



Repeater Status,
Elections, and Volunteers
Needed for the Fort
Wayne Hamfest
Page 2



The Fort Wayne
Hamfest Is Next Month,
Workers Are Needed,
Tables Are Available.
Page 4



Using a 40m Antenna
for 15m
Page 6

Allen County HamNews

October 2018
Volume 19
Issue 10

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

FWRC DEMONSTRATES HAM RADIOS AT THE SAFETY FAIR

September was National Preparedness Month so it was time for the 2018 Allen County Safety Fair which was held at Jefferson Pointe on Saturday, Sept. 22nd from 10:00-1:00PM. It was a good time to meet our area First Responders and see all of their fantastic toys! Visitors not only get to meet representatives from the fire department, police, the bomb squad, and hazmat unit but also see a helicopter land and have coffee with a cop. There were also activities, giveaways, demos and free Chick-Fil-A sandwiches. Representatives from the Fort Wayne Radio Club were there also to demonstrate the communications capabilities of amateur radio during emergencies.

Photos of the Safety Fair were provided by Al Burke, WB9SSE. More photos are available on page 7 and on the FWRC web page.



Also this month

Fort Wayne Hamfest	5	Classified Ads	7
School Club Roundup	5	Contests / Repeaters	10
The Foxhunt Chronicles	8	Membership App / Nets	11
JOTA Participant's Guide	9	Activities Calendar	12

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 September meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 21 September 2018.



The meeting was presided over by the club's Vice-President Carole Burke, WB9RUS. There were about 30 folks attending.

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

Paul Prestia, KA3OPZ provided the latest status on our repeaters:

The Bridge-Com unit that had been in service at the 146.91 (IPFW) site had suffered a failure that took out its transmit unit. The printed wiring board in and around the units output matching components was pretty much burned up and it was concluded that the transmit unit was not repairable. After discussions with Bridge-Com the Repeater Committee decided that the best course of action was to send the entire package back to Bridge-Com for installation of a new transmit unit and installation of the latest

firm-ware. The replacement transmit unit is on back-order from Bridge-Com's supplier and is not expected to be available unit the November time frame. The cost for repair, shipping, etc. will be around \$350.00.

Since an expenditure of more than \$150.00 requires a vote of approval by the club membership at a meeting, a proposal to spend up to \$350.00 for the Bridge-Com repair was put forward and seconded, and it was approved by a show of hands vote by those attending the meeting.

Meanwhile, the repeater Committee has all five of the club's repeaters up and running. The 146.910 system is operating using a Bridge-Com unit borrowed from the 146.760 (Robison Park) site along with a recently repaired power amplifier. It is pumping about 70 watts up the feedline and seems to be working just fine, including its Echo-Link function. 146.760 (Robison Park) is operating using our standby Motorola system running at about 40 watts. Once the Bridge-Com unit (discussed above) is repaired and returned to us we will install it at 146.760 (Robison Park) to return that system to its "normal" configuration. The 444.874 (Robison Park UHF system) is operating with



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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.

October 19: Election of officers for 2019.

its Bridge-Com system and a power amplifier and seems to be doing fine. Likewise, the 146.940 Fusion and 442.99375 D-STAR systems out at the Parrott Rd. site are functioning normally although we still have not had a chance to install a power amplifier for the Fusion system to balance out it's receive and transmit footprints.

Bob Streeter, W8ST gave the Treasurer's report. As of 21 September 2018 the club's numbers were as follows:

Income year-to-date	\$9,073.72
Expenses year-to-date	\$5,832.23
Cash on hand	\$ 130.00
Checking balance	\$2,360.91
Savings balance	\$4,828.86
Vanguard Account balance	\$5,028.88

Joseph Lawrence, K9RFZ noted that the tenth annual Safety Fair would occur tomorrow, 22 September at Jefferson Park. The FWRC had agreed to participate again this year, and to that end Charles Ward, KC9MUT planned to have the club trailer on site by 8:00 am. We will put up at least one HF station plus at least one vhf station to demonstrate the hobby to folks attending the fair. Activities will include a scavenger hunt for the children and a fly-in by the Lutheran Hospital Medevac helicopter. Volunteers to help with the club's involvement will be appreciated.

