



Election Results for 2019
Club Officers, Repeater
Status, and More

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The 2018 Hamfest Is
Just Days Away

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Using a 40m Dipole on
15m

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Allen County HamNews

November 2018
Volume 19
Issue 11

Fort Wayne Radio Club Fort Wayne DX Association Allen County Amateur Radio Technical Society

2018 HAMFEST WILL FEATURE THE ARRL CENTRAL DIVISION CONVENTION

One of the events of the Central Division Convention will be **a banquet on Saturday evening November 17** to be held in the White Room of the Coliseum at 5:30 pm with ARRL President Rick Roderick K5UR as the speaker.

The meal will be a buffet with BBQ Beef Brisket and Sautéed Chicken Breast. Ticket cost will be \$25.00 with attendance limited to 80.

To make your reservation for the banquet, send an email with your name, call, address, and number of tickets wanted to tables@fortwaynehamfest.com. Then make a payment of \$25.00 for each ticket wanted through Paypal to tables@fortwaynehamfest.com specifying the payment is for the banquet. If you do not want to do Paypal, immediately mail a check for the appropriate amount to ACARTS, PO Box 10342, Fort Wayne, IN 46851.

Payments must be received by November 9 and if the maximum reservations of 80 are received, the first money received will get the tickets.

46th FORT WAYNE HAMFEST
HOSTING THE
ARRL CENTRAL DIVISION CONVENTION

ARRL Forum Saturday 10:00 AM
President Rick Roderick K5UR
Central Div. Director Kermitt Carlson WBKA
Central Div. Vice Dir. Carl Luetzschweab K8LA
Lab. Assistant Manager Bob Allison WB1GCM
Indiana Sec. Mng. James Merry Jr. K2RPF
Illinois Sec. Mng. Ron Morgan AD9I
Wisconsin Sec. Mng. Patrick Moretti KA1RB

ARRL Banquet Promotion Saturday 5:30P
Buffet BBQ Beef Brisket and/or Sautéed Chicken Breast.
Ticket \$25. Attendance limited to 70. First paid gets the tickets. Reserve at www.fortwaynehamfest.com

- Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday
- WAS & DXCC Checking and CQ awards
- New & Used Ham Equipment Dealers
- Main & Hourly Prizes
- Equipment Check-out Table
- Talk-in 146.880-
- Forums Saturday only
- Tables:
\$25 Regular (8ft), \$50 Premium (8ft), \$30 Electricity

Admission: \$6 Sat & Sun, \$3 Sun only
Children under 12 free (with adult)
Parking is \$6 this year.

NOV.
17&18
2018
SAT 9 AM to 4 PM
SUN 9 AM to 2 PM

Allen County War Memorial Coliseum
8200 Parrel Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking \$6 per vehicle)

ARRL
Special Event Station
W1AW/9

Get the latest information at
www.fortwaynehamfest.com
www.facebook.com/FTWAYNEHAMFEST/



PHOTOS FROM THE 2017 FORT WAYNE HAMFEST

For more info: www.fortwaynehamfest.com or www.facebook.com/FTWAYNEHAMFEST/

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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/fwdxa/
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, AB9ZD, 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.

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

FORT WAYNE RADIO CLUB MEETING MINUTES

The October meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 19 October, 2018. The meeting was presided over by the club's Vice-President Carole Burke, WB9RUS. There were about 50 folks attending.

Following the Pledge of Allegiance each person introduced themselves via their call sign.

Carole re-opened the slate for the election of club officers and Board of Directors members to be elected tonight.

Persons initially running for various positions included:

President, Charles Ward, KC9MUT and Brian Jenks, W9BGJ

Vice President, Carole Burke, WB9RUS and Linda Nardin, W9LAN

Secretary, Al Burke, WB9SSE

Treasurer, Bob Streeter, W8ST

Communications Manager, Brenda Plummer, KD9GDY

And for Board of Directors positions:

Paul Prestia, KA3OZP

Steve Nardin, W9SAN

Clark Derbyshire, KG9FM

Since only one person each were running for the Secretary, Treasurer and Communications Manager positions, those persons were elected by a vote of acclamation from the club members present.

