



ARRL - Indiana Section

December 2019 Newsletter

What's in this issue?

Remembering the friends that we'll miss
Staff appointments, resignations, and cancellations
From the desk of the Indiana Section Manager
Section Emergency Coordinator's report
Section Traffic Manager's report
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Affiliated Club Coordinator's report
Public Information Coordinator's report
Exam Classes, Special Event Stations & Indiana Hamfest's

**"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



Richard Gerber, K9RAG - Indianapolis

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: <http://www.arrl.org/silent-key-submission-guidelines> I will be glad to send in for publication in QST if you provide me with the required documentation.

INARRL APPOINTMENTS, RESIGNATIONS, & CANCELLATIONS

Resignation:

Ray Andrews, K9DUR – District 7 Emergency Coordinator
Jim Baughn, K9EOH – Owen County Emergency Coordinator
Gene Dolgner, KC9RLC – Jennings County Emergency Coordinator
Mark Gregory – AB9ZA – Kosciusko County Emergency Coordinator

Appointments:

Rick Melton KB9MGG – Jennings Co. Emergency Coordinator
Brian Sexton KD9EDR - Kosciusko County Emergency Coordinator

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www.twitter.com/in_arrl

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ARRL Winter Field Day 2019 January 26 – 27

The Winter Field Day Association (WFDA) sponsors the 2019 running of [Winter Field Day](#), January 26 – 27. WFDA says that the ability to conduct emergency communication in a winter environment is just as important as the preparation and practice that take place each summer, but with some additional unique operational concerns.

“We believe that maintaining your operational skills should not be limited to fair-weather scenarios,” WFDA said in announcing this year’s event. “The addition of Winter Field Day will enhance those already important skills of those that who generously volunteer their time and equipment to these organizations. Preparedness is the key to a professional and timely response during any event, and this is what local and state authorities are expecting when they reach out to emergency service groups that offer their services.”

Members of the Warren County (NY) Radio Club ([WCARC](#)) will activate Maxim Memorial Station W1AW for 2019 Winter Field Day. Club members will work a rotating 24-hour operating schedule to ensure the most band/mode coverage.

The event is open to all radio amateurs.

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

Greetings from the Section Manager's desk...

Greetings Indiana Amateur Radio Operators,

Christmas wishes and safe holiday wishes to everyone. Enjoyed attending last month Indiana Section Convention at the Ft. Wayne Hamfest. Thanks to the Allen County Amateur Radio Technical Society for their hard work, dedication, and hosting the event.

Clubs and VE testing teams are urged to send their licensing class location and dates and VE testing sessions for future posting in the monthly newsletter and on the Indiana ARRL website.

Sincerely,
Jimmy Merry, KC9RPX
Indiana Section Manager





Section Emergency Coordinator Report

It is hard to believe that it has been a year since I have accepted the appointment as the Section Emergency Coordinator. It has been an enjoyable. I have met many of you in my travels and I look forward to meeting more of you in the future.

I would like to thank all of you for the support you have given the ARES organization and for the work you do for your communities. I hope that your support on emergency communications continues into the New Year.

My goals for the next year will be focused on the full implementation of ARES Connect and the pursuit of the training requirements for all the ARES members in the section.

We have made good advancements in both areas. In November, the ARRL released an update to the ARES Connect software that improves the usability and usefulness for all. I encourage all the ECs to ensure that their county teams are created in the system and that their members create accounts in ARES Connect. My team in Allen County has almost completed the transition into ARES Connect and I have found it to be quite useful in communicating with the team, maintaining event registrations and tracking hours.

I know that implementation has been a slow process but were getting there! Thanks.

Training is also an issue that was addressed by the implementation of the Strategic Plan. The current requirements or completion of the FEMA Independent Study Courses: IC-100, IC-200, IC-700 and IC-800. In addition, completion of the Emergency Communications Course, EC-100 offered by the ARRL Lifelong Learning division.

The FEMA courses are offered online as self-study courses. To enroll, go to: <https://training.fema.gov/is/> and follow the instruction found on the page.

To register for the EC-001 course from the ARRL got: <http://www.arrl.org/courses-training> And follow the instructions. The ARRL has released a new version, EC-001 (S). This is a self-guided version that is meant for those members that have experience in Emergency Communications. This is a great option for experience operators.

