine, *On the Air*, in January 2020. To be published on a bimonthly basis, *On the Air* will offer new and beginner-to-intermediate-level radio amateurs a fresh approach to exploring radio communications. Each issue will include advice and insight on topics from the variety of Amateur Radio interests and activities: radio technology, operating, equipment, project building, and emergency

communications. The goal of this new magazine is to be a vital resource in helping new and newer radio amateurs get active and involved in radio communications.

"On the Air responds to the brand new, and not-so brand-new radio amateur seeking ideas and answers," says Editor Becky Schoenfeld, W1BXY, who is part of the ARRL staff team that developed the new magazine. The planning included an extensive national-level study of new Amateur Radio licensees, identifying their motivations for getting licensed and their experiences of getting started. A focus group responded positively to a trial sample edition of the magazine.

"Too many new licensees never take the next step," says Schoenfeld. "We're excited to introduce a new amateur radio magazine for this audience, aimed at getting them active, getting them involved, and getting them on the air."

The first issue of *On the Air* will be published in January 2020 (Jan/Feb issue) and will be introduced as a new ARRL membership benefit. When eligible members in the US join ARRL or renew their membership, effective Nov. 1, they will be prompted to select the print magazine of their choice; *On the Air* or *QST*. *QST* magazine is ARRL's official membership journal, published monthly since December 1915. *QST* supports active radio amateurs with ham radio news, equipment reviews, projects, and stories of public service, advocacy, and volunteerism. Current members receiving print *QST*, upon renewal, may choose to continue receiving *QST* (mailed monthly) or *On the Air* (mailed bimonthly). The online membership application will support the new magazine designation next month.

All ARRL members, including international members, will be able to access digital editions of both *QST* and *On the Air* magazines. Members who already access *QST* on the web or from the mobile app will be able to access *QST* and *On the Air* in January.

For information about ARRL and Amateur Radio, visit www.arrl.org and www.arrl.org and www.arrl.org and www.arrl.org what-is-ham-radio.

The American Radio Relay League (<u>www.arrl.org</u>), represents the interests of Amateur (or "ham") Radio operators across the country. Founded in 1914 by Hiram Percy Maxim, ARRL, The national association for Amateur Radio®, has a proud history of achievement as the standard-bearer in amateur affairs. Now in its second century, ARRL remains focused on "advancing the art, science, and enjoyment of Amateur Radio."

2019 Indiana ARRL State Convention

Hosted by Allen County Amateur Radio Technical Society November 16 & 17

Allen County War Memorial Coliseum, Ft Wayne, IN
ARRL – Dan Henderson, N1ND
Statewide hamfests

October 26 – Hamtober Fest – Lynnville, IN

November 16 & 17 – Ft Wayne Hamfest – Allen Co War Memorial Coliseum

November 30 – Wabash Valley Turkey Fest – Brazil, IN

February 8 – Hendricks Co. – 8am – 1pm Hendrick Co Fairgrounds February 29 – Laporte Cabin Fever Hamfest – LaPorte, IN http://lpcarc.org/hamfest/

June 20, 2020 - East Central Indiana Hamfest - Randolph County Fairgrounds



Southern Indiana 2nd Annual Hamtober Fest

OCTOBER 26, 2019
LYNNVILLE COMMUNITY CENTER
LYNNVILLE, IN
7:00 AM - 12:00 PM

N 38.19453; W87.30147

FREE ENTRY

DONATIONS APPRECIATED

Yaesu 400 XDR Transceiver Raffle

TABLES \$10 LIMITED AVAILABILITY

Flea Market, VE Testing, Food, Fellowship
Sponsored by Tri-State Amateur Radio Society www.w9og.net
Contact Us: hamfest@w9og.net

For more information www.hamtoberfest.com



Wabash Valley Amateur Radio Association, Inc.

2019 TurkeyFest & Computer Expo

with

Commercial Vendors
Saturday November 30, 2019

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)





Hourly drawings for Door Prizes

Breakfast Served – DXCC/VUCC/WAS Card Checking

More information: http://w9uuu.org or contact hamfest@w9uuu.org

47th FORT WAYNE HAMFEST

Largest Hamfest in Indiana 2019 ARRL INDIANA SECTION CONVENTION



ARRL Forum - Saturday 10:00 AM

Carl Luetzelschwab K9LA
ARRL Central Division Vice – Director

Riley Hollingsworth K4ZDH
ARRL Volunteer Monitor Coordinator

James Merry Jr. KC9RPX
ARRL Indiana Section Manager

ARRL Section Banquet - Saturday 5:00PM

Dan Henderson N1ND – Keynote Speaker

ARRL Regulatory Information Specialist

Buffet BBQ Beef Brisket and Sautéed Chicken Breast.
Ticket \$25. Attendance limited to first 70.
Reservations Open October 7, 2019
www.fortwaynehamfest.com