A written ballot was distributed for the President and VP positions and the results of this vote were:

President-Charles Ward

Vice President - Linda Nardin

Following this vote Carole Burke and Brian Jenks placed their names in conten-

tion for Board positions, so we wound up having five persons running for the four Board positions. A written ballot was distributed for the Board positions and the resulting persons elected to the Board for 2019 were:

Paul Prestia

Steve Nardin

Clark Derbyshire, and

Carole Burke

Thanks to Bob and Donna Streeter for collecting and tabulating the results of the election.

Steve Nardin and Paul Prestia conducted an auction of electronics gear offered by Kevin Loughin, KB9RLW. Seems as if Kevin has sold his house and has moved into an RV and thus needed to dispose of some excess equipment. Steve and Paul's efforts resulted in a fair amount of the material being sold especially as it turned out, to Steve. I heard Linda murmur "Oh boy, more stuff in the garage".

Bob Streeter gave the Treasurer's report. As of 19 October, 2018 the FWRC's numbers were:

Income year-to-date	\$9,196.83
Expenses year-to-date	\$6,041.16
Cash on hand	\$59.00
Checking balance	\$3,387.98
Savings balance	\$4,828.86
Vanguard Account	\$5,036.69



FWRC Officers

President

Charles Ward, KC9MUT
260-749-4824
kc9mut(at)yahoo.com

Vice President

Carole Burke, WB9RUS
260-637-1989
wb9rus(at)comcast.net

Secretary

Al Burke, WB9SSE
260-637-1989
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Treasurer

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Paul Prestia, KA3OPZ
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phixher(at)gmail.com

Steve Nardin, W9SAN
260-482-4039
w9san(at)arrl.net

W9TE Trustee

Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

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

November 9: To Be Announced.

Bob also noted that the energy consumption at Robison Park has been on the rise. In the September to October billing period we used 190 KWHs which is up about 20 KWHs from the previous period. Evidently someone(s) is doing a lot of talking on the .76 machine. But then, that's what it's for.

Speaking of the 146.76/.16 (Robison Park) repeater, Al Burke noted that the spare Motorola repeater that we had installed at 146.76 (Robison Park) to replace the primary repeater system that we had pulled from Robison Park and installed at PFW to get the 146.91 system back on the air, had itself failed earlier in the week. So, we removed the Motorola system and got it onto Jim Pliett's work bench whereupon he replaced an output transistor and got it percolating again. It (the Motorola system) is back out at Robison Park and is again functioning as the 146.76 machine.

Carole Burke mentioned that the next YL luncheon would occur on 3 November at Joanna's Family Restaurant (Leo and Tonkel roads), starting at noon. All ladies licensed or not, are invited.

Steve Nardin announced that he is trying to coordinate a 100th year anniversary of the Fort Wayne Radio Club which is rapidly approaching (it will occur in 2020). He wants membership input regarding having Special Events station activities, obtaining a special call sign, developing a commemorative QSL card, thoughts on developing a commemorative button or keychain fob, and any other suggestions the membership may have. The operative word here is obtaining INPUT from the club membership. He can't do it in a vacuum. Steve's phone number is (260) 482-4039, and his e-mail address is: w9san@yahoo.com, or w9san@arrl.net.

Give him a call; he'd love to hear from you.

Al Burke reported that Jim and Annie Pliett (K9OMA, KA9YYI) have had their share of bad luck lately. About one month ago Annie was in their back yard and tripped, falling on her right wrist and ribs. She wound up breaking her wrist, cracking a couple of ribs and ruptured her spleen which she eventually had to have removed. She was laid up in Parkview/Randallia for one month (Jim and Annie

live just north of Columbia City, so a lot of commuting for Jim). She was released to go home just today. In the meantime, Jim managed to trip while in his pole barn earlier this week, fell on his wrist and on his ribs, and evidently hit his head and wound up at Redi-Med. It sounds like he is also sporting a fractured wrist and a few cracked ribs. He's going to Parkview-Columbia City net week to see if any surgery will be needed. The Secretary is thinking of taking up a collection for a large roll of bubble-wrap for those two.

Following the business meeting Steve Nardin and Brenda Plummer gave a presentation describing a number of Public Service oriented events provided by the club. These included communications support for events like the Breast Cancer Walk, the Huff 50K Run and the Indiana Trails100 Run up at Chain O'Lakes, the Fort for Fitness event, and PR activities supporting Boy/Girl Scout JOTAs, the Maker's Fair and the Fort Wayne Safety Fair.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

HAMFEST DRAWING FOR AN ICOM IC-2100

For those who pay their FWRC 2019 club dues before the end of the hamfest, there is a drawing for a used Icom IC-2100 2-meter FM transceiver. It is used, but in really good condition. Additional chances can be purchased for a dollar a ticket.

Steve, W9SAN



(Stock photo from Icom.)

ARRL - INDIANA SECTION WEBSITE

The webpage for the Indiana Section of the American Radio Relay League is undergoing some upgrades and modernization. Follow the link below to have a look for yourself. There is a lot of good information about what is happening in the Indiana Section along with a monthly newsletter which includes a column from the Indiana Section Manager, Jimmy Merry, KC9RPX. Jimmy had the opportunity to visit ARRL headquarters in Newington, Connecticut, October 11 - 14 for a section manager orientation workshop. It was a great trip with and excellent workshop, working alongside 10 section managers from around the United States.

If you have questions, e-mail the Indiana Section Manager, Jimmy Merry KC9RPX, at kc9rpx@arrl.net.

<https://www.inarrl.org/>

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Many thanks to Jay Farlow, W9LW, on his SKYWARN Presentation at the October meeting.

The Fort Wayne Hamfest is only a few weeks away. Plans are well underway to make this a great Hamfest and ARRL



The November meeting is the Hamfest Wrap-up. It is an opportunity to discuss what went right and what went wrong, and how improvements can be made to next year's Hamfest

November is also the club election month. Consider running for a club officer position or as a Board Member. Holding an office or board position will give you a say in shaping the future direction of ACARTS. Let me know if you are interested, and I can explain the duties of the desired position, and get your name on the ballot.

Central Division Convention. Now is the time to reserve your table if you plan on offering your treasures for sale. We always need workers at the Hamfest. If you worked last year and have not been contacted by a manager about your intentions to work this year, let Jim, KB9IH, know your desire to work and your availability. If you a new ham and have not helped out at Hamfest in the past, working for a couple of hours is a great opportunity to become involved with the club. Let Jim, KB9IH, know that you would like to work and what days and hours you would be available. I'm sure that he can find something for you to do. Most importantly, if you don't want a table and don't plan to work, plan on being there as an attendee.

Mark your calendars for Tuesday, December 18th. That is the date of the ACARTS Christmas Dinner. It will again be held at Hall's Guesthouse, but it will be held at 6:00 p.m., an hour earlier than in the past. I will begin taking reservations on the first of December.

73,

Dave Lindquist, W9LKH

President

ACARTS OCTOBER 2018 BOARD MEETING MINUTES

Dave announced that the October meeting would be a presentation by Jay Farlow, W9LW, on SKYWARN net procedures, and that the November meeting would be Hamfest wrap-up and club elections.

Remember that there is a banquet on Saturday evening of the Hamfest featuring the ARRL President, Rick Roderick, K5UR, as the guest speaker. Tickets are limited, so if you want to attend, get your reservation and payment in now. A link to information on how to make reservations is on the ACARTS, Fort Wayne Hamfest web page, under Hamfest, General Info.

November 20: Hamfest Wrap-Up.

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.