I hope that by the end of 2020, both goals will be nearly accomplished.
Have a great Holiday Season!

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 7, 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, Crawford, 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, Union, Vanderburgh, 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 \(District 2\)](#), [KB9WWM \(District 3\)](#), [N9KL \(District 5\)](#) , [KC9RVL \(District 6\)](#) , [K9DUR \(District 7\)](#)

Reporting EC's (32 of 48)

**[KB9WWM](#), [K9JAJ](#), [W9DBA](#), [KB9OIC](#), [W9EEU](#),
[K9PLG](#), [KC9ELU](#), [KD9KMG](#), [KC9RVL](#), [N9GTL](#),
[N9MOX](#), [N9CWW](#), [KB9DJA](#), [KC9RLC](#), [N9SIU](#),
[AB9ZA](#), [KC9GFO](#) , [W9GNR](#), [WD9GIU](#), [K9TEM](#),
[N9ZTB](#), [N9JPX](#), [KB9RZK](#), [WR9G](#), [W9DRB](#),
[KC9GUY](#), [KP4CI](#), [W9DAC](#), [K9DWO](#), [KT9B](#),
[KB9ML](#), [AB9HP](#),**

Reporting Official Emergency Stations

[NA9L](#), [KC9TYA](#), [KA9QWC](#), [N1LL](#)

District Emergency Coordinator Reports

Jim Moehring – KB9WWM – District 3

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

We are preparing to support the Huff 50K ultra trail run at Chain O'Lakes State Park on December 28. Please see the announcement elsewhere in this newsletter.

Marv Gilliland – KC8RVL – District 6

I participated in 3 of the 4 weekly ARES Nets (out of town for 1 session). Looking forward to EmComm ECI ARC Meeting/Christmas Dinner on December 3rd, and the Muncie Area ARC Christmas Dinner on December 14th.

Alan Scott – N9KL – District 5

Served as NCS for Indianapolis Monumental Marathon. Waiting for IDHS to fill communications specialist position (January?) to continue planning for statewide SET. Kudos to Mid-State Amateur Radio Club (Johnson County) for great PR coverage in front page story in central Indiana edition of Senior Life newspaper. Kudos to Hendricks County ARES for expanding partnership with hospitals throughout District 5. Invited to participate in planning for district wide hospital exercise.

Emergency Coordinator Reports

Jim Moehring – KB9WWM – Allen Co.

A quiet month in Allen County in November. It was great seeing everyone at the Fort Wayne Hamfest. We did have our quarterly face-to-face meeting.

Jeff Jones – K9JAJ- Bartholomew Co.

Thanks to the following: Mike Tanksley W9MDT, Robert Brunnemer N9MZ, Jon Brunnemer KD9NSG, Joe LaFauci KA9OPL, and Greg Simo KC9AAO for joining me in our annual S.E.T. back on Nov. 9th. Your dedication to the Team and your support throughout the year is greatly appreciated!

JW Temple II – KB9OIC – Clark Co.

Clark County ARES did not have monthly exercise this month because of the holiday. We did increase the number of our net participants to 20.

Marv Gilliland – KC9RVL – Delaware Co.

We had 4 weekly ARES Nets on Primary and Backup Repeaters, and 146.490 Simplex.

Muncie Area ARC had monthly meeting. Following the Business portion, President Drew Bennett K9HMX gave a hands-on presentation of the NANO VNA. EmComm ECI Meeting was not held due to conflict with the Ft Wayne Hamfest.

Clark Whitehouse – N9CWW – Harrison Co.

During Nov. there were 4 scheduled ARES Nets, conducted on 146.820 PL 103.5 , off set of negative .600 with 27 check-ins lasting for 59. minutes.
Thanks 73 N9CWW/ Clark

Ron Burke – KB9DJA – Hendricks Co.

Had our Annual HCARES Leadership dinner/Meeting.

Start planning on next year's training classes and events this month.

In December, I will be in an initial meeting working with the Logistics Manager for the Indiana District 5 Hospital Preparedness Planning committee of bringing together a district wide hospital-based HAM exercise sometime later in 2020.

Through the assistance of one of our HCARES members, and the I.U. Methodist Hospital Emergency Coordinator, are working together to place amateur radio stations in this hospital and the surrounding I.U hospital complexes in Marion County. Afterwards, these amateur radio stations will join the hospitals in Hendricks County in having a jointly monthly hospital net to further practice our skills in traffic handling of amateur radio between the two counties.

Gene Dolgner – KC9RLC – Jennings Co.

This will be my last ARES Monthly Report. KB9MGG will be contacting you shortly.

Robert LaGrange – KB9DJA – Johnson Co.

We are looking forward to 2020 and increasing our ARES membership in Johnson County.

Mark Gregory – AB9ZA – Kosciusko Co.

No Additional Comments this month

F. Gary Sherman – W9GNR – Madison Co.

Madison County had another good month of participation of its members although with the weather beginning to change, activities are becoming fewer. Our Nets continue to attract close to 70% participation. We participated in a training session that included members from other counties coming to Madison County to join in the activity. More Madison County members are taking the time each week to check in with surrounding counties. Madison County has the honor of having members of surrounding counties attend our meetings, meet and greet our membership allowing of a fluid exchange of methods, and ideas. We are learning from each other.

Tom Myers – K9TEM – Monroe Co.

Several of our Monroe County ARES members attended the monthly Bloomington Amateur Radio Club meeting on Friday, November 1st. There were four weekly ARES Monday Night nets and a monthly county warning siren test. Indiana's Section Manager, Jimmy KC9RPX, who is a resident of Monroe County, participated in the Indiana Section ARRL Convention during the Fort Wayne Ham Fest on November 16 and 17.

Steve Jewell – WR9G – Scott Co.

The Scott County EMA Group will hold a VE session Saturday, December 14th 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.

Peter Crasher – W9DRB – Spencer Co.

4 nets analog, 4 nets digital

Mark Tritch – KC9GUY – Steuben Co.

Working to get team set up on ARES Connect. Meetings and Nets added. Also encouraging team to work on training.

Robert Sambolin – KP4CL – Tippecanoe Co.

Tippecanoe Co. ARES is still active and has Monday Night nets at 20:00hrs local time (8pm). This is a tactical net. Training nets will be announced during the net.

First Saturday of every month, in conjunction with Tippecanoe EMA, we help check sirens in the county, unless TEMA postpones the test. This announcement may or may not happen.

We had our November meeting on November 21st. Next meeting to be announced for January.

Mike Laboyteaux – KB9ML - Wayne Co.

Wayne county ARES participated in the Centerville IN Turkey Trot a 7 km run. We provided communications and road safety for the run. I am proud to report that there were no mishaps during the run.

Official Emergency Station Reports

Vernon Austermiller – NA9L – Morgan Co.

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

I passed 1 piece of Routine traffic.

Mark Thienes – KC9TYA – Vanderburg Co.

A quiet month in Vanderburgh County, nothing to report. Hope everyone enjoys the Holidays.

Don Evilsizor – KA9QWC – Whitley Co

November was an interesting month for activity in ham radio and the Fort Wayne hamfest. I worked at the coliseum door 12 Saturday morning 6 am to 9 am. Attended the NTS and ARRL forums.

One interesting item observed by me at the hamfest was a PK-232 TNC FREE. Since I am blessed with several Packet Radio TNC'S was hoping that someone grabbed it. Was surprised at our 21-Repeater club meeting on Saturday, November 23rd one of our club members, Adam KD9AY was the one that picked up that TNC. Adam told that it appeared to be working...that was confirmed later in the month by taking note KD9AY Packet VHF signal was seen on 145.530. That adds another VHF packet station in North East Indiana. Also noted in November was K8IAT & KC9IPL packet stations active. One must be active in packet radio to appreciate how effective that mode is on sending/receiving radiograms.

Checked into the Indiana ARES HF nets representing ARES district 3 for Whitley County on Sunday evenings 3900 khz at 5 PM with KC9TYA station as net control.

The 21-Club officers elected for year 2020 are President DAN/N9WLW, TIM/K8IAT VP, CATHY/SEC-TREASURER. Congratulations 21-Club team.

