



Parrot Rd Repeater
Project and the Last
Foxhunt of 2016

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Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

November 2016
Volume 17
Issue 11

THE FORT WAYNE HAMFEST IS THIS MONTH - DON'T MISS IT!

For the latest information on the Fort Wayne Hamfest
and Computer Expo, go to:

www.fortwaynehamfest.com/hfmain.htm

Download latest the flier for the 2016 Fort Wayne
Hamfest & Computer Expo at:

www.fortwaynehamfest.com/images/2016%20FLYER%20I.pdf



FORT WAYNE HAMFEST & Computer Expo

44th Year

Allen County War
Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking \$5 per vehicle)

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

- 2016 ARRL IN State Convention
- WAS & DXCC Checking
- New & Used Ham Dealers
- Main & Hourly Prizes
- Equipment Check-out table
- Talk-in 146.880-
- Forums Sat only (see the website)
- Tables: \$25 Regular (8ft)
\$50 Premium (8ft)
\$30 Electricity

Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday

NOV

12&13

2016

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

Get the latest information at

www.fortwaynehamfest.com

If you would be willing to help out at the Hamfest, please
contact Jim Boyer, KB9IH. He's at:
260-489-6700 or [kb9ih\(at\)arrl.net](mailto:kb9ih@arrl.net)

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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

THE PRESIDENT'S CORNER

November already! Boy, where has the time gone to! This is one of the busiest months out of the year, as everyone starts to ramp up for the holiday season, and prepare for the winter before us. It is also time for our local Hamfest, put on by our friends at ACARTS, whose dedication and hard work make this event possible. It is my intention to be at the hamfest both days, and I look forward to seeing as many of you as is possible.

As in previous years, the Fort Wayne Radio Club will be offering an incentive to entice people to renew their yearly dues before the end of the year. This year, it has been decided to offer a dual band radio, most likely a 2m/220 radio, to be won by whatever lucky call is drawn from the list of early renewals received by 1pm on Sunday the 13th of November (the last day of the hamfest).

This month is also the last foxhunt of the calendar year, and it should be a good time that everyone is encouraged to participate in. Even if you have no desire to hot rod around town with an antenna sticking off the roof of your car, you can still help out and join the fun from home. All you need to do is listen for the fox to transmit on 146.43, and then get on the intercom frequency of 146.76, and let the hunters know if you heard the fox, what the signal strength is, and if you have a beam, what direction the signal came from. Every little piece of data helps when trying to locate a rogue signal.

I also plan to keep all members updated as to how our fund-raising efforts are progressing as it pertains to the Parrot Rd project. Just to remind everyone, this project is aimed at placing two antennas,



with feed line, at the 280 ft level on the WLDE transmission tower location on Parrot Rd. Our goal is to place the 146.94 repeater, along with the D-Star 440 system at this location. As it stands, this is

quite the expensive undertaking, which is why we have undertaken this fund-raising push. We have several persons in the club that have pledged to match up to a total of \$1500 in donations, which would place us at \$3000 to offset the expense for this project. ACARTS has also pledged to match up to \$1500 in donations, which would place us at \$4500 for the project, assuming we can raise \$1500 from the club membership.

At our last club meeting, we received \$230 in donations for this project, when added to the previously donated funds, places us at a touch over \$500 towards the \$1500 goal! When you factor in the pledged matching funds, this places almost \$1500 towards our project fund! I have every confidence that we as a club will raise to the occasion, and will meet the goal we have set before us.

Whether it be \$5 or \$100, it all helps, and your donation does make a difference.

Hope to see you at the Hamfest!!

Charles Ward, KC9MUT



November 11: To Be Announced.

Officers

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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.

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 21 October, 2016 and was hosted by club president Charles Ward, KC9MUT. There were about 40 people in attendance. After reciting the Pledge of Allegiance everyone present introduced themselves via their call sign.