ACARTS Officers

President

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Vice President

Joseph Lawrence, K9RFZ
(260) 373-1986
k9rfz(at)yahoo.com

Secretary

TJ Walker, W9QHY
260-704-0235
w9qhy(at)aol.com

Treasurer

Howard Pletcher, N9ADS
260-747-5252
hrpletch(at)gmail.com

ACARTS Managers

Manager for Hamfest:

Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

Station Managers (Acting)

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net
and

Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

W9INX Trustee:

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Directors at Large

Bob Erb, N9PWM
260-466-7772
roberterb(at)hotmail.com

Bernie Holm, K9JDF
260-485-0164
bgholmmg(at)earthlink.net

Dave added that the Christmas Dinner would be December 18th, at 6:00 p.m. at Hall's Guesthouse.

Preparations for the Hamfest/Central Division Convention were discussed.

The meeting was adjourned at 8:05 p.m.

Submitted by Dave Lindquist, W9LKH

ACARTS OCTOBER 2018 GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

After introductions, Dave asked if there were any new hams with a membership letter present. None were present, but Chris, KD9LRW, arrived shortly thereafter, presented a letter, and joined the club.

Dave announced that the November meeting would be the Hamfest Wrap-up and the club elections. He asked if there were any nominations from the floor.

Dave added that the Christmas Dinner would be at 6:00 p.m. on December 18th, at Hall's Guesthouse, and that it would be an hour earlier than in the past.

Jay Farlow, W9LW, gave a presentation on SKYWARN procedures.

A Hamfest Steering Committee Meeting followed the ACARTS meeting.

Submitted by Dave Lindquist, W9LKH.

46th FORT WAYNE HAMFEST HOSTING THE ARRL CENTRAL DIVISION CONVENTION



ARRL Forum Saturday 10:00 AM

President Rick Roderick K5UR

Central Div. Director Kermit Carlson W9XA

Central Div. Vice Dir. Carl Luetzelschwab K9LA

Lab. Assistant Manager Bob Allison WB1GCM

Indiana Sec. Mngr. James Merry Jr. KC9RPX

Illinois Sec. Mngr. Ron Morgan AD9I

Wisconsin Sec. Mngr. Patrick Moretti KA1RB

ARRL Banquet Promotion Saturday 5:30P

Buffet BBQ Beef Brisket and/or Sautéed Chicken Breast.
Ticket \$25. Attendance limited to 70. First paid gets the tickets. Reserve at www.fortwaynehamfest.com Get the

- Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday
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- Tables:
\$25 Regular (8ft),
\$50 Premium (8ft),
\$30 Electricity

ARRL
Special Event Station
W1AW/9

Admission: \$6 Sat & Sun, \$3 Sun only
Children under 12 free (with adult)
Parking is \$6 this year.

NOV.
17&18
2018

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



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/



Carl Luetzelschwab, K9LA

Last month's column looked at two ways to use a 40m dipole on 15m without resorting to an antenna tuner. As a review, the SWR of a 40m dipole cut for 7.15 MHz would be less than 2.0:1 across the 40m band using 50-ohm coax, and the SWR would be less than 5.0:1 across the 15m band. That 5.0:1 SWR would likely shut back a transceiver with a broadband solid-state RF power amplifier.

One solution offered last month would be to trim the dipole to resonance at the middle of the 15m band instead of resonating it in the middle of the 40m band. The resulting SWR across 15m would be less than 2.5:1 using 50-ohm coax, while the SWR across the 40m band would be less than 3.8:1. Overall that's a bit better than cutting the dipole for resonance at 7.15 MHz.

The other solution offered last month would be to cut the dipole for resonance at 7.15 MHz and use mid-span loading (see the explanation of this in the October column) on each side of the dipole. The SWR across the 15m band would be less than 2.8:1 using 50-ohm coax, while the SWR across the 40m band would be less than 2.0:1. Again, this is another improvement.

The next iteration we'll look at is a lumped-element network at the antenna. I will limit this to two components to keep it simple. Thus, it will be either two capaci-

USING A 40M DIPOLE ON 15M

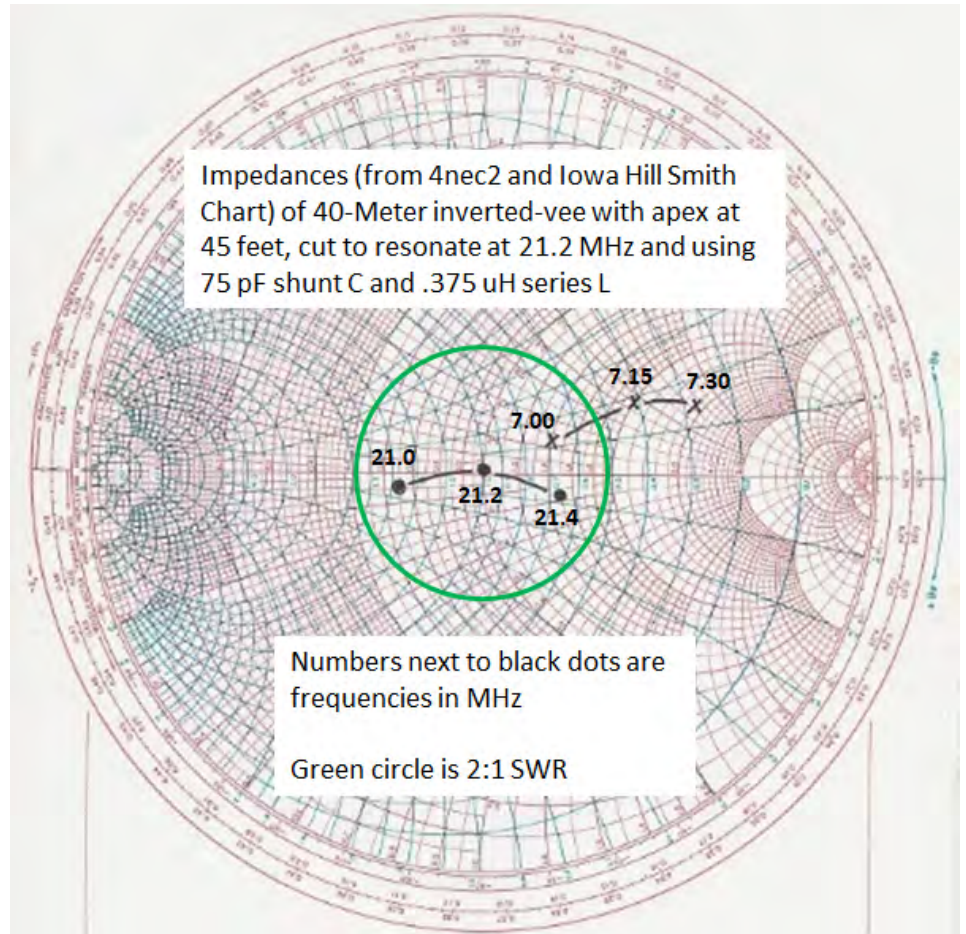
tors, two inductors or a capacitor and an inductor.

After much playing around with a Smith chart, I found the best solution to be resonating the dipole in the middle of the 15m band and implementing a shunt capacitor (75 pF) followed by a series inductor (0.375 uH). The resulting impedances on 40m and 15m are shown on the accompanying Smith chart. Further tweaking of the values can move the 15m impedances to the left to bring the 40m impedances a bit to the left also. See the accompanying table for a summary of all the results. The last entry in the table is about as good as it gets with two lumped-elements.

Using three lumped-elements would likely lower the SWRs even farther, but I'd need to get more capable Smith chart software to analyze this. One such free package is SimSmith from AE6TY.

Reminder – ARRL Central Division Convention

This year's Ft Wayne hamfest is November 17 and 18. In addition to a banquet in the Coliseum (visit the ACARTS web site at <http://acarts.com/hfmain.htm> to make your reservations), we'll have a Special Event station signing W1AW/9. If you'd like to operate W1AW/9 on Saturday of the hamfest (or on Wednesday, Thursday and Friday before the hamfest), e-mail me at k9la at arrl.net.



	max SWR 40m	max SWR 15m
dipole cut for 7.15 MHz	2.0:1	5.0:1
dipole cut for 21.2 MHz	3.8:1	2.0:1
dipole cut for 7.15, mid span loading	2.0:1	2.8:1
dipole cut for 21.2 MHz, lumped elements	3.7:1	1.5:1
dipole cut for 21.2 MHz, tweaked lumped elements	2.5:1	2.0:1



November 17, 2018 Forum Schedule

	A	B	C	D	
1	Saturday	Red Room	White Room	Archer Room	
2	9:00	9:00-12:00 VE TESTING by W5YI Cost is \$14.00 Required: Photo ID & one other form of identification Copy of current license if upgrading			
3	9:15				
4	9:30			9:30-10:00	
5	9:45			West Mountain Radio	
6	10:00			10:00-11:00	
7	10:15			ARRL Forum	
8	10:30			Rick Roderick K5UR ARRL President Kermit Carlson W9XA ARRL Director Central Division Carl Luetzelschwab K9LA ARRL Vice Dir. Central Div. Bob Allison WB1GCM ARRL Product Review Engineer James Merry Jr. KC9RPX ARRL Indiana Section Mngr Ron Morgan AD9I Illinois Sec. Mngr.	
9	10:45				
10	11:00			CHANGE OVER 11:00-11:15	
11	11:15			11:15-12:15	
12	11:30		RFI FORUM		
13	11:45		by Steve Nardin W9SAN		
14	12:00	CHANGE OVER 12:00 - 12:15		CHANGE OVER 11:45 - 12:00	
15	12:15	12:15-1:15 AMSAT by Gerd Schrick WB8IFM Steve Coy K8UD	CHANGE OVER 12:15 - 12:30	12:00-1:00	
16	12:30			12:30-1:45	
17	12:45			VHF/UHF Digital Voice and System Fusion Introduction	
18	1:00			by Mark Thompson WB9QZB	
19	1:15		CHANGE OVER 1:15 - 1:30		CHANGE OVER 1:00 - 1:15
20	1:30			1:15- 2:00	
21	1:45	1:30-2:30 Young Ladies Radio League by Rhonda Curtis WS9H	CHANGE OVER 1:45 - 2:00	QST Product Review	
22	2:00			by Bob Allison WB1GCM ARRL Product Review Engineer	
23	2:15			CHANGE OVER 2:00 - 2:15	
24	2:30		CHANGE OVER 2:30 - 2:45		2:15- 3:00
25	2:45			ARES	
26	3:00	2:45-4:00 Indiana Repeater Council by Bob Burns W9BU	by Jim Moehring KB9WWM ACEC	The Work Of The ARRL Laboratory	
27	3:15			by Bob Allison WB1GCM ARRL Product Review Engineer	
28	3:30		CHANGE OVER 3:00 - 3:15		CHANGE OVER 3:00- 3:15
29	3:45			3:30 Clear room out for Banquet setup	3:15- 4:00
30	4:00			ARRL CENTRAL DIVISION BANQUET	GETTING ON 630M / QRP
			start at 5:30	by Jim Pliett and by Bill Kelsey N8ET	

THE FOXHUNT CHRONICLES FOR THE OCTOBER HUNT

The October foxhunt occurred on a cool, foggy, rain threatening fall day, that being 7 October 2018. We were back up to the usual foxhunt team strength of three. Team one consisted of Charles Ward, KC9MUT and Fred Gengnagel, KC9EZP. Team two included Steve and Linda Nardin, W9's SAN & LAN. Team three was composed of Don Glick, K9LI, his wife Julie and her father Ed.