Al Burke, WB9SSE announced that he had volunteered to manage the vendor check-in function for the upcoming Fort Wayne Hamfest in November. He will be actively recruiting volunteers to help check-in Hamfest vendors Friday evening, Saturday morning and Sunday morning, November 16, 17 & 18. The tasks include handling the drive-in doors at the Coliseum, taking care of vendor paperwork and selling vendor attendance tickets during the check-in process. Anyone interested in helping out with this important Hamfest function, contact Al Burke, WB9SSE at:

aburke55@comcast.net,
260-637-1989

Likewise, Bernie Holm, K9JDF is managing internal traffic control for the Hamfest check-in function and is in need of volunteers to help with this task. If you can help out contact Bernie at:

bgholmmg@earthlink.net
260-485-0164

Carole Burke opened nominations for the upcoming FWRC elections of club officers and Board members. Elections by ballot will occur during the October club meeting. The positions to be filled, and those, so far, willing to run for the corresponding positions are:

President - Charles Ward, KC9MUT, Brian Jenks, W9BGJ

Vice President - Carole Burke, WB9RUS

Secretary - Al Burke, WB9SSE

Treasurer - Bob Streeter, W8ST

Communications Manager -

Board of Directors (four) - Steve Nardin, W9SAN, Linda Nardin, W9LAN, Paul Prestia, KA3OPZ, Brenda Plummer, KD9GDY, Clarke Derbyshire, KG9FM, Tom Rupp, KU8T (nominated in his absence).

Serving as an officer, or on the Board of Directors is by no means a daunting task. It's interesting and rewarding to interact with your fellow hams in order to keep this club vital. Some of you out there surely have had occasion to say to yourselves, "Boy, if I was the President, Vice President".....fill in the blank..."I'd have handled that problem this way".

Well, run for a position (it's only a one year commitment) and have an influence on setting the direction of this club!

Think about it. Nominations will be re-opened during the October club meeting

(19 October) just prior to the formal elections.

Following the business meeting Steve and Linda Nardin (WB9's SAN & LAN) gave an entertaining presentation, complete with pictures, on their recent trip east to visit locations of interest in and around Pennsylvania, Connecticut, Massachusetts and New York.

They were out for a week and a half and visited the US Army military academy at West Point, the Antique Wireless Museum in East Bloomfield, NY, the Medina Railroad Museum in Medina, NY, Steamtown USA in Scranton, PA, and last but not least ARRL Headquarters and W1AW in Newington, Connecticut. They got the deluxe tour of ARRL headquarters and saw areas not usually available to the everyday visitor. They also got a look at the pandemonium that breaks loose at headquarters when a humongous lightning and thunderstorm rolls into the Newington area and the ARRL staff has to scramble to disconnect and ground all of its (many) feedlines and control cables from their rather large antenna farm.

All in all a thoroughly enjoyable and educational presentation!

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Many thanks to Bill McAlpin, WD9GIU, president of the Miami County (Peru, Indiana) Radio Club, for his great presentation at the September meeting on how to grow your radio club.



The October meeting will be a presentation by Jay Farlow, W9LW, on SKYWARN net operating tips. This is not a rehash of the annual NWS training, but practical tips from the field to improve an operator's SKYWARN capabilities and participate with the Allen County SKYWARN

Team.

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.

73,

Dave Lindquist, W9LKH

President

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

November is 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.

October 16: Jay Farlow, W9LW, will have a presentation on SKYWARN net operating tips.

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 SEPTEMBER 2018 BOARD MEETING MINUTES

Dave announced that the September meeting would be a presentation by Bill McAlpin, WD9GIU, the Miami County (Peru, Indiana) Radio Club President on how to grow your ham club.

Dave added 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.



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Preparations for the Hamfest / Central Division Convention were discussed.

The meeting was adjourned at 8:15 p.m.

Submitted by Dave Lindquist, W9LKH

ACARTS SEPTEMBER 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.

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 the Hamfest wrap-up and the club elections.

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

Bill McAlpin, WD9GIU, the president of the Miami County (Peru, Indiana) Amateur Radio Club, gave an excellent presentation on How to Grow Your Amateur Radio Club.

A Hamfest Steering Committee Meeting followed the ACARTS meeting.

Submitted by Dave Lindquist, W9LKH.

ACARTS "BUY IT, TEST IT" BENCH AT HAMFEST

Have you ever bought a used piece of equipment at a hamfest and the seller told you, "It worked the last time I used it"? You get it home, power it up, and the display doesn't light up. What if you had the means to test the equipment before you left the hamfest? ACARTS will staff a "Buy It, Test It" bench located next to the club tables beside the announcer's platform (look for the sign). The bench will contain very basic test tools such as power supplies, power/SWR meter, dummy load, voltmeter, antenna analyzer, and a speaker that the current owner can use to test purchases before leaving the hamfest. The owner must be present before any testing is allowed. ACARTS will not be held responsible if damage occurs and will not mediate any seller/buyer dispute based on test results.

October 2018

FORT WAYNE HAMFEST & Computer Expo

46th 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)

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



NOV
17&18
2018

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

2018 ARRL CENTRAL DIVISION CONVENTION

Get the latest information at

www.fortwaynehamfest.com

www.facebook.com/FTWAYNEHAMFEST/

ARRL SCHOOL CLUB ROUNDUP - OCTOBER 15-19, 2018

The purpose of the School Club Roundup is for each participant to exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate as well. It is sponsored by the ARRL, its Hudson Division Education Task Force and the Long Island Mobile Amateur Radio Club (LIMARC) to foster contacts with and among school radio clubs. Award certificates will be issued for (1) Schools: Elementary, Middle/Intermediate/Junior High School, High School and College/University; (2) Non-school Clubs; (3) Individuals.

More info and complete rules are at: <http://www.arrl.org/school-club-roundup>

The scores for the spring 2018 contest have been posted. Congratulations to Bloomington High School South ARC for taking first place in the high school division and to the Purdue University ARC for taking first place in the college division. The scores for everyone who participated are at:

http://www.b4h.net/arrlscr/scr_scores201802.php



Carl Luetzelschwab, K9LA

One of the first things I learned when I was a Novice was that a 40m dipole works on 15m. I knew that a 40m dipole was approximately a half-wave long, and thus a 40m dipole on 15m would be about three half-waves long. That was simple math when I was a Novice. But I had no concept of impedances or SWRs.

My early transmitters (a DX-35 first, an EICO 720 next and finally a Heathkit SB401) didn't know anything about impedances and SWR, either. In fact, they didn't care. All were tube-type transmitters with manually adjustable PI-networks in the output. This enabled them to trans-

USING A 40M ANTENNA FOR 15M

form a wide range of antenna impedances to the proper plate load impedance at the tube(s).

So, I used my 40m dipole on 15m without a problem – except that my National NC-60 receiver didn't have an RF stage, so it was kind of deaf on 15m. That limited my QSOs to strong signals on this prime Novice DX band. When I traded up to a Drake 2-B receiver, 15m really came alive on the 40m dipole.

Nowadays our transceivers have solid-state transmitters, and they are broadband – which means they are set-up for an antenna that presents a 50-ohm load (or close to a 50-ohm load). If the antenna impedance is too far off from 50 ohms, the output power will likely be reduced. Of course, an antenna tuner will remedy this, but I prefer antennas that provide a 50 ohm (or near 50 ohm) load to my rigs.

So how would I use a 40m dipole on 15m? Let's first determine the impedances of a 40m dipole on 15m. I modeled a 40m inverted-vee (which is what I have up right now for 40m) at 45 feet, and adjusted the length so that 7.15 MHz was at resonance (zero reactance). The modeled

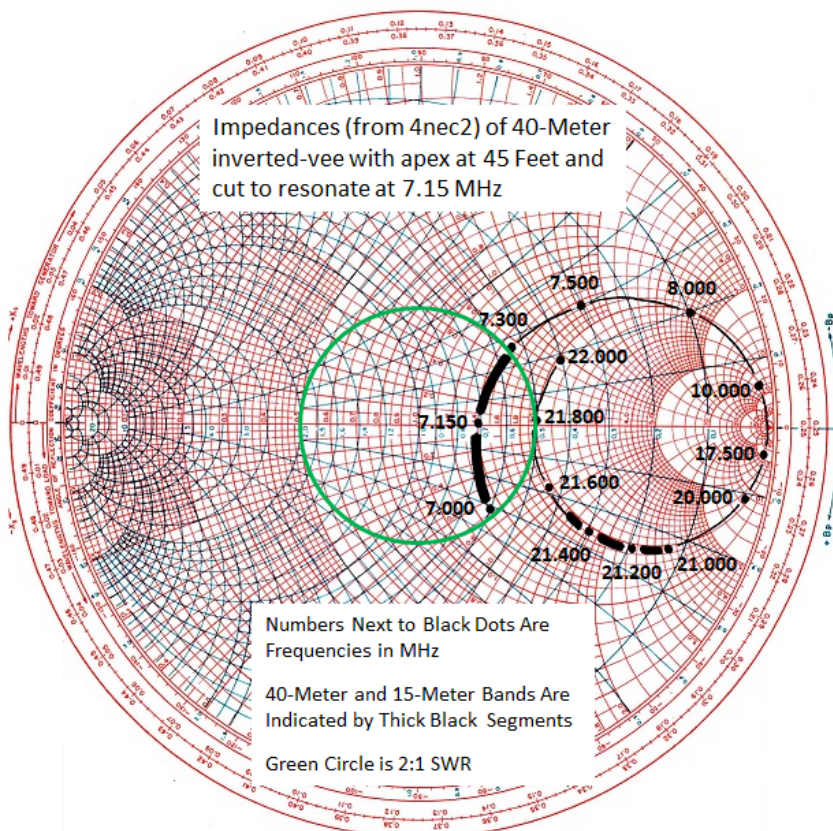
performance from 7 to 22 MHz is shown in the accompanying Smith chart. As a side note, zero reactance is the center horizontal line on the Smith chart.

You can see that the SWR of this 40m inverted-vee is less than 2:1 (within the green 2:1 SWR circle) across the entire 40m band. The impedance at 21.2 MHz (close to the middle of the 15m band) is around 100 – j120 ohms, which is just over an SWR of 5:1. The SWR at 21.8 MHz, which is another resonance, is 2:1 – but that does no good as it's above the 15m band.

In "The Doctor is In" column in the December 2016 QST (page 53), Joel W1ZR discussed this issue. He showed the SWR across the 15m band of a 40m dipole resonated at 7.15 MHz. The SWR at 21.2 MHz was 5.94:1, which is, of course, in agreement with my Smith chart plot. Joel also showed the SWR across the 40m band of a 40m dipole resonated at 21.2 MHz. The SWR across the 40m band was less than 3:1. So that could be one solution to using a 40m dipole on 15m – adjust its length for resonance on 15m and accept the resulting performance on 40m.

In "The Doctor is In" in the April 2017 QST (page 53), another solution was discussed. Several readers suggested a technique known as 'mid-span loading'. This adds 2-foot long single-wire stubs on each side of the antennas at 11.5 feet from the center. The SWR of this configuration across the 40m band is less than 2:1, and the SWR across the 15m band is less than 2.8:1. That's a bit better than the previous paragraph.

Next month we'll discuss another way to use a 40m dipole on 15m, again without using an antenna tuner.



More Photos from the Allen County Safety Fair



"GET YOUR PARK ON" OPERATING EVENT SET FOR OCTOBER

What is hoped will be the first annual "Get Your Park ON" operating event will take place October 14 – 20, in celebration of Earth Science Week. The event is open to Amateur Radio operators around the world and is sponsored by the national affiliates of World Wide Flora and Fauna (WWFF), which encourages radio amateurs to operate outdoors in protected nature parks.

For more information:

<http://www.arrrl.org/news/get-your-park-on-operating-event-set-for-october-get-your-park-on-operating-event-set-for-october>

<https://www.facebook.com/groups/get.your.park.on/>

THE FOXHUNT CHRONICLES FOR THE SEPTEMBER HUNT

Well, the September foxhunt started as usual from Cobin Memorial Park at 1:30 pm, on Sunday 10 September, on anything but a typical Indiana summer's day. It was cool, about 600 F, rainy, and windy with a thick overcast blotting out the sun. Not necessarily a nice day to hunt. Of course, that meant nothing to the hunters, after all, they are animals.

Only one foxhunting crew was able to participate in this hunt, that being the stalwart team of Jim & Annie Pliett, K9OMA & KA9YYI, plus Carole & Al Burke, WB9's RUS & SSE. The other usual suspects (hunter teams) were either convalescing from surgery or using Sunday afternoon to attend to repairs on their automobiles and antenna systems. (Some grumbled as to "How can that stuff be more important than Foxhunting?"). Then again, 10 September was the date of the Findlay Hamfest, so that might have dissuaded some other folks from participating. We plan to schedule around such events in the future.

Charles Ward, KC9MUT and Fred Gengnagel, KC9EZP served as the fox. They hid-out behind the former Hougland Elementary School (Heritage Elementary) which is of course in Hougland, on the north side of Hougland Rd. They emplaced the microfox in a copse of trees north of the school building. The microfox itself was located in a tree branch about seven foot off the deck, with its antenna oriented vertically, and was contained inside a camouflage wrapping that did a very good job of hiding it.

Charles and crew fired up the high power fox on time from behind the Hougland Elementary School building and we heard them right off the bat at Corbin Memorial Park. We noted with great joy that the DF bearing was to the south south-east, and not due east, into New Haven, where experience has taught us that electromagnetic waves involved in a fox-hunt go to die.

So we took off down Coliseum and then jogged over to New Haven Ave and just followed the DF bearings from the roof mounted 2 meter quad antenna which eventually had us driving south on Minich Rd. and into Hougland. Just



before we got into Hougland we started picking up the microfox which told us that the microfox most likely was mounted up in a tree, i.e., off the deck, since its signal is normally very weak if it is close to the ground or buried, or the evil foxes have removed the antenna.

When we drove past the former Hougland Elementary (Heritage Elementary) School building the DF bearing abruptly changed so we knew we had the fox localized, and it just about had to be located on the school building property.

When we entered the school parking lot we noticed a copse of trees about 300 feet behind the building. Jim's 2-meter hand-held yagi and my 3rd harmonic yagi both indicated that that's where the microfox had to be. So, we hoofed it back to the trees and started looking. Then we noticed a large amount of three leaved plants that shouted POISON IVY!! When I mentioned that to Charles, he said, with a wry smile, "Yes, we noticed that too". If Steve Nardin had been there, that close to the Poison Ivy, he would have evaporated!

At that point, while I stood well back from the devil weed, I encouraged Jim to look at a spot on a specific tree about seven feet off the deck where my third harmonic yagi said the microfox had to be. Charles and crew had wrapped the microfox in camo and it was not until Jim reached into the tree where the third harmonic yagi pointed and grabbed the absolutely invisible package that it became visible to us. We found the little bugger at about one hour into the hunt.

After the hunt we headed over to the Huddle House Restaurant in New Haven, just off US 30. That's the first time Carole

and I had ever been to this establishment, and I must say it was very good. We met Phil Hooper, (AB9IZ) over there who had just finished piloting a string of railroad cars into the FWA/New Haven train yards, and he joined us for our meal. All in all, it was a fine end to a fun day of foxhunting.