Charles re-opened nominations for the election of FWRC Officers and the Board of Directors for 2017. No new names were put into nomination relative to those identified as willing to serve at the September club meeting, with the exception of Fred Van Kempen, KA4YBR who allowed his name to be put into nomination as Communications Manager. So the ballot turned out to be as follows:

President: Charles Ward, KC9MUT
V.P.: Carole Burke, WB9RUS
Secretary: Al Burke, WB9SSE
Treasurer: Bob Streeter, W8ST
Communications Manager:

Fred Van Kemper, KA4YBR

Board of Directors: Tom Rupp, KU8T
Steve Nardin, W9SAN
Linda Nardin, W9LAN
Paul Prestia, KA3OPZ
Kim Machamer, KB9DOS

When the ballots were counted, the results for the Officers and Board of the FWRC for 2017 were as follows:

President: Charles Ward, KC9MUT
V.P.: Carole Burke, WB9RUS
Secretary: Al Burke, WB9SSE
Treasurer: Bob Streeter, W8ST
Communications Manager:

Fred Van Kemper, KA4YBR

Board of Directors: Tom Rupp, KU8T
Steve Nardin, W9SAN
Linda Nardin, W9LAN
Paul Prestia, KA3OPZ

We want to thank all those who were willing to run for various positions, and can only comment that it's a little disappointing that we cannot induce more club members to put their names in contention when invited to participate in setting the direction of the club.

Bob Streeter, W8ST provided the status of the club treasury as follows:

Income year-to-date	\$2,203.33
Expenses year-to-date	\$3,524.00
Cash-on-Hand	\$ 107.33
Checking Account	\$3,144.61
Savings Account	\$7,821.92
Number of Club members:	130

Al Burke, WB9SSE reported that progress has occurred on the efforts to implement the WLDE/Parrott Rd. repeater project, (a.k.a., the Parrott Rd. Initiative). The lease agreement with WLDE's owners, Sarkes-Tarzian, Inc. has been signed so we know we actually have a new home for the 146.94 repeater. Terry Bowman, K9FMX and Jim Pliett, K9OMA have figured out how to implement cooling in the equipment enclosure we acquired, and have started making the modifications to the enclosure to accomplish that task. Rich Meyer, K9DMA has offered to fabricate the tower side-mounts needed to position the antennas on the side of the tower at about the 290' level. Paul Prestia, KA3OPZ has just about finished integrating the Fusion repeater with our existing (146.94) CAT-1000 controller and a new duplexer that will be installed in the equipment enclosure. Al Burke and Tom Rupp are supplying him with two Fusion capable radios to use to test the digital function of the Fusion repeater. Once that is done it will be reinstalled back at

the Parkview site for test and burn-in until the new site at WLDE is complete. Al & Paul have surveyed the WLDE site and have determined where the enclosure will be located (at the base of the tower), and have determined the details of the trench that must be excavated in order to run power from the WLDE transmitter building over to our enclosure, (about a 40' long, six inch trench used to bury 1/2" conduit). We must also install about a 30' run of conduit inside the WLDE building to get to the building electrical service panel.

Bob Streeter reported that so far \$220.00 in donations from club members towards the Parrott Rd. Initiative are confirmed. And at least another \$300.00 in donations are in the works at the present time. If we can identify follow-on donations of \$1,000.00 we will meet our initial goal of \$1,500.00 in donations. Those funds will be matched by several club members who have pledged to cumulatively match donations up to \$1,500.00. And in addition, ACARTS has agreed to match an additional amount (up to \$1,500.00) such that we will accumulate a total of \$4,500.00 towards financing the Parrott Rd. Initiative. In other words, for every one dollar we can obtain from donations or other sources, we will realize an additional two dollars towards the Parrott Rd. Initiative. So one dollar donated results in a total of three dollars. At present



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State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

The Fort Wayne Hamfest is less than two weeks away. If you would like to work at the Hamfest and have not yet been contacted, e-mail or call Jim Boyer, KB9IH, as soon as possible and let him know of your desire to work and the times that you will be available. Jim can be reached at KB9IH(at)arrl.net or 260-489-6700.



The November board meeting will be a joint board meeting between ACARTS and FWRC. It will be held at 7:00 p.m. on November 8th at Good Shephard United Methodist Church at Reed Road and Vance Avenue.

The November general meeting on the 15th will be our usual November meeting, Hamfest Wrap-up and club elections.

The ACARTS Christmas dinner will be held on December 20th, again at Hall's Guesthouse. Mark that date on your calendars. I will begin taking individual reservations next month.

I hope to see all of you at the Hamfest.

73,

Dave Lindquist, W9LKH

President

Remember that the club elections for 2017 are held in November. Many of the club officers and board members have held these positions for many years. The board could always use new members with fresh ideas to move the club forward. Please consider running for an office or board position. Let me know if you would like to be placed on the ballot or contact me if you would like information as to what each position entails.

ACARTS GENERAL MEETING OCTOBER 18, 2016

Meeting called to order by Dave, W9LKH at 7:00 PM.

Hamfest is November 12-13, 2016.

Next's months meeting November 15, 2016 is Hamfest recap.

December 20, 2016 is our annual Christmas party. RSVP to Dave, W9LKH.

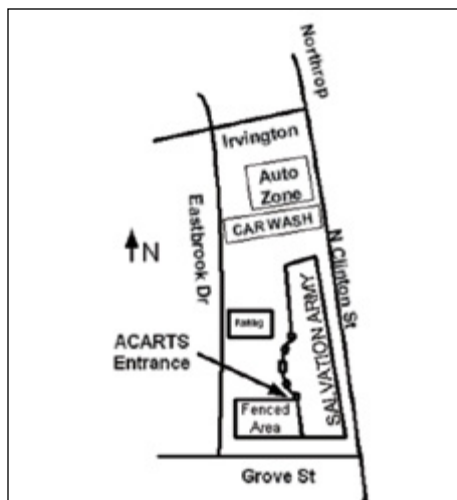
Larry, KF9YP our director at large will be unable to fulfill his position. Norm, KD-9HAV is considering filling this position. We may also need a vice-president as Dave, WB9UNL has had a stroke. Bernie, K9JDF will talk with Dave.

Larry Soughan, WB3ELM called thanking the club for paying the shipping cost of the equipment he sent to the club. He said he has more to send in the future.

It was mentioned that ACARTS has not received a response from The Fort Wayne Radio Club for the repeater matching gift fund. Joseph, K9RFZ said FWRC has al-

November 15: Hamfest Wrap-up and club elections.

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Salvation Army Center, 2901 N. Clinton Street, Fort Wayne, IN.



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President

Dave Lindquist, W9LKH
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ready collected \$1,500.00. ARCARTS had not received notification of the actual amount. Howard, N9ADS would like a written statement indicating actual money in hand, not commitments of money promised.

ARRL Indiana Section Amateur of the Year nomination form was handed out for members to fill out for nomination. The vote of our nomination is for Bill McAlpin, WD9GIU.

Joseph, K9RFZ brought a sign to display at the Hamfest Test Center stating liability of a product purchased and is used at the test center to check the product out, that the club will not be held liable.

Second FWRC would like to have a joint board meeting in November. Both boards meet at the same day and time. We have agreed to meet next month November 8, 2016 at 7:00 PM at Good Shepherd United Methodist Church.

Our meeting tonight is to finalize plans for the Hamfest. Jim, KB9IH brought the materials for organizing into their respective order for mailing into an assembly line.

Our thanks to Jim, KB9IH for bringing the materials and especially to Dave, W9WEL for assembling the materials throughout the meeting.

Meeting was adjourned at 8:00 PM.

Submitted by TJ Walker, W9QHY

ARRL CALENDAR 2017

The 2017 ARRL calendar features photos from the year-long ARRL National Parks on the Air event. In 2016, Amateur Radio helped celebrate the 100th anniversary of the U.S. National Park Service.



www.arrl.org/shop/ARRL-Calendar-2017/

ACARTS OCTOBER 2016 BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that the October meeting would be Hamfest preparation. He added that the November meeting would be Hamfest Wrap-up and the club elections. The December meeting will be the annual Christmas Dinner.

Dave asked the board members to think about any members that they would like to see run for office for next year and to let him know their recommendations.

Dave stated that he had received an e-mail from Bob, W8ST, from the Fort Wayne Club that the tower project at WLDE was moving forward and that they

would accept the donation that ACARTS had promised. Dave confirmed with the board that ACARTS had voted to provide matching funds up to \$1500 for every dollar that FWRC collected from its members. Dave said that he would e-mail Bob to get more details on how their fund raising was progressing.

Jim, KB9IH, brought a few items about the Hamfest up for discussion.

No other business was discussed.

The meeting was adjourned at 8:20 p.m.

Submitted by Dave Lindquist, W9LKH

**ANYONE INTERESTED IN HELPING OUT AT THE HAMFEST CAN
CONTACT JIM BOYER, KB9IH AT:
260-489-6700 or kb9ih(at)arrl.net**

FORT WAYNE HAMFEST VENDOR'S LIST

The following commercial vendors are registered for 2016 as of October 20:

Alpha Antenna	Greenwood, MO	MFJ/Ameritron	Starkville, MS
Amateur Accessories	Champaign, IL	MFJ/Hy Gain/Cushcraft	Starkville, MS
Andromace Enterprises	Elkhorn, WI	MFJ/Mirage/Vectronics	Starkville, MS
Batteries America	Middleton, WI	Norm's Fabrication	Adrian, MI
Chicago Surplus	Trevor, WI	Quicksilver Radio Products	Meriden, CT
CRV Communications	Oaklandon, IN	R & L Electronics	Hamilton, OH
Debco Electronics	Cincinnati, OH	Satellite Headquarters	Lynchburg, VA
EAE Sales	Grabill, IN	Sign Man of Baton Rouge	Baton Rouge, LA
Everdry Waterproofing	Fort Wayne, IN	Surplus Hound	Williston, SC
Follrod Sales LLC	Fort Wayne, IN	Tech-Bond Solutions	Carroll, OH
Gold Medal Ideas	Buffalo Grove, IL	Tower Electronics	Green Bay, WI
Ham World	Talladega, AL	Transel Corporation	Oregonia, OH
Hinsey Electronics	New Castle, IN	WOTOK Books	Delano, MN
Hunter Electric Service	Franklin, OH	Webster Communications	Rochester Hills, MI
J & J Surplus	Warsaw, IN	William Perry Co. Inc.	Louisville, KY
Jerocho Prints	West Chester, OH	Wolf River Coils	Fremont, WI
Kanga US	Findlay, OH		
MFJ Enterprises Inc.	Starkville, MS		



Carl Luetzelschwab K9LA

Many years ago I took advantage of a great opportunity to acquire a Ten-Tec OMNI 7. I already had an OMNI 6 Plus for the main station and I was extremely happy with it. The main reason for getting the OMNI 7 was to someday hook it up for remote operation – it had an Ethernet port and was touted to be easy to remote.

The years passed and the only operation I did with the OMNI 7 was on 6-Meters (the OMNI 6 does not have 6-Meters). Sure, I had thought about remoting the OMNI 7, but nothing ever pushed me into remoting it.

Until the Indiana Bi-Centennial, that is. In celebration of Indiana's 200 years since becoming a state (1816), there have been many Indiana special event stations throughout the year. I signed up to operate the special event station W9I (Whiskey Nine India) at this year's Fort Wayne Hamfest. My thought was to remote to the OMNI 7 at home instead of setting up

ADVENTURES IN REMOTING

a station at the Coliseum. So I dug out the OMNI 7 manual and started reading.

My first task was to update the firmware in the OMNI 7 to the latest version. Unfortunately, Ten-Tec is out of business, but thankfully the firmware is still available on the web. I downloaded the latest update, and installed it.

Then I talked to David KC8ZH here in Fort Wayne. David remotes his OMNI 7, so he gave me lots of good hints based on his experience. After going through IP addresses, UDP codes, etc., I tried to remote the OMNI 7 using my mini-laptop – but no luck. I talked to Gary KC9GGV about ports and other Internet stuff, but I still couldn't get the OMNI 7 into the remote mode.

Next Jim KR9U came over, and we went through port forwarding menus to set up my router to handle UDP packets and where to send them. Still no luck. Jim noticed that although the Ethernet cable was connected between the OMNI 7 and my router, the OMNI 7 and the router were not communicating. So KC8ZH took my OMNI 7 to his house and tried it in his set up – still no-go.

This wasn't good. That pointed to a problem in my OMNI 7. With Ten-Tec out of business, things were looking bleak. I figured my last hope was to take the covers off and do a visual inspection. Who knows – maybe a cable wasn't connected. Right after I opened up the OMNI 7 and looked at the little PWB (printed wiring board) that had the external Ethernet

connector on it, I saw the problem.

The cable from inside the radio to the connector on the little PWB was plugged in incorrectly – it was shifted over one pin – thus only three of the four pins were engaged (and of course they now mated to the wrong pins at the Ethernet connector). I re-seated the connector, and the OMNI 7 and router began talking. And when I executed the remote program on my mini-laptop, the laptop connected to the radio. Yay!

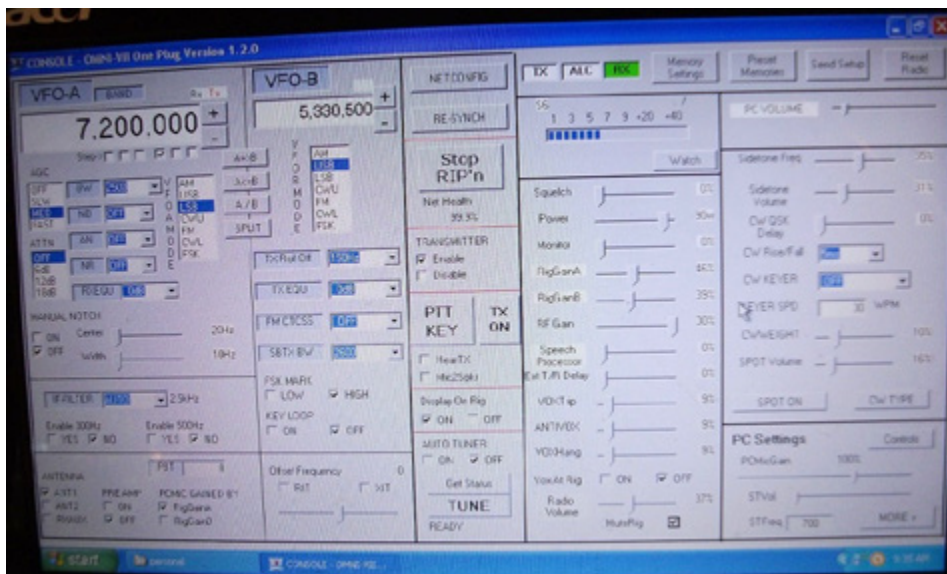
I played around on 40-Meters, and made several QSOs to prove that all was okay. I even worked a bunch of California stations on 15-Meters and 20-Meters in the California QSO Party on the first weekend of October. I also took my laptop with me to Pacificon in the San Francisco/Oakland Bay area in mid-October and played around on 40-Meters at night from my hotel room. Neat! I'm hoping all will go well with this remote set-up for the Fort Wayne Hamfest.



Want to know a little more about remoting a ham radio? The following ARRL web page has several links:

<http://www.arrl.org/link-remote-control>

Plus the ARRL has the book "Remote Operating for Amateur Radio" in the ARRL store.



DATE SET FOR 2017 SKYWARN STORM SPOTTER TRAINING

By Jay Farlow, W9LW, quadrant director, IMO SKYWARN

The National Weather Service has advised that in-person training for SKYWARN storm spotters is scheduled for Tuesday, Feb. 21, 2017 in Fort Wayne. At press time, the location had not yet been finalized but it is likely to be the same place as last year; the Public Safety Academy: Ivy Tech South Campus at 7602 Patriot Crossing on the south side of Fort Wayne.

The Aug. 24 tornado outbreak in Indiana and Ohio demonstrated the importance of having trained storm spotters in the field to provide essential ground truth to the National Weather Service.

Many readers of this article will have attended the spotter training in the past. I'm often asked, "How often must I attend?" I attend the training every year, to make sure my knowledge is current and my memory of what to look for and what to report is refreshed before the next storm season. The National Weather Service Northern Indiana office expects all spotters to take the training at least every three years.

As always, the National Weather Service advises spotters to complete the [COMET MetEd online course](#) in advance of the in-person training, because the online course contains much more detail than meteorologists can cover during their in-person presentations.



The National Weather Service will request all people who plan to attend the in-person training to pre-register online, but at press time online registration was not yet ready.

Future issues of this newsletter will contain additional details, as will the [NWS Northern Indiana website](#).

FWRC AND ACARTS REPEATERS TO BE MOVED THIS MONTH

Due to impending construction at the Indiana and Michigan Power company's Robison Park Substation, *the FWRC voice repeaters on 146.76 MHz and 444.875 MHz and the ACARTS voice repeater on 147.255 MHz and digipeater on 144.39 MHz will be off the air for most of the week of October 30.* I&M informed Al Burke, WB9SSE that the exact starting time of this outage is fuzzy right now, but most likely will start on Tuesday, November 1, and continue to the weekend. Al passed this information on to the BOD.

I&M needs to build a new structure on the exact spot that we have our repeater shack, but has offered us a much bigger and nicer structure inside the fenced substation property, right next to the tower. I&M also informed us that they will take care of any feedline moving that needs to be accomplished for us to set up inside the newer structure. Included in this building is a much bigger UPS for emergency power.

Because of the rather fast timeline, the old FWRC shack, which was donated by Raytheon company back in 2005, will

be taken down and removed by the I&M people. The building they are giving us is about 2.5 times the size and much newer.

Upon hearing this news, Jack, W9OWO, reminded us that the Northeast Indiana Amateur Radio Club has a repeater at 147.015 in Auburn which is available for use by anyone who would normally use the FWRC or ACARTS repeaters. Its coverage area includes most of Allen County.

Check your email and the FWRC web page as we will try to keep the membership up to date as all of this takes place.

73, Steve, W9SAN



More than just DX News

A great source for news about DX and Contesting is the DXNews web site that is found at:

<http://dxnews.com/>

DXNews is a 100% free resource of popular Amateur Radio DX news. Its content is provided by an international group of authors. Their Contesting web pages list relevant contesting information which includes rare activations during contests, articles and discussion pieces about contest results as well as detailed reports and pictures from contest stations all over the world as presented by ourselves and our contributors.

Their DX calendar gives the user a snapshot view of most current and future activations. Many DX'ers and Dxpeditions use this monthly calendar. The separate IOTA web pages provide IOTA hunters with a fresh one-stop source of breaking news and, as with most other news from our site, more background information about the island or entity.

THE FOXHUNT CHRONICLES

The next to last foxhunt was held on October the 2nd, and it turned out to be a fairly decent day for early October. The fox team consisted of Fred, KC9EZF, Phil, AB9IZ, and Charles, KC9MUT, and they were tasked with hiding somewhere in Allen county. There were 3 teams that showed up at Corbin Memorial Park, the start location for all of our foxhunts. The teams consisted of Steve and Linda, W9SAN and W9LAN, along with grandson Alex, the team of Al and Carole, WB9SSE and WB9RUS, along with Jim and Anne, K9OMA and KA9YYI, and the team of Jason and Deborah, KB9UOQ and KK4QXC.



As mentioned earlier, it was a decent day for early October, but that did mean the temps were a touch on the cool side, and the threat of rain showers loomed all afternoon. As it turns out, the fox team had located themselves on the River Greenway as it passes under Bluffton Rd, right on the northeast side of Indian Village Park. The high-power transmitter was running 65 watts into a 5-element folded loop fed yagi that was placed such that it was just above the road deck of Bluffton Rd, about ten feet or so from the bridge. Which means, as traffic passed, the signal did some funny things. Promptly at 13:30, the high-power transmission was heard, and all the teams went tearing out looking for that fox.

As we found out, there were several times when one or more teams could not hear a transmission, and the only thing we could think of is that the occasional tractor trailer or box truck would block or reflect the signal as we were trying to goad the hunters to our location.

As it was, it didn't take too long before the lair was located, first by Jim and Al

around 14:20, followed by Steve and Alex, then Jason and Deborah within just a few minutes. As most people know, there is usually a large amount of rock to secure the river bank from flood damage placed around bridges, and the fox placement took advantage of that. One enterprising member of the fox team had taken the time to drill out a cavity in a large stone big enough to secure the microfox, and then placed said rock into that above-mentioned rock field. I do believe that every person hunting for the fox had moved and/or placed hands on the rock containing the fox at least once, and possibly several times. All the rough handling of the rocks had eventually dislodged one of the wires going from the battery to the microfox, and Alex was the first to notice that this rock had a red wire attached to it, and therefor was the first to find the transmitter. He was followed by Steve, then Jim

CALL	MONTH SCORE	YEAR-TO-DATE
W9SAN	3	35.88
W9LAN	3	36.88
ALEX	4	24.13
KC9UOQ	1	40.6
KK4QXC	1	33.6
KC9MUT	6.67	29.34
KC9EZF	6.67	25.34
AB9IZ	6.67	6
K9DNU	-	5
KC9UHU	-	12.67
K9OMA	2	25.5
KA9YYI	2	24.5
WB9SSE	2	24.5
WB9RUS	2	24.5
KB9DOS	-	11
KB9DOT	-	11
KD9FNM	-	2
Kylie	-	4
KD9GDY	-	1
KD9GDX	-	1

and Al, and lastly by Jason and Deborah.

After some not so subtle hints as to what happens when rocks, water, and wily fox's get mixed together, everyone went to the conveniently placed Don Hall's Original Drive-In, located right next to the fox hide location, for some much-needed snacking.

Seeing as Alex and Steve were the first to find, they will be the fox for the November hunt, which will be Sunday, November 6th at 1:30 pm, starting at Corbin Memorial Park.

Charles Ward, KC9MUT

THE LAST FOXHUNT OF 2016

The foxhunts start at 1:30 PM on **Sunday, November 6**, at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

USA AMATEUR RADIO DIRECTION FINDING TEAM WINS SEVEN MEDALS

ARDF Team USA 2016 has won seven medals in Bulgaria. The Bulgarian Federation of Radio Amateurs (BFRA) hosted the Eighteenth ARDF World Championships for national teams September 3 through 9, 2016. The World Championships were preceded by the ARDF World Cup for individuals August 29 through September 2. The site was Albena on the Black Sea coast of Bulgaria. At least 39 countries participated, including USA. Formal



competitions took place on two meters and 80 meters, plus sprints and foxoring. Each country was permitted to have up to three persons per age/gender category on its team. Team USA positions were filled based on performance in recent ARDF events. USA medalled on each day of World Cup competition and also earned medals during the World Championships.

www.homingin.com/farsnews.html#wc16

FWRC Meeting Minutes - Continued

we have about 130 club members. If we could convince all 130 of them to donate an additional \$11.50 each, we would easily meet our \$1,500.00 target.

Charles Ward, KC9MUT reported on the October fox-hunt. Charles, Fred Gengnagle, KC9EZP and Phil Hooper, AB9IZ served as the fox and hid out on the St. Mary's River river-front near the Hall's restaurant around Bluffton Rd. and Vesey Ave. They placed the micro-fox amidst the ballast rock that lines the bank of the river. And this demented group hid the micro-fox in a hole that they bored into one of the ballast rocks so that it was completely invisible, innocently lying amidst all the thousands of other rocks lining the river. (I understand that foxhunter K9OMA has filed charges against them at the Geneva Convention). Foxhunters Steve & Linda Nardin's grandson Alex was first to find the fox so they will serve as the fox for the November hunt. More details and videos of this hunt should soon be available on the FWRC web page.

Jim Boyer, KB9IH announced that he is soliciting volunteers for the ACARTS Hamfest. There are many hamfest tasks that volunteers can support, and all help is greatly appreciated. Please contact Jim if you can lend a hand. He's at: 260-489-6700 or kb9ih@arrl.net

Kevin Loughin, KB9RLW demonstrated an experimental magnetic loop antenna that he was using on 40 through the bottom portion of 10 meters. Using ½ watt his beacon transmission was being copied in Boston from inside the meeting room we were using at the Good Shephard United Methodist Church. A video describing some of Kevin's experiments can be found at:

<https://twitter.com/kb9rlw>

Following the business meeting, and after some refreshments, pictures and a video of the final installation of a 70' steel tilt-over tower project at Jim Pliett, K9OMA's QTH was presented. This documented the culmination of an entire summers efforts to locate a suitable tower, remove it from its previous location at Harry Harvey, N9AR's QTH, haul it out to Jim's, repaint it and perform other maintenance activities on it, hand dig a 4'x4'x6' hole for the antenna base, pour about 4cubic yards of concrete, and then reinstall the tower. A necessary, but not often documented aspect of our hobby.

Steve Nardin, W9SAN then presented a discussion of Electronically Commutated DC motor switching noise, and how to tame it. These motors are commonly employed in the air handling portion of home heating and cooling systems and can be a significant source of noise in the LF, HF and low vhf spectrum and thus cause grief for amateur and SWL operators. Steve discussed the theory behind what causes radiated emissions from these systems and then described practical engineering solutions to eliminate them. It was a thoroughly enjoyable presentation.

The meeting adjourned about 9:00 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

Photos provided by Al WB9SSE



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 |

RSGB INTERNATIONAL SPRINT, SSB			ARRL SWEEPSTAKES CONTEST, CW			RSGB 80 METER CLUB SPRINT, SSB		
NOVEMBER 5, 1700Z		NOVEMBER 5, 2100Z	NOVEMBER 5, 2100Z		NOVEMBER 7, 0300Z	NOVEMBER 9, 2000Z		NOVEMBER 9, 2100Z
3.5-14	-	PHONE	1.8-28	-	CW	3.5	-	PHONE
YOUR CALL, OTHER'S CALL, SERIAL, NAME			SERIAL, PRECEDENCE, YOUR CALL, CHECK, SECTION			OTHER'S CALL, YOUR CALL, SERIAL, NAME		
www.rsgbcc.org/hf			www.arrl.org/sweepstakes			www.rsgbcc.org/hf		
10-10 INTERNATNL FALL CONTEST, DIGITAL			KENTUCKY QSO PARTY			ARRL EME CONTEST		
NOVEMBR 12, 0001Z		NOVEMBER 13, 2359Z	NOVEMBR 12, 1400Z		NOVEMBER 13, 0200Z	NOVEMBR 19, 0000Z		NOVEMBER 20, 2359Z
28	-	DIGITAL	1.8-28	50	PHONE, CW, DIGITAL	-	50+	PHONE, CW, DIGITAL
NAME, MBR OR "0," SPC			RS(T), COUNTY OR SPC			SIGNAL REPORT		
www.ten-ten.org			www.wkdx.com			www.arrl.org/eme-contest-1		
ARRL SWEEPSTAKES CONTEST, SSB			RSGB 80 METER CLUB SPRINT, CW			CQ WORLDWIDE DX CONTEST, CW		
NOVEMBR 19, 2100Z		OCTOBER 21, 0300Z	NOVEMBR 24, 2000Z		NOVEMBER 24, 2100Z	NOVEMBR 26, 0000Z		NOVEMBER 27, 2359Z
1.8-28	-	PHONE	3.5-28	-	CW	1.8-28	-	CW
SERIAL, PRECEDENCE, YOUR CALL, CHECK, SECTION			OTHER'S CALL, YOUR CALL, SERIAL, NAME			RST, CQ ZONE		
www.arrl.org/sweepstakes			www.rsgbcc.org/hf			www.cqww.com/rules.htm		

Classified Ads

Items for Sale

Want to Buy



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@ARRL.NET).

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.

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@ARRL.NET) several days before the first of the month.

FOR SALE

Hi-Gain Hi Tower ... Free

50-foot tall self-supporting (or guyed) tower. 80 thru 10 meters. Free - you take down and haul away.

56-Toot Tall Heights Aluminum Tower

Fold over, self-supporting tower with base and tilt screw parts. Unassembled. Asking \$300.

Call Dick Lee, W9NVU. Ph 260-627-1318

For the latest information on the Fort Wayne Hamfest and Computer Expo, go to:

www.fortwaynehamfest.com/hfmain.htm

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 \$20.00/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"/> \$20.00 / 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

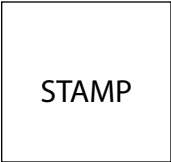
Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS PO Box 10342 Fort Wayne, IN 46851-0342	Fort Wayne Radio Club. PO Box 15127 Fort Wayne, IN 46885-5127
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For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

ACARTS AND FWRC REPEATERS		
W9INX		ACARTS
146.880 (-)	No tone	General use / Skywarn priority
147.255 (+)	No tone	General use
443.800 (+)	No tone	General use
144.390 (s)	Digital	APRS - wide
145.530 (s)	Digital	W9INX-1 Digipeater and Node
W9TE		FWRC
146.760 (-)	141.3 Hz optional	General use (Note 1)
146.940 (-)	141.3 Hz optional	General use with auto-patch (Note 1)
146.910 (-)	141.3 Hz optional	EchoLink connection repeater Node number 519521 (Note 1)
444.875 (+)	141.3 Hz	General use (Note 1)
439.25 In, 910.250 Out	ATV	144.340 Audio & control
442.99375	D-STAR	General use (Note 2)
224.780 (-)	No tone	W9FEZ, 1.6 MHz offset
Notes:		
1. Output 141.3 Hz, present		
2. Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G		

AREA NETS					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6 Meter 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 (131.8 PL disabled)
Week Days			9:00 PM	146.940-	Help and Swap Net
8:30 AM	3.820	Little Red Barn Net	Thursday		
Sunday			7:30 PM	D-STAR	Indiana D-STAR net (Note 3)
8:00 PM	444.550+	Whitley Co. Sunday (131.8 PL)	8:00 PM	50.580 AM	6 Meter AM Net
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	Saturday		
Monday			8:00 PM	146.685-	Huntington ARES
8:00 PM	224.780-	Fort Wayne 224 Net			
<p>1. All times local time. Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.</p> <p>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.</p> <p>3. 1st and 3rd Thursday, Reflector REF024B.</p> <p>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.</p> <p>5. Indiana HF Traffic Nets Web Site: http://www.inarrl.org/inhfnets.html</p>					



To:

Activities Calendar



Date	Time	Event	Place
11/01/2016	7:00 PM	FWRC Board Meeting	GSUMC
11/06/2016	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
11/08/2016	7:00 PM	Combined ACARTS & FWRC Board Meeting	GSUMC
11/11/2016	7:00 PM	FWRC General Meeting	GSUMC
11/12/2016	9:00 AM	2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/13/2016	9:00 AM	2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/15/2016	7:00 PM	ACARTS General Meeting	Salvation Army Facility
11/29/2016	7:00 PM	FWRC Board Meeting	GSUMC
12/09/2016	7:00 PM	FWRC Christmas Banquet	GSUMC
12/13/2016	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
12/20/2016	7:00 PM	ACARTS Christmas Dinner	Don Halls Guesthouse