Jim Pliett, K9OMA, Carole Burke, WB9RUS and Al Burke, WB9SSE served as the fox for this outing. They had previously scouted out a publicly accessible hide location in the Cedar Creek area north of the city that they had concluded was a suitably evil spot, and had gone to some lengths fabricating a fairly clever camouflage scheme to hide the microfox. Much to their horror, when they arrived at the site around 13:00, they found that access to the site had been barred by virtue of a padlock. Panic ensued. They started driving around aimlessly looking for a spot to stop, got thoroughly lost, and finally wound up at the corner of Lanyard Lane and Cable Trail, just north of East Cedar Canyons Rd. and east of Coldwater.

Jim taped the microfox to a small, loose tree branch he found and attempted to push the tree branch up into a tree to make it a little more challenging to spot. Much to our horror, again, the microfox



came loose from the branch and fell to the ground amongst a lot of ground cover. Panic ensued, for the second time, as we had a hard time finding the microfox amongst all that ground clutter. And time was running out. (We thought it ironic that we had not brought OUR hand-held foxhunting gear along to help us locate the errant microfox). But we were eventually successful and stuffed that puppy up into the tree, just in time to start the hunt at 13:30.

The high-power fox was heard right off the bat at the Corbin Memorial Park starting point where the three foxhunt teams were located at the start of the hunt. They moved out and headed north. The Nardin's were using a new roof mounted quad that had a few bugs in it according to Steve so some of his DF bearings were erratic. Charles told me that as he got close to the Cedar Creek area his readings indicated that the fox was in a residential area he was familiar with since he had relatives that used to live out that way. He reasoned that the area being private property, we couldn't be located there since we're not supposed to use private property for hid locations. So he initially discounted those readings and he and Fred went off on some wild goose chases.

As it turns out Charles was correct. While we were not on private property in Jim's van parked as we were on Cable

Trail, we had had to emplace the microfox on private property. So technically we had bent foxhunt rules.

Anyway, after about forty-five minutes into the hunt Don Glick came walking around the corner of Lancer Lane and Cable Trail, portable yagi in hand. He had localized the fox. After about ten minutes crawling through the forest he located the microfox. Roughly one-half hour later Charles and Fred arrived, and they located the microfox after another ten minutes of exploring the forest. Finally, Steve and Linda showed up and Steve found the microfox in about twenty minutes of thrashing through the trees and undergrowth.

Following the hunt everyone transitioned over to Steak-N-Shake on Coldwater to partake in a well deserved meal. The food was good, but the service was a little disappointing.

Since Don Glick and crew were the first to find the fox, they will serve as the fox for the November hunt which will be the



THE LAST FOXHUNT OF 2018 - NOVEMBER 4

All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

last hunt of this year. It will occur starting at 13:30 on 4 November from the Corbin Park starting point. Please join us. You are sure to have fun, and to learn something, and we will relish the competition.

The scores for this month's hunt and for the year-to-date are as follows:

Call	Score This Month	Year to Date
WB9RUS	5.33	24.83
WB9SSE	5.33	25.83
K9OMA	5.33	27.33
KA9YYI	0	19
KC9MUT	2	29.5
KC9EZP	2	26.5
KB9RLW	0	9
KC9UHU	0	5
W9SAN	1	15.33
W9LAN	1	14.33
Alex	0	12.33
K9LI	4	17
Kathy	0	11
AB9IZ	0	2
KD9LFW	0	5
JULIE	3	14
ED	3	3

73's,

Al Burke, WB9SSE



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**.

FOR SALE

Cushcraft 2-meter "boomer 32-19" long yagi (in use 8 years). A very similar antenna in today's catalog is \$370.00. Asking price: \$75.00.

Cushcraft 10-meter antenna "TEN-3" 3-element Yagi (in use 21 years). Today's catalog lists the same antenna at \$300.00. Asking price: \$60.00.

Both antennas are in very good condition and ready to install. All proceeds go to my Eagle project. For more info, call Jim at (260) 447-1225

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

ARRL SWEEPSTAKES CONTEST, CW			ARS SPARTAN SPRINT			PODXS 070 CLUB TRIPLE PLAY LOW BAND SPRINT		
NOVEMBER 3, 2100Z	NOVEMBER 5, 0300Z		NOVEMBER 6, 0200Z	NOVEMBER 6, 0400Z		NOVEMBER 10, 0000Z	NOVEMBER 12, 2359Z	
1.8-28	-	CW	3.5-28	-	CW	1.8-7	-	DIGITAL
SERIAL, PRECEDENCE, YOUR CALL, CHECK, SECTION			RST, SPC, POWER			RST, SPC		
www.arrl.org/sweepstakes			http://arsqrp.blogspot.com/			http://www.podxs070.com/		
10-10 INTERNATIONAL FALL CONTEST, DIGITAL			4 STATES QRP GROUP SECOND SUNDAY SPRINT			ARRL SWEEPSTAKES CONTEST, SSB		
NOVEMBER 10, 0001Z	NOVEMBER 11, 2359Z		NOVEMBER 12, 0100Z	NOVEMBER 12, 0300Z		NOVEMBER 17, 2100Z	NOVEMBER 19, 0300Z	
28	-	DIGITAL	1.8-28	-	PHONE, CW	1.8-28	-	PHONE
NAME, MBR OR "0," SPC			RS(T), SPC, MBR OR POWER			SERIAL, PRECEDENCE, YOUR CALL, CHECK, SECTION		
http://www.ten-ten.org/			http://www.4sqr.com/index.php			http://www.arrl.org/sweepstakes		
HOMEBREW AND OLDTIME EQUIPMENT PARTY			ARRL EME CONTEST			ARRL 160-METER CONTEST		
NOVEMBER 18, 1400Z	NOVEMBER 18, 0200Z		NOVEMBER 24, 0000Z	NOVEMBER 25, 2359Z		NOVEMBER 30, 0000Z	DECEMBER 2, 2359Z	
3.5-7	-	CW	-	50-1296	PHONE, CW, DIGITAL	1.8	-	CW
RST, SERIAL, CLASS			SIGNAL REPORT			W/VE: RST, SECTION; DX: RST		
http://www.qrpcc.de/contestrules/			http://www.arrl.org/eme-contest			http://www.arrl.org/160-meter		

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: 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.			Notes: 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			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
						W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
						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:			

Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at [AB9ZD\(at\)ARRL.NET](mailto: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.

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!

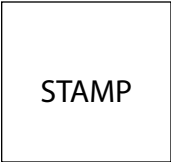
Special Event Stations This Month		
25 Lighthouses in the SouthWestern Desert		
Nov 1-11	0000Z-2359Z	N7A-N7Z
http://lbara.org/		
The Lincoln's Gettysburg Address Anniversary		
Nov 9-20	0300Z-0300Z	W1G
https://www.qrz.com/db/w1g		
Honoring Veterans for Veterans Day		
Nov 10	1500Z-2200Z	W0FSB
https://www.qrz.com/db/w0fsb		
American Legion National Salute to Veterans		
Nov 11	1800Z-2359Z	N9V
https://www.legion.org/hamradio		
NRA's 147th Birthday Party		
Nov 17	1500Z-2359Z	K7NRA
http://www.w7yrc.org/nrabirthday/		

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
11/04/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
11/09/2018	7:00 PM	FWRC General Meeting	GSUMC
11/13/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
11/17/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/18/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/20/2018	7:00 PM	ACARTS General Meeting	Red Cross Center
12/04/2018	7:00 PM	FWRC Board Meeting	GSUMC
12/11/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
12/14/2018	7:00 PM	FWRC Christmas Banquet	GSUMC
12/18/2018	6:00 PM	ACARTS Christmas Dinner	Don Hall's Guesthouse