- Ham Radio License Testing All Classes (\$14)
 9 AM till 12 PM Saturday
- WAS & DXCC Card Checking and CQ Awards
- New & Used Ham Equipment Dealers
- Main & Hourly Door Prizes
- Equipment Check-out | Test Purchases on-site
- Talk-in Radio Frequency 146.880 (-)
- Tables:
 \$25 Regular (8ft), \$50 Premium (8ft), \$33 Electricity

November 16 & 17

2019

SAT 9 AM to 4 PM SUN 9 AM to 2 PM

Admission: \$6 Sat & Sun \$3 Sun only Children under 12 free (with adult)



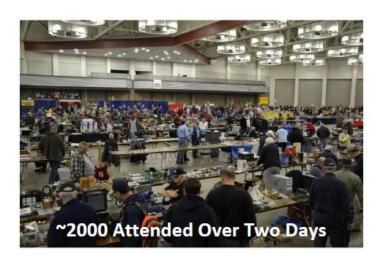
Allen County
War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
[Coliseum Parking \$6 per vehicle]

Get the latest information at

www.fortwaynehamfest.com
www.facebook.com/FTWAYNEHAMFEST/
Contact (260) 579-2196, PO Box 10342, Fort Wayne, IN 46851

2018 Fort Wayne Hamfest Photos

2019 Registered Fort Wayne Hamfest Commercial Vendors





Batteries America CRV Communications Dalton Distributing Debco Electronics EAE Sales Everdry Waterproofing Follrod Sales LLC Gold Medal Ideas **Ham World Hoosier DMR Idea Company** J & J Surplus Norm's Fabrication **Quicksilver Radio Products** Satellite Headquarters Sign Man of Baton Rouge **Tower Electronics Transel Corporation Webster Communications**





More to Come!

West Mountain Radio

Z-Mgmt LLC

2019 Fort Wayne Hamfest and Computer Expo Forum Schedule

Time	Red Room	White Room	Archer Room
9:00	9:00 - 12:00 VE Testing		
9:15	W5YI VEC		
9:30	Cost is \$14.00		
10:00	Bring copy of current license if upgrading	10:00 - 11:00 ARRL Forum	10:00 - 10:45
10:15		Dan Henderson N1ND ARRL Regulatory Affairs Manager	West Mountain Radio
10:30		Riley Hollingsworth K4ZDH ARRL Volunteer Monitor Program	DC Power
10:45		Carl Luetzelschwab K9LA ARRL Central Division Vice Director	CHANGE OVER 11:45 - 11:00
11:00		CHANGE OVER 11:00 - 11:15	11:00 - 12:15
11:15		11:15 - 12:15	Indiana Repeater Council
11:30		QRP	Bob Burns W9BU IRC President
11:45		Bill Kelsey N8ET	
12:00	CHANGE OVER 12:00 - 12:15		
12:15	12:15 - 1:15	CHANGE OVER 12:15 - 12:30	
12:30	AMSAT	12:30 - 1:45	
12:45	Gerd Schrick WB8IFM	VHF/UHF Digital Voice and	
1:00	Steve Coy K8UD	System Fusion Introduction	
1:15	CHANGE OVER 1:15 - 1:30	Mark Thompson WB9QZB	CHANGE OVER 1:15 - 1:30
1:30	1:30 - 2:30		1:30 - 2:30
1:45	Young Ladies Radio League	CHANGE OVER 1:45 - 2:00	ARRL Life-long Learning
2:00	Linda Metz KC8PKY	2.00 - 3:00	Dan Henderson N1ND ARRL Regulatroy Affairs Manager
2:15		ARES	
2:30	CHANGE OVER 2:30 - 2:45	Jim Moehring KB9WWM ARRL Indiana Section EC	
2:45	2:45 - 3:30		CHANGE OVER 2:45 - 3:00
3:00	NTS Traffic Nets		3:00 - 3:45
3:15	Brian Jenks W9BGJ ARRL Section Traffic Manager	AFTER 3PM, WHITE ROOM IS CLEAR FOR BANQUET	Remote Stations
3:30			Carl Luetzelschwab K9LA ARRL Central Division Vice Director
3:45			
4:00	Banquet Guests Meet in Red Room		

9th annual Hendricks County Hamfest. Saturday, February 08, 2020

opens to the public at 8:00 am to 1:00 pm (five-hour duration).

Set up time 7:00 am

Place: Hendricks County 4H Fairgrounds and Convention center.
In the Main Hall (same as last year). Plentiful free parking. Food vendor on site. Prize drawing do not need to be present to win.

For the most up to date HCARS Hamfest visit our Facebook page or www.HCARS.org. Web site. Flyer to be posted soon.