



Allen County HamNews

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

October 2019
Volume 20
Issue 10

THE FOXHUNT CHRONICLES FOR SEPTEMBER 2019

The September foxhunt occurred on Sunday the 15th of September, which turned out to be a beautiful early Fall day in Indiana, temperatures in the mid 80's and an overcast sky with a pleasant breeze to make things comfortable following early morning showers.

There were three hunter teams for this one. The first consisted of Jim & Annie Pliett, K9OMA and KA9YYI, plus Carole and Al Burke, WB9's RUS & SSE. The second team included Steve and Linda Nardin, W9's SAN & LAN plus their grandson Alex. And the third team included Don Glick, K9LI and his wife Julie.

Charles Ward, KC9MUT and Fred Gengnagel, KC9EZP served as the fox. They very effectively hid out at the Leo Junior/Senior High School complex where the school buses park, on the south side of the property. They hid the microfox in a piece of grey plastic tubing plastered up against a chain-link fence and surrounded by a bunch of vegetation. It was in plain sight yet very difficult to see.

The fox went on the air right on time at 13:30 hours and produced a very weak signal at the Cobin Memorial Park fox hunter starting point. But it was strong enough for the three teams to get an initial bearing and peel rubber as they took



off to the north-east.

For our part we quickly lost sight of the other two hunter teams, and based on bearings we proceeded up Coliseum then wound our way to Maplecrest and headed due north to Flutter Rd. and then north again on Schwartz Rd. until we were skirting the east side of the Leo-Cedarville Reservoir at which point we started picking

up the microfox. After concluding (thank God) that the fox was most likely on the west side of the reservoir, we proceeded west on Grabill Rd. and then headed south on Amstutz Rd. and spied the high school complex. Knowing Charles was quite familiar with sneaky places around school buses that would be great foxhunt

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

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

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 17 September, 2019. The meeting was hosted by President Charles Ward, KC9MUT.

There were about 35 folks in attendance and following the Pledge of Allegiance, each person introduced themselves via their call sign.

Jim Moehring, KB9WWM announced that the 2019 Fort for Fitness event would occur on Saturday 28 September, and that they were still looking to enlist a few more (ham) volunteers to help with the communications support function. Contact Jim if you can help.

Charles commented on the September Foxhunt. Charles and Fred Gengnagel, KC9EZP served as the fox and hid out amongst the school buses parked behind Leo Junior-Senior High School. They were chased by the team of Jim and Annie Pliett, K9OMA & KA9YYI plus Carