



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

May 2019
Volume 20
Issue 5

GOOD FOOD AND FUN AT THE SPRING BANQUETS



More photos of the FWRC spring banquet on pages 2 and 3. Photos provided by Al Burke, WB9SSE.

ACARTS Spring Banquet photos on page 5.

Also this month

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Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdx/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, K9ZT, at **AB9ZD (at) ARRL.NET**. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is a few days before the end of the preceding month.

Hamspletter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

GRAPHICS DESIGN CONTEST

Voting will be at the May general meeting on the 10th. Designs by AC9EZ, K9ZT, K9OMA and KD9GFO will be presented. Look for e-mails and articles on the web site as well.

EQUIPMENT AUCTION

Look for details on the Receiver Auction which will be an on-line auction. Plans are to start May 1st or thereabouts and conclude by the end of the month. We will need helpers to test out all the equipment. A 32-foot tower will be auctioned first, followed by the other equipment.

INDIANA QSO PARTY

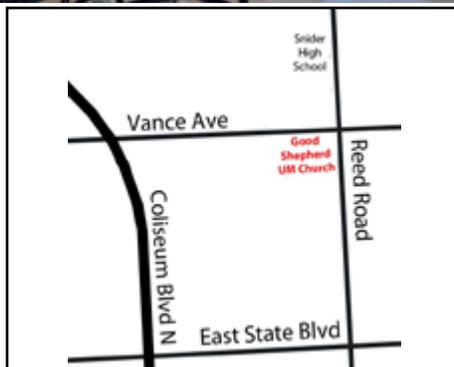
We have not secured a venue to operate from on May 4th so we are encouraging all hams in the club to operate as much of the contest as possible, and be sure to send in your logs to HXDCC with the club affiliation "Fort Wayne Radio Club" (not FWRC; etc.). Maybe we can get another plaque!



More Photos from the Spring Banquet!



May 10: Many things are coming up soon to include the Indiana QSO Party, Field Day (June is just around the corner), and next year's centennial celebration.



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Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.



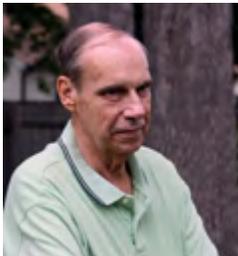
State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

The VHF/UHF FM Simplex Contest last month was a success, even though the number of hams participating seem to be down. Many local hams enjoyed an evening of fun. A few participants discovered problems with their equipment or antennas.



That is one of the main reasons for holding the contest, learn how your system can perform in the event of an emergency, and make improvements or repairs as needed. The winners in each category will be announced and certificates presented at the May meeting.

About 25 ACARTS members and their guests enjoyed an evening of good food and conversation at the annual Spring Banquet. The change in menu was as much of a surprise to me as it was to everybody. When I made the reservations, I read the menu items directly off of last year's menu. Apparently, the person who put together the menu could not read the writing or abbreviations of the person who took the reservation. Let me know if you were inconvenienced by the change or if you would like a different item from the full Guesthouse menu for any future dinners to be held there. There was a problem with the last batch of baked potatoes. The restaurant offered a different side or a dessert in place of the potatoes.

May 21: The meeting will be a presentation on Fox Hunting by Fred, KC9EZP. The VHF/UHF FM Simplex Contest winner certificates will be awarded.

Unless otherwise scheduled, all General meetings are held at 7:00 PM at the Red Cross Center, 1212 E California Rd, Fort Wayne, IN. Board meeting are held at the Salvation Army Facility.

The May meeting on the 21st will be a program of fox hunting, presented by Fred Gengnagel, KC9EZP. Fred will describe some of the local fox hunts, and some of the tricks used, both for hiding and locating the fox. The awards for the VHF/UHF FM Simplex Contest will also be presented at the May meeting.

A Hamfest Steering Committee meeting will follow the ACARTS Meeting. Those attending the ACARTS meeting who are not members of the Hamfest Committee are welcome to stay for the Hamfest meeting or leave if they so desire. I hope to see you there.

73,

Dave Lindquist, W9LKH

President

2019 FORT WAYNE HAMFEST

November 16 & 17

Allen County War Memorial
Coliseum and Exposition Center
4000 Parnell Avenue, Fort Wayne

www.acarts.com

www.facebook.com/FTWAYNEHAMFEST/



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We had good food, friends and many great conversations at the ACARTS Spring Banquet on April 16th at Halls Guest House in Fort Wayne, IN.

Photos by Tom KU8T

ACARTS APRIL 2019 BOARD MEETING MINUTES

Dave announced that the April meeting would be the Spring Banquet, to be held on the 16th at Hall's Guesthouse. Dave stated that there has been some discussion as to changing the venue of the Spring and Christmas dinners. He said that if someone wants to suggest a new location, they need to prepare a sales pitch for the membership, explain why it is better and even supplying pictures of the facility. He added that this needed to be done several months before the event so that the membership has a chance to vote on the location.

Dave asked for any suggestions for the May program. He suggested another program from the list made at the January meeting, a program of Fox Hunting by Charles, KC9MUT, and Fred, KC9EZP. The board members present said that would be fine, and Dave stated that he would try to make the arrangements.

Dave brought the members present up to date on the Hamfest preparations. The Hamfest has been approved as the Indiana State Convention, Dan Henderson, N1ND, will be the ARRL representative, and a Saturday evening banquet has been arranged, with \$25.00 again as the price, and Dan Henderson will be the keynote speaker.

No other business was discussed.

The meeting was adjourned at 7:45 p.m.

Submitted by Dave Lindquist, W9LKH

INDIANA QSO PARTY

The purpose of the Indiana QSO Party (INQP) is to encourage contact with Indiana amateur radio stations by other Indiana hams and hams worldwide. Stations outside of Indiana work Indiana stations only. Indiana stations work everybody, including other Indiana stations. See the rules for the rest of the details (there are no significant changes from 2018).

<http://www.hdxcc.org/inqp/rules.html>

INQP 2019 takes place May 4-5 (the first Saturday in May).

Please announce your operating plans on the email reflector (inqp@yahoogroups.com). You can see what others have planned on the Activity Map.





Carl Luetzelschwab, K9LA

HamSCI, short for Ham Radio Science Citizen Investigation, is a platform for the publicity and promotion of projects that are consistent with the following three objectives: advance scientific research and understanding through amateur radio activities, encourage the development of new technologies to support this research, and provide educational opportunities for the amateur community and the general public. You can visit their web site at <http://hamsci.org/>.

HamSCI participants played a major role in the solar eclipse of August 2017. Lead author Nathaniel W2NAF wrote about the Solar Eclipse QSO Party and the use of the RBN (Reverse Beacon Network) to study the effects of the eclipse on the

HAMSCI WORKSHOP 2019

ionosphere. This paper (in the American Geophysical Union's publication Geophysical Research letters) is available at <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2018GL077324>. There are more papers by HamSCI participants at <http://hamsci.org/peerreview>.

The HamSCI Workshop 2019 was held at Case Western Reserve University (CWRU, and in collaboration with the New Jersey Institute of Technology) in Cleveland on March 22 and 23. Previous Workshops were held in February 2018 at the New Jersey Institute of Technology and in October 2017 at Milton Keynes, UK (the day before the RSGB Convention). The theme for the 2019 Workshop was "Ionospheric Effects and Sensing," which included the use of amateur radio techniques for the characterization and study of ionospheric phenomena such as traveling ionospheric disturbances, sporadic E, response to solar flares, geomagnetic storms, the forthcoming 2024 total solar eclipse and other space weather events.

I was one of two invited speakers, and I talked about ham radio for space scientists. I have to admit that I felt like I was preaching to the choir since most of the space scientists there were hams. The other invited speaker was MIT Haystack Observatory research scientist Dr. Larisa

Goncharenko, and she talked about space science for ham radio operators. Larisa and I got together on Skype prior to the Workshop, and as a result my presentation flowed nicely into her presentation. The Friday evening banquet speaker was Ward NOAX, and he talked about the future of ham radio.

In addition to the invited presentations, there were thirty other presentations and a panel discussion. Several of these presentations piqued my interest: new directions in sporadic E research (AB4EJ), SDR hardware for the personal space weather station (N8UR), crazy antennas (KE8ERX), talking to the astronauts (KC4IYD) and the new Arecibo feed antennas (WA3FET). In summary, both days passed by very quickly even though the topics were highly technical. My favorite presentation was Dr. Goncharenko's, as she touched on how events in the lower atmosphere can couple up to and modify the ionosphere – one of three sources of short-term ionospheric variability (the other two being solar radiation and geomagnetic field activity).

I stayed at Charlie KC9LA's QTH Thursday night and Friday night. He's about 35 minutes east of CWRU (which is in downtown Cleveland), so that worked out just fine. I left the Workshop after lunch on Saturday and met Charlie at DX Engineering in Tallmadge, OH – a suburb of Akron (Charlie was coming from the Mansfield, OH hamfest). I helped the Amateur Radio economy by buying several items.





LOCAL CW ACTIVITY

For the past 5 months, the Fort Wayne 146.91 repeater has been active every Monday evening from 7 p.m. until 8:15 with specialized CW training. Thanks to the work of Steve W9SAN, the W1AW code practice broadcast was aired from 7:00 until 7:30 on the repeater through Echolink. This half hour each week was primarily slow code practice, as slow as 5 words per minute.

Following the code practice at 7:30, Ed WA9BBN (with the help of Terry K9FMX and Ken N8KR) lead the "CW Net" designed to help hams in our community learn or become more proficient with sending and receiving CW. Along with on air sending (yes, there was a lot of CW on the repeater), those checking in started simply with just sending and receiving callsigns, followed with names and concluding with full QSO reports and generating their own code practice. A couple of times we even played "CW Tag" randomly calling each other. Discussions on sending speeds, abbreviations, QSO formats, zero-beating, antennas, keys, bugs, cooties accompanied the code sending and receiving.

The idea of mentoring and assisting each other culminated with on air QSO's on our HF bands. During my "snow-bird" time in FL, I would connect on Echolink and follow up with QSO's on 40 meters with the Fort Wayne hams. Over a dozen different hams joined us during activity. Some were weekly regulars while others joined as their schedules allowed. Deeming it a success and with the advent of summer, we have decided to take a "pause" during the summer and pick it up again in the fall. Thanks to Ed WA9BBN for his leadership!

W9TE SKCC BONUS STATION



Pictured above are the three stations which operated simultaneously for the April 2-hour monthly sprint for the Straight Key Century Club. Operating as the Bonus Station for the event, hundreds of participants throughout North America were looking for W9TE to get the special 25-point bonus for their final score. The crew from the Fort Wayne Radio Club managed to make 128 contacts during that two-hour event. (That's a little over one contact a minute!)

The 40-meter station with a Bencher straight key, located on the left side of the picture, ran 200 watts with the Yaesu FT-1000mp into a dipole. The 20-meter station in the center of the picture with a German Junker straight key, was connected to a triband yagi powered with a Kenwood TS-590S and a Tokyo Hy-Power amp. The 80-meter station on the far right, had a simple dipole with an Elecraft K-3 and Alpha amplifier. The straight keys at that station included a Czech military key and a Vibroplex key.

During the two-hour event, we made contact with 38 states and 4 Canadian Provinces. Josh W9HT, made a stellar attempt to work 160 meters but there was little to no activity there. He added three contacts to our log. When the dust settled at 10 p.m., we enjoyed some social time



The W9TE SKS Crew

together over homemade apple crisp and ice cream. (Thanks, Josh, for making the apple crisp!) That quality time together is a reminder that this hobby is fun and a great opportunity for us to enjoy each other's company.

Our SKS ops included: Jay W9LW, Don K9LI, Ed WA9BBN, Stuart KD9LFW, Jeff KB9QG, Ken N8KR, and Josh W9HT. Stuart and Jeff are still working on CW proficiency and spent the two hours listening on a second set of headphones. They wanted to support the operation and learn from it! Hey, this is an important element of our hobby: learning from each other! I hope we can involve more in our multi operations as a club!

73 from Ken N8KR



Don K9LI at the 20m station



Ed WA9BBN running 80m

THE FOXHUNT CHRONICLES FOR APRIL 2019

The April foxhunt occurred on Sunday the 7th of April, which turned out to be a beautiful spring day in Indiana (finally)! The hunters consisted of two teams, the first being that of Charles Ward, KC9MUT, Fred Gengnagel, KC9EZP and new-comer Bill Hopkins, K9WEH who decided to give it a try and rode along with Charles and Fred. The second team consisted of Don Glick, K9LI and his wife Julie.

Jim Pliett, K9OMA, Al Burke, WB9SSE, Annie Pliett, KA9YYI and Carole Burke, WB9RUS served as the fox for this hunt. They located on the western edge of Swinney Park near the baseball diamond. The high-power fox consisted of a 40-watt mobile driving Jim's quad that was located on the roof of his van. It transmitted for one minute every five minutes, starting on the half hour. The microfox was implemented using the 40-milliwatt microprocessor-controlled package we use for most foxhunts. It transmitted CW on 146.340 MHz for one minute every two and a half minutes.

Where to hide it, where to hide it, where to hide it??? Hmmm, we spotted a corrugated steel retaining wall that caught our interest. It had vertical pipe-like features on either end that just beckoned to have a microfox dropped down inside where it would be hard to find. So that's what Jim did. Being inside the metal pipe created a natural shielding effect which meant that one had to get within fifteen feet or so of the pipe to hear the microfox signal.



The foxhunt started promptly at 13:30 local and evidently both teams at the Corbin Park starting point heard the initial high-power fox transmission and were off and running. For our part we enjoyed the gorgeous weather and were entertained by a softball team practicing on the ball diamond.

After about one half hour Don and Julie Glick showed up, localized us, and started hunting on foot. Due to the shielding Don had a hard time hearing the microfox. About thirty minutes later the Ward, Gengnagel, Hopkins team arrived and they too started hunting on foot.



Everyone got quite close to the microfox but had a difficult time actually locating it. But eventually Charles spotted the cord that was attached to the microfox to lower it into the pipe, and so he was the first to find it. Shortly thereafter the rest of the hunters found it too.

After the finding part of the foxhunt was over, the eating part began. We at first had decided to go to Chick-fil-A until we realized that they were not open on Sundays. So, we then decided to try Coney-Dog in downtown Ft. Wayne and were not disappointed in our choice.

Given that the Ward, Gengnagel, Hopkins team were the first to find the fox, they will serve as the fox for the May hunt which will occur on Sunday, May 5th.

Scores for the April hunt and for year-to-date totals are:

Call	Score This Month	Year to Date
WB9SSE	4.5	8.5
WB9RUS	4.5	4.5
K9OMA	4.5	9.5
KA9YYI	4.5	5.5
KC9MUT	3	10.67
KC9EZP	2	10.67
K9WEH	2	2
K9LI	1	3
Julie Glick	1	3
AB9IZ	-	4.67
KB9RLW	-	9
KC9UHU	-	5
W9SAN	-	7.67
W9LAN	-	7.67
Alex	-	2
KD9ITZ	-	2

Why not plan to join us on the May hunt? Given it will occur on Cinco-de-Mayo, perhaps we will choose a Mexican venue for the meal afterwards.

See you in May,

Al Burke, WB9SSE

2019 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2019. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

May 5
June 2
July 14
August 4
September 15
October 6
November 3



LICENSE CLASS OFFERED

The Northeastern Indiana Amateur Radio Association (NIARA) will be offering **free training for the General Class License** during the month of May.

The general class training will begin on May 2, 2019. The written exam will be offered on June first.

For more information on the classes you can go to our association's web site at www.W9OU.org or contact Jeff De-Lucenay, VP-TO, at 260.413.5982. Please leave message requesting more class information.

SKYWARN NET SEEKS LEADERS

By Jay Farlow, W9LW, Allen County SKYWARN net manager

The Allen County SKYWARN net seeks volunteers who are willing serve in the leadership position of net control station operator.

The more NCS volunteers a SKYWARN net has, the more likely one of them will be available during a severe weather event. Although the Allen County SKYWARN net has a team of excellent NCS operators, there are still occasions when no member of that team is available. That's why the net hopes to add more hams to the NCS team.

To be an NCS, you need to have completed in-person SKYWARN spotter training within the past three years (within the past year preferred) and be able to transmit a reliable signal on the Fort Wayne

146.88 MHz (primary) and 146.76 MHz (secondary) repeaters. Familiarity with SKYWARN net procedures, which can be gained by [downloading and reading the net's operation manual](#), is important. Optional and helpful (*but not required*) are:

- Internet access, for relaying reports to the NWS when WX9IWX is not on the air (NWS provides validated NCS operators access to its internal chat room).
- Experience as an NCS of any other net, including ARES, IMO traffic net, etc.
- A radio with 70 cm (UHF) capabilities, because NCS operators sometimes use UHF to coordinate shift changes, etc. without tying up the VHF frequency.

If you're interested in volunteering as a SKYWARN NCS operator – or just learning more about the position – please contact Jay Farlow, W9LW, at w9lw@arrrl.net.

IT'S THE MONTH OF MAY IN INDIANA AND YOU KNOW WHAT THAT MEANS . . .

DRIVERS, START YOUR ENGINES!

Once again the Indianapolis Motor Speedway Amateur Radio Club will be setting up **special events stations** for the races at the Indianapolis Motor Speedway. The dates this year are:

May 5-11: The INDYCAR Grand Prix
May 20-26: Indianapolis 500
Sept 2-8: Brickyard 400

W9IMS will operate SSB on or near: 3.840, 7.245, 14.245, 18.140, 21.350, 28.340, 50.140 and 146.52 simplex FM. Watch for spots at sites such as DX Summit. They will also be operating FT8 on all possible bands to allow as many people as possible to log a contact. For all of the details including cards and certificates, go to:

<http://www.w9ims.org/>



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at [AB9ZD\(at\)ARRL.NET](mailto:AB9ZD(at)ARRL.NET).

FOR SALE

2000ei Honda Generator with tri-fuel carb kit, brand new propane tank with gauge, brand new, never used, six-gallon plastic gas tank with gauge and double hose kit to hook up to two Honda generators if wanted. Also has a Honda accessory to hook up second Honda generator to balance output between the two. Also equipped with power output gauge to connect to exterior house socket. Included is the heavy-duty cable to run from Honda generator to the house socket. Asking \$750 for all.

Contact John at ab9rz@arrrl.net, or call and leave message (260) 471-4190.

CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contests include:

ARRL Contest Corral Web page	www.arrl.org/contests	ARRL's National Contest Journal	www.arrl.org/ncj
ARRL Contest Update	www.arrl.org/contest-update-issues	Contesting On-Line	www.contesting.com
WA7BNM Contest Calendar	www.hornucopia.com/contestcal/	DXNews	http://dxnews.com
DX Zone Contesting	www.dxzone.com/catalog/Contesting/	ARRL Contest Calendar	www.arrl.org/contest-calendar

SKCC SPRINT EUROPE			INDIANA QSO PARTY			DELAWARE QSO PARTY		
MAY 2, 1900Z	MAY 2, 2100Z		MAY 4, 1500Z	MAY 5, 0300Z		MAY 4, 1700Z	MAY 5, 2359Z	
1.8-28	-	CW	1.8-28	-	PHONE, CW	1.8-28	50,144	PHONE, CW
RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC		
www.skccgroup.com			www.hdxcc.org/inqp			www.fsarc.org/qsoparty		
NEW ENGLAND QSO PARTY			SKCC WEEKEND SPRINTATHON			ARKANSAS QSO PARTY		
MAY 4, 2000Z	MAY 5, 2359Z		MAY 11, 1200Z	MAY 12, 2359Z		MAY 11, 1400Z	MAY 12, 0200Z	
3.5-28	-	PHONE, CW, DIGITAL	1.8-28	50	CW	3.5-28	144	PHONE, CW, DIGITAL
RS(T), COUNTY+STATE OR SPC			RST, SPC, NAME, MBR OR "NONE"			RS(T), COUNTY OR SPC		
www.neqpg.org			www.skccgroup.com			www.arkqp.com		
50 MHZ SPRING SPRINT			4 STATES QRP GROUP SECOND SUNDAY SPRINT			SKCC SPRINT		
MAY 11, 2300Z	MAY 12, 0300Z		MAY 13, 0000Z	MAY 13, 0200Z		MAY 22, 0000Z	MAY 22, 0200Z	
-	50	PHONE, CW, DIGITAL	1.8-28	-	PHONE, CW	1.8-28	-	CW
4-CHAR GRID SQUARE			RS(T), SPC, MBR OR POWER			RST, SPC, NAME, MBR OR POWER		
https://sites.google.com/site/springvhfupsprints/home/2019-information			www.4sqr.com			www.skccgroup.com		

ACARTS (W9INX) REPEATERS			FWRC (W9TE) REPEATERS			OTHER AREA REPEATERS			
Freq/Offset	Input Tone		Freq/Offset	Input Tone		Call	Freq/Offset	Input Tone	
146.880 (-)	No tone	General use / Skywarn priority	146.760 (-)	No tone	General use (Note 1)	W9FEZ	145.330 (-)	No tone	Fort Wayne
147.255 (+)	No tone	General use	146.910 (-)	No tone	General use (Notes 1 and 4)	W9FEZ	224.780 (-)	No tone	Fort Wayne (Note 1)
443.800 (+)	No tone	General use	146.940 (-)	141.3 Hz required	General use (Notes 1 and 3)	W9FEZ	444.800 (+)	No tone	Fort Wayne (Note 1)
144.390 (s)	Digital	APRS - wide	444.875 (+)	141.3 Hz required	General use (Note 1)	K9MMQ	443.100 (+)	N/A	Fort Wayne, DMR
145.530 (s)	Digital	W9INX-1 Digipeater and Node	442.99375	D-STAR	General use (Note 2)	K9MMQ	443.275 (+)	141.3 Hz required	Fort Wayne
Notes:			Notes:			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
General Note: Standard 0.6 MHz (2-meter), 1.6 MHz (1.25-meter) and 5.0 MHz (70-cm) frequency offsets are used for all repeaters unless otherwise indicated.			1. 141.3 Hz output tone present 2. Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G 3. Yaesu System Fusion repeater, supports both FM (analog) and C4FM (digital) voice 4. EchoLink connection repeater Node number 519521			W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at AB9ZD(at)ARRL.NET several days before the first of the month. If you notice information that needs changed, please contact the newsletter editor by email. The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.						WC9AR	145.270 (-)	141.3 Hz required	Columbia City
						WC9AR	444.550 (+)	No tone	Columbia City
						K9OMA	147.375 (+)	No tone	Columbia City
						K9HC	146.685 (-)	141.3 Hz required	Huntington
						N9BCP	147.150 (+)	97.4 Hz required	Ligonier
						Notes:			

Membership Application for ACARTS OR FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ Phone #: (____) _____ - _____ Unlisted? Yes
 Email address: _____ ARRL Member? Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$25.00/yr. premium.

How would you like your newsletter delivered? by snail mail download from web site.

A.C.A.R.T.S. Dues	
Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year
(New Regular memberships are \$1/month)	

Fort Wayne Radio Club Dues	
Regular membership	<input type="checkbox"/> \$20.00 / year
Family membership ¹	<input type="checkbox"/> \$30.00 / year
Student membership ²	<input type="checkbox"/> \$5.00 / year
Associate membership ³	<input type="checkbox"/> \$20.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$25.00 / year
(Memberships for Jul - Dec are 1/2 the stated amounts.)	

1. Please list all names and calls on an attached sheet. 2. K-12 or full time student 3. Unlicensed member

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS	Fort Wayne Radio Club.
PO Box 10342	PO Box 15127
Fort Wayne, IN 46851-0342	Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

Special Event Stations This Month		
COSI Big Science Celebration		
May 4	1500Z-2000Z	W8LT
www.qrz.com/db/w8lt		
Garretson Forge and Farm 300th Anniversary		
May 4	1330Z-1930Z	W2G
www.flarc.net		
The INDYCAR Grand Prix		
May 5-12	0400Z-0400Z	W9IMS
www.w9ims.org		
Centennial of San Antonio Radio Club		
May 11	1500Z-2100Z	W5SC/100
www.w5sc.org		
The Indianapolis 500		
May 20-27	0400Z-0400Z	W9IMS
www.w9ims.org		

AREA NETS					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
8:30 AM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net
6:00 PM	3.940	Daily Indiana Traffic Net	Wednesday		
6:30 PM	146.880-	IMO (alternate is 146.760)	7:00 PM	146.760-	FWRCYL Net
7:00 PM	147.015+	Tri State Two Meter Net	7:30 PM	147.150+	21 Repeater Group
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week Days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
8:30 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580 AM	6-Meter AM Net
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES

For a complete listing of special event stations (and latest updates), check the listing in QST and the ARRL web page:

www.arrl.org/special-event-stations

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.**
2. On 145.530 @ 1200 baud. Use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.
3. Reflector REF024B.
4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.
5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>



To:

Activities Calendar



Date	Time	Event	Place
05/04-05/2019		Indiana QSO Party	
05/05/2019	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
05/10/2019	7:00 PM	FWRC General Meeting	GSUMC
05/14/2019	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
05/21/2019	7:00 PM	ACARTS General Meeting	Red Cross Center
06/02/2019	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
06/04/2019	7:00 PM	FWRC Board Meeting	GSUMC
06/11/2019	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
06/14/2019	7:00 PM	FWRC General Meeting	GSUMC
06/18/2019	7:00 PM	ACARTS General Meeting	Red Cross Center
06/22-23/2019		ARRL Field Day	
11/16/2019	9:00 AM	Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/17/2019	9:00 AM	Fort Wayne Hamfest	Allen County War Memorial Coliseum