The Pliett/Burke will serve as the fox for the October hunt which will occur on Sunday, 7 October. The weather should be pleasant that early in October. Why don't you come join us?

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

Call	Score This Month	Year to Date
WB9RUS	1	19.5
WB9SSE	1	20.5
K9OMA	2	23
KA9YYI	1	19
KC9MUT	5	27.5
KC9EZP	5	24.5
KB9RLW	0	9
KC9UHU	0	5
W9SAN	0	14.33
W9LAN	0	13.33
Alex	0	12.33
K9LI	0	13
Kathy	0	11
AB9IZ	0	2
KD9LFW	0	5

73's,

Al Burke, WB9SSE

2018 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2018 for the remaining foxhunts. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

October 7
November 4

JOTA-JOTI PARTICIPANT'S GUIDE

TRAVEL-FREE JAMBOREE - LARGEST SCOUTING EVENT IN THE WORLD

Want to attend a Scout Jamboree without travel? Want to attend every year instead of waiting four years?

How about attending the annual Jamboree-on-the-Air and Jamboree-on-the-Internet?

JOTA-JOTI is active every year, the third weekend of October, and involves over 150 countries and typically one million Scouts. This year it will be held October 19-21. It uses modern communication technology to offer Scouts the exciting opportunity to make friends in other countries without even leaving home.

Jamboree-On-The-Air and Jamboree-On-The-Internet (JOTA-JOTI) is an official international event of the World Organization of the Scout Movement (WOSM).



JOTA-JOTI is a youth program event intended for young people in Scouting of all ages.

The purpose of JOTA-JOTI is to enable

and encourage Scouts around the world to communicate with one another by means of amateur radio and the internet, providing a fun and educational Scouting experience and promoting their sense of belonging to a worldwide Scout Movement.

JOTA-JOTI can be a great deal of fun. But it can be challenging to take in all the information on this website including all the ways you can get involved. To help with that, we've assembled this JOTA-JOTI Participant's Guide that summarizes the important aspects of this world-wide Scouting event. Plus, it provides it all in one place.

You can download the guide at this link [JOTA-JOTI Participants Guide 2018](#).

THE YOUNG LADIES' RADIO LEAGUE (YLRL) CONTEST

DX/NA YL Anniversary Contest

October 6th-8th, 2018

1400 UTC-0200 UTC

SSB/CW/Digital

Rules for all YLRL contests:

<http://www.ylrl.org/index.php/contests-and-dx-awards>

There have been many controversies over the definitions of YL versus XYL. The term YL was first defined in a Traffic Report signed The American Radio Relay League by E. C. Adams on May 13, 1920 to Miss M. Adaire Garmhausen, 3BCK. He

was replying to her submission of an article submitted to QST on "How to Build a Wireless Station".

In it he called her "My Dear YL-" and stated, "We have had to coin a new phrase for your benefit as you will readily see that OM will not fit and OL [Old Lady] would certainly be most in applicable." Even though Miss Garmhausen wasn't the first YL ham radio operator, this is when the term was first applied specifically to label all women as Young Ladies no matter what their age.

The article was published in the July 1920 issue of QST and a second article of hers followed in May 1921, but it wasn't until the October 1922 had the column "Who's Who in Amateur Wireless" that M. Adaire's picture was printed as she was

honored along with another YL, Miss Winifred Dow, 7CP, from Tacoma, WA.

Many OMs have used XYL (meaning Ex-Young Lady) to describe a wife versus a single lady, but some women, though not all, take offense at this term feeling that getting married does not mean a female is no longer a Young Lady.

In May 1940, the YLRL set forth the policy for YL-Harmonics and YLRL that the term "YL" was to be used of all licensed amateur operators of the feminine sex. This meant they were all young ladies no matter what their marital status was. A licensed woman is a YL while an XYL is a non-licensed wife.

From the YLRL web page:

<http://www.ylrl.org/index.php/about-us/ylrl-info>



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).

NWOARC 2018
NORTHWEST OHIO AMATEUR RADIO CLUB FALL HAMFEST
SATURDAY, OCTOBER 13, 2018
STARTING AT 8 AM
Rabbit Barn at the Allen County Fairgrounds, Lima, OH
2750 Harding Hwy, Lima OH 45804
<https://www.nwoarc.com/hamfest-2018/>

36th Annual Kalamazoo Hamfest & Amateur Radio Swap and Shop
Sunday, October 21, 2018
Kalamazoo County Expo Center and Fairgrounds
2900 Lake Street, Kalamazoo, MI
8AM to 12 PM Noon
<http://kalamazoohamfest.org/>

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

CALIFORNIA QSO PARTY			NEVADA QSO PARTY			PENNSYLVANIA QSO PARTY		
OCTOBER 6, 1600Z	OCTOBER 7, 2200Z		OCTOBER 13, 0300Z	OCTOBER 14, 2100Z		OCTOBER 13, 1600Z	OCTOBER 14, 2200Z	
1.8-28	-	PHONE, CW	1.8-28	ALL	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE, CW, DIGITAL
SERIAL, COUNTY OR SPC			SERIAL, COUNTY OR SPC			SERIAL, COUNTY OR SPC		
www.cqp.org			http://nvqso.com/			http://paqso.org/		
ARIZONA QSO PARTY			SOUTH DAKOTA QSO PARTY			ARRL SCHOOL CLUB ROUNDUP		
OCTOBER 13, 1700Z	OCTOBER 14, 0500Z		OCTOBER 13, 1800Z	OCTOBER 14, 1800Z		OCTOBER 15, 1300Z	OCTOBER 19, 2359Z	
1.8-28	50,144	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE, CW, DIGITAL	1.8-28	ALL	PHONE, CW
SERIAL, COUNTY OR SPC			RS(T), COUNTY OR SPC			RS(T), CLASS (I/C/S), SPC		
www.azqsoparty.org			www.sdqsoparty.com			http://www.arrl.org/school-club-roundup		
NEW YORK QSO PARTY			ILLINOIS QSO PARTY			ARRL EME CONTEST		
OCTOBER 20, 1400Z	OCTOBER 21, 0200Z		OCTOBER 21, 1700Z	OCTOBER 22, 0100Z		OCTOBER 27, 0000Z	OCTOBER 28, 2359Z	
1.8-28	ALL	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE, CW, DIGITAL	-	50-1296	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC			SIGNAL REPORT		
www.nyqp.org			www.w9awe.org/ILQP.html			www.arrl.org/eme-contest		

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 ☐ \$12.00 / year
 Additional family members¹ ☐ \$6.00 / year
 Student membership² ☐ \$6.00 / year
 Associate membership³ ☐ \$6.00 / year
 (New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year
 Family membership¹ ☐ \$30.00 / year
 Student membership² ☐ \$5.00 / year
 Associate membership³ ☐ \$20.00 / year
 Mailed newsletter premium ☐ \$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

PO Box 10342

Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.

PO Box 15127

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

30th Annual Oliver Hardy Festival, Harlem, GA

Oct 5-6 1200Z-2300Z W4O

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

Albuquerque International Balloon Festival

Oct 6-14 0000Z-2359Z W5B

<https://www.nm5hd.com/>

Illinois Bicentennial Celebration

Oct 15-21 0500Z-2359Z W9C

<https://www.metrodxclub.com/>

Eisenhower Special Event

Oct -16 0000Z-2359Z W5I

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

Halloween Howl

Oct 31 1200Z-2359Z K4TLH

<http://k4tlh.net/>

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

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

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
10/07/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
10/09/2018	7:00 PM	FWRC Board Meeting	GSUMC
10/09/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
10/16/2018	7:00 PM	ACARTS General Meeting	Red Cross Center
10/19/2018	7:00 PM	FWRC General Meeting	GSUMC
10/30/2018	7:00 PM	FWRC Board Meeting	GSUMC
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