INDIANA ARES BY THE NUMBERS

Total ARES Members reported: **711**
Number of reporting ARES EC's: **32**
Number of reporting OES's: **4**
Number of reporting DEC's: **5**
Number of ARES Nets: **131**
Number of Nets with NTS Liaison: **38**
Number of exercises, and training sessions: **46**
Person Hours: **758.05**
Public Service Events: **2**
Person Hours: **31.4**
Emergency Operations: **0**
Person Hours: **0**
SKYWARN Nets: **2**
Person Hours: **4**

ARRL SECTION TRAFFIC MANAGER INDIANA SECTION

Greetings all and thanks to the many that attended the Fort Wayne Hamfest and Indiana State ARRL Convention was good to see many familiar faces. As we approach the holidays traffic count is holding its own as you will see in the monthly newsletter. I want to take this opportunity to wish all my friends and NTS Family a very Merry Christmas and best wishes for a prosperous 2020! Hard to believe the new year will soon be on us! As always if you are reading the newsletter and are curious about traffic feel free to join in on one of our many fine traffic nets, we have every mode imaginable SSB,CW, and digital as well as some of our local VHF Nets. We'd love to have you and you'll find it to be great fun and will meet lifelong friends. Best Wishes all and see you in 2020...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 REPORTS NOVEMBER 2019
HF NETS

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
INDIANA SECTION ARES	KC9TYA	45	0	112	4
IDTN	K9JAJ	139	49	354	21
ITN	N1LL	1518	138	1223	59
QIN	K0TQ	59	19	156	30
TOTALS		1761	206	1845	115
NETS REPORTING	4				

INDIANA STM REPORT NOVEMBER 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	9	30	0	0	20	99
AB9ZA	31	40	20	0	0	0	91
N1LL	40	40	30	0	0	20	130
W9EEU	32	2	30	0	0	20	84
TOTALS	193	171	180	0	0	80	624
STATIONS REPORTING	6						

INDIANA STM REPORT NOVEMBER 2019
ORS AND SAR STATION REPORTS

STATION	TYPE	ORGINATED	RECEIVED	SENT	DELIVERED	TOTALS
W9BGJ	ORS	3	144	138	8	293
KA9QWC	ORS	0	20	33	9	62
AB9ZA	ORS	1	57	58	16	132
K9DUR	SAR	0	4	45	1	50
W9MGB	ORS	7	7	12	12	38
K0TQ	SAR	38	107	70	51	266
N1LL	ORS	12	128	87	9	236
NA9L	ORS	0	1	0	1	2
W9EEU	ORS	0	1	0	1	2
TOTALS		62	469	443	108	1081
STATIONS REPORTING		8				

INDIANA STM REPORT NOVEMBER 2019

VHF/UHF NETS

NET NAME	SOURCE	QNI	QTC	QTR	SESSIONS
BARTHOLOMEW CO ARES	KA9OPL	33	0	86	5
CASS CO ARC	KA9YBN	29	0	65	4
CLAY COUNTY	W9EEU	30	0	60	4
CROSSROADS DMR	K9NQW	83	0	109	4
D STAR NET	K9NQW	56	0	85	3
DEKALB CO ARES	KD9KMG	55	0	78	4
HOOSIER HILLS ARC	WD9EWF	50	0	26	4
HUNTINGTON CO NET	K9BME	76	0	164	5
IMO NET	K9SKS	208	3	185	30
JEFFERSON CO	N9XVB	21	0	40	3
KOSCIUSKO CO EMG NET	KC9AYT	90	0	73	4
KOSCIUSKO CO ARES	KC9NWM	54	3	102	8
MID STATE ARC	K9DY	186	0	184	4
MONROE CO ARES	K9TEM	98	0	87	5
MORGAN CO ARES	N9JPX	82	0	108	8
NE INDIANA PACKET NET	N9WNH	33	4	240	4
OWEN CO ARES	K9EOH	26	0	36	4
SCOTT CO ARES/RACES	WR9G	51	7	85	4
SOUTH CENTRAL AREA	KA9OPL	34	0	83	3
TARS EVANSVILLE	KE9YK	62	1	48	4
TRI STATE 2 METER	W9OU	230	0	327	15
WCARC SUN NET	KA9QWC	25	3	64	3
WHITLEY CO ARES	W9NNH	32	0	118	4
21 REPEATER GROUP	KA9QWC	35	4	71	4
NETS REPORTING		1652	24	2524	140
	24				

North East Indiana Packet Net (NEIPN)

Sundays @ 9 PM EDT via BPQ Chat on the KA9LCF-11 BPQ Chat Node

This Net is accessible via any BPQ Chat Node (it is locally direct accessible on 145.53 MHz in NE Indiana/NW Ohio & SE Michigan) But can be accessed via other frequencies in that same area or other areas through other nodes.

QNI=48

QTC=4

QTR=240

Sessions=4

Reported by: Don Evilsizor KA9QWC NEIPN Net Manager

73,

Dan M. Dahms N9WNH

Indiana Section ARRL Packet Net Manager

Technical Specialist Coordinators Report

Tom Busch WB8WOR

I attended the Bedford Hamfest, finding a few goodies.

Dan Caesar NI9Y

Not much to report for October. We have done some maintenance on the antennas. We plan to erect a new OCF dipole antenna to replace the homebrew 80-meter dipole that has been up for 20 years with 50-year-old RG-8U coax.

Mark Skowronski K9MQ

I helped the family of a silent key friend reprogram a Uniden 536HP scanner that they decided to keep from his estate. With a lot of these newer scanners, you type your zip code and a radius in, and it enables numerous channels. It enables so many, that it makes it difficult to listen. The key is to hook the scanner up to the computer and create a favorites list with only the traffic you wish to hear.

On October 9th, I went and spoke with an Engineering Design and Development class at Iliana Christian High School in Dyer concerning our upcoming high-altitude balloon launch. Gave a synopsis about amateur radio and how APRS works. I showed a video on how we use APRS to track and recover the balloon. Went over how the APRS transmitter and dipole antenna needs to be mounted to the payload. All of us went outside with the transmitter and my Kenwood TH-D74A handheld and did live demonstration. We are planning to launch on November 6th.

Lou Kruizinga N7BBW

At the Clark County Amateur Club meeting this month I gave a short presentation. I called it "Why Digital". I felt some Hams may be overwhelmed by the influx of digital repeaters. These repeaters have different digital modes. Trying to understand these new modes and operation might turn people off.

So, I put together a short "10000-foot view". No big technical terms. Really simple verbage. This was to be a forerunner to a follow up presentation this month by another Ham who has linked some Fusion repeaters in the area.

Roger McEntarfer N9QCL

The month of October I did no TS activities. I was too busy at my workplace and trying to get things winterized before an upcoming surgery.

The Whitley County Amateur Radio Club W5YI Team held their quarterly test session on Saturday, October 26, 2019.

The W5YI Team members present were Deb Smith/N9NNU, Jim Smith/N9FGN, Cathy Evilsizor/WB8ORR, Don Evilsizor/KA9QWC, Steve Holzinger/KC9WBR, Dennis Keyfauver/K3DCK, David Shakley/N9FGP and Roger McEntarfer / N9QCL.

Nine people showed up for the October test session and eight 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:

Jay A. Hammond - Technician Class – Auburn, IN
Zachariah A. Hollis - Technician Class – Angola, IN
Zachary W. Mapes - Technician Class – Churubusco, IN
Blake L. Mertens - Technician Class – Fort Wayne, IN
Jason M. Richards - Technician Class – Huntington, IN
Meghan R. Warrix - Technician Class – Fort Wayne, IN
Kevin S. Woolverton - Technician Class – Fort Wayne, IN

Upgrading Hams are as follows:

Adam R. Warrix/KD9NRT - General Class – Fort Wayne, IN

The next W5YI Test session will be held on Saturday January 25, 2020 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

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday November 14, 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 How to Grow Your Club presented by Bill McAlpin, WD9GIU. 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, or the Whitley County Amateur Radio Club Group Facebook Page
Ed Valasek K3HTK

I recently acquired a great deal on a used Icom R8600 Receiver and have been experimenting with this unit for HF and VHF/UHF reception to compliment my search for stations to work. Using one of the widely found cheap active stick HF antennas on eBay, I would say this receiver is probably a very good choice for the serious listener / DX Chaser. It has very similar design and controls as the Icom 7300 Transceiver and the sensitivity is amazing. The voice digital mode receiving capabilities are amazing as well on VHF/UHF. P25, NXDN, DMR, and more seem to work very well... You do not have to purchase licenses to add functionality. One drawback would be the remote software. You must purchase the RS8600 software for full remote control. It does work with the RS-BA1 software as the command structure to control via software is the same, but you lose the full control and band coverage selections depending on how you configure the RS-BA1 radio in the software. For \$150.00, I was disappointed to have to buy software I felt should be included with a radio of this price. Overall, no regrets. Keeping an eye out for a good deal on a used one is what I decided to do rather than spend \$2,000.00 for a receiver. They do pop up from time to time.

Working on completing a 220 MHz repeater in Noblesville, IN for experimentation purposes. Hoping to complete the coordination process soon and appreciate the help of the IRC on this initiative. Also looking to add a 6 meter, and 1.2 GHz machine in Hamilton County in 2020. More to come...

Happy Holidays to all and may you get time in the shack to enjoy the hobby! Don't forget the Santa Clause nets on HF this year for any little ones that want to talk or listen to Santa. More info can be found at the following link:

<http://www.tailgatersnet.com/santa-net.html>

WB3DKL

Visited ARRL booth at Brazil hamfest. Found at least one source of power line RFI
Submitted RFI complaint to utility IPL Submitted RFI complaint to ARRL after no response from electric utility

Tom Busch WB8WOR

Working on getting back into GNU Radio. Currently trying to decode RBDS signals from local radio stations. I have discovered that the few stations in my area don't really put out a lot of information in the stream and are using it wrong. The slot where the station callsign is supposed to go is basically scrolling the radio text, contrary to recommendation. The problem this causes is that on a car radio it can be distracting.

Roger McEntarfer N9QCL

The month of November I worked the Fort Wayne Hamfest on Friday evening, getting the vendors into their assigned spots.

I attended the hamfest on Saturday.

Most of my month was continuing to get all my outside activities completed prior to knee surgery November 18th.

Congratulations to the newly elected WCARC 2020 Officers

President – Roger McEntarfer – N9QCL

Vice President – Steve Holzinger – KC9WBR

Secretary – Edward Scott – K9EJS

Treasurer – Mike Wright – KD9FJP

3 Year Director – Junior Smith – WB9SPY

2 Year Director – David Shakley – N9FGP

1 Year Director – Ken Maier – KB9VGJ

The Whitley County Amateur Radio Club (WCARC) will be holding a Fundraising Event on Tuesday, December 3, 2019 from 4:00 PM to 8:00 PM.

The Fundraiser will be held at the Dairy Queen Grille & Chill, 409 N Main St, Columbia City, IN.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday December 12, 2019 starting at 6:00 PM.

This will be our annual dinner meeting and will be held the Crossroads Restaurant located on the corner of SR9 and SR 24 south of Columbia City, IN.

The 2019 Whitley County Amateur Radio club, Amateur of the Year will be awarded to this year's recipient.

There will be slide show presentation on the Whitley County Amateur Radio Club, Year in Review. presented by Steve Holzinger KC9WBR and Roger McEntarfer N9QCL.

The next W5YI Test session will be held on Saturday January 25, 2020 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

Mark Skowronski K9MQ

Kept busy in November assisting Iliana Christian High School in Dyer, IN with their high-altitude balloon launch. On November 6th, we were preparing to launch, but had a mishap with the balloon due to high winds. The students were able to secure additional donations for helium and another balloon. We tried again on November 20th and had a successful recovery near Montpelier, IN. Once the class releases their video, I will make sure it is my monthly report.

I attended the Ft. Wayne Hamfest this month. Was good to catch up with many friends and pick up some needed items for the shack

this month we sat in a training class on JS-8 call program. very interesting stuff. That is all for now.

Happy Holidays

N7BBW

Lou in Floyd County

No Activity to Report

Charlie Sponaugle N9LYY

[INARRL Affiliated Club Coordinator Report](#)

The ARRL - Indiana Section encourages all affiliated clubs across the state to take advantage of placing information such as event announcements, club happenings, and other items of interest in the affiliated club section of the newsletter. Just a paragraph or two would be appreciated on a regular basis. Please forward your club notes to my email address. Clubs also need to review the clubs annual report on a regular basis to make sure information is current. Several clubs have information that is over one year since it has been updated. This information is on the ARRL website and must be kept current. Clubs that have reports that are over 2 years since the last update, will risk losing its become affiliation and will become un-affiliated with ARRL. But all is needed is to bring the clubs report current again is the update the information on the club's page. I can assist with the update if you need assistance.

I encourage all clubs across Indiana that are not currently affiliated with ARRL, to view these links on the ARRL website links:

Application for becoming a ARRL affiliated club - <http://www.arrl.org/application-for-affiliation>

Affiliated club benefits - <http://www.arrl.org/affiliated-club-benefits>

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

[How to Update Your Club Record](#)

The club update area is now active. This section allows you to edit information in your club record and upload photos of your club activities.

The club update is your annual report. You must update your club record at least once per year even if nothing changes. The club update is how we know that the club is still in business and keeps the contact information current for ARRL and prospective hams to get in touch with your club. Should two years pass without an update your club will be listed as inactive.

Follow this link for an instructional overview of how to use the editing system. (PDF)
http://www.arrl.org/files/file/Clubs/Club%20Update%20Online_20150806.pdf

Indiana clubs that are over 1 year since last update:

(Last Update in parenthesis)

White County (Feb 18)	Hoosier Lakes (Jan 18)	RCA ARC (Aug 18)
Clinton Co (March 18)	Porter Co (Jan 18)	Kokomo ARC (Aug 18)
Central Indiana ARA (Dec 17)	Indiana Masonic Home (June 18)	Land of Lakes (Aug 18)
Ripley Co (March 18)	Ohio Valley (June 18)	ARC Indiana Univ Oct 18
Patoka Valley (Dec 18)	Owen Co (Oct 18)	Madison Co (November 18)

Indiana clubs that are over 2 years since last update:

Hoosier Repeater Builders (Jan 17) Tri County HF (Feb 17) Terre Haute North HS (Dec 16)

Bloomington South H.S. – K9SOU

We are still waiting on the preliminary results from the October School Club Roundup due to a software issue. We hope to find out how we did soon. The next one is the 2nd week of February.

Between now and then, we hope to get the antenna projects finished up. We are answering all the QSL cards we've been receiving from the contest. And, we're working as many YOTA month stations as we can. Be sure to get on HF all December long and work the US stations, K8Y, K8O, K8T, and K8A; and all stations around the world ending in YOTA. YOTA month is celebrating youth in amateur radio, and the stations are all operated only by hams under 26. There is an award and QSL program too at YouthOnTheAir.org. It's also in celebration of the first YOTA camp coming in June to the Americas.

73,
Neil Rapp, WB9VPG
Sponsor, Bloomington High School South ARC (K9SOU)

Hendricks Co. ARA

Winter Field Day 2020. (January 25-26)

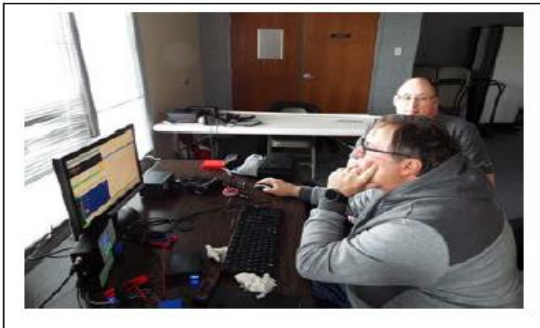
Hendricks County will be having this event at the Hendricks County Senior Services Center located at 1201 Sycamore Ln, Danville.(Just North of the Hendricks Regional Hospital.)

Setup will start on Saturday, January 25 at 12 noon with the event starting at 2pm and will run till 2pm on Sunday, Jan.26th.

To register for this event, you can email us at: w9hca2010@gmail.com. Deadline is Jan.17.

Rules for this event can be found at: www.winterfieldday.com/rules.

Shake those post Christmas and winter time blues, stay all night, hang out with us.



Iliana Christian High School High Altitude Balloon Video (Update)

The Engineering Design and Development class at Iliana Christian has released video of the High-Altitude Balloon Launch that we did on November 20th. <https://www.youtube.com/watch?v=JgtZqSybM-U>

Statistics:

Total Flight Time: 2 hours and 46 minutes

Ascending: 1 hour and 55 minutes

Descending: 51 minutes

Maximum Reported Altitude: 92,631 ft

Maximum Reported Speed: 111mph

Recovered: 2 miles west of Montpelier, IN (129 direct miles)

I would like to once again thank with their help with tracking and recovery: Richard Bashum, K9ILU, Greg Haschel, W9GND, Chris DeBie, KC9SIZ

73 Mark, K9MQ
ARRL Technical Specialist - Indiana Section

PIC Report

Hendricks County ARES (HCARES) PIO Report

HCARES has the following completed and upcoming events.

Completed

November 12th: The W9HCA [Hendricks County ARES Tuesday Night Simplex Net](#), was held on October 8, 2019, with Jay Wright KK9L hosting on the frequency of 145.555 MHz Simplex right after the scheduled weekly W9HCA Hendricks County ARES Net which started 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.

Upcoming Events

December 10th: The W9HCA [Hendricks County ARES Tuesday Night Simplex Net](#), was held on October 8, 2019, with Bill Pfaffenberger AE9R hosting on the frequency of 147.570 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.

January 25th - 26th: [Hendricks County ARES Winter Field Day 2020](#), will be on Saturday January 25th and Sunday January 26th of 2020. The Winter Field Day Association (WFDA) is a dedicated group of Amateur Radio Operators who believe that emergency communications in a winter environment is just as important as the preparation and practice that is done each summer, but with some additional unique operational concerns. If you are interested in participating in Winter Field Day contact the Hendricks County ARES at kb9dja@gmail.com

The months of December and early January will be quiet for HCARES as we unwind and enjoy time with family and friends. Things will begin to pick back up in January of 2020. We hope you all have a wonderful holiday season.



73,

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

Monroe County PIO Report

The Bloomington ARC held its annual Christmas party December 5. (K9DIY)

Bloomington South HS (K9SOU) is still waiting on the preliminary results from the October School Club Roundup due to a software issue. We hope to find out how we did soon. The next one is the 2nd week of February.

Between now and then, we hope to get the antenna projects finished up. We are answering all the QSL cards we've been receiving from the contest. And, we're working as many YOTA month stations as we can. Be sure to get on HF all December long and work the US stations, K8Y, K8O, K8T, and K8A; and all stations around the world ending in YOTA. YOTA month is celebrating youth in amateur radio, and the stations are all operated only by hams under 26. There is an award and QSL program too at YouthOnTheAir.org. It's also in celebration of the first YOTA camp coming in June to the Americas. (Courtesy of Neil Rapp WD9VPG)

Southern IN ARA has been hosting CW course on the 146.64 repeater in December by Joe, K7JOE. Held its holiday party December 20 at Aver's Pizza in Bloomington.

73,

Jimmy Merry
KC9RPX
Monroe Co 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 November 14, 2019, the Whitley County Amateur Radio Club (WCARC) Fundraising event on December 3, 2019. and the Whitley County Amateur Radio Club (WCARC) Dinner Meeting on December 12, 2019.

The Whitley County Amateur Radio Club (WCARC) will be holding a Fundraising Event on Tuesday, December 3, 2019 from 4:00 PM to 8:00 PM.

The Fundraiser will be held at the Dairy Queen Grille & Chill, 409 N Main St, Columbia City, IN.

The next Whitley County Amateur Radio Club (WCARC) General Meeting will be held on Thursday December 12, 2019 starting at 6:00 PM.

This will be our annual dinner meeting and will be held the Crossroads Restaurant located on the corner of SR9 and SR 24 south of Columbia City, IN.

The 2019 Whitley County Amateur Radio club, Amateur of the Year will be awarded to this year's recipient.

There will be slide show presentation on the Whitley County Amateur Radio Club, Year in Review. presented by Steve Holzinger KC9WBR and Roger McEntarfer N9QCL.

The next W5YI Test session will be held on Saturday January 25, 2020 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

Upcoming Statewide hamfests

February 8 – Hendricks Co. Hamfest – Hendrick Co Fairgrounds

February 29 – Laporte Cabin Fever Hamfest – LaPorte, IN <http://lpcarc.org/hamfest/>

March 15 – Wabash Valley ARA Hamfest – Brazil, IN <http://w9uuu.org>

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

Hendricks County Hamfest 2020



LOCATION: 1900 E. Main St. Danville Indiana. (Hendricks County Fairgrounds)

MORE selections, **MORE** parking, Kitchen, Heated BIG indoor building.

WHEN ? February 8, 2020 **TIME :** 8am - 1pm

MARK YOUR CALENDARS ! You won't want to miss this event !

Check out www.hcars.org for more details of this event forthcoming !!!



SPONSORED BY:

Hendricks County Amateur Radio Society





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

2020 Hamfest & Computer Expo

with

Commercial Vendors

Saturday March 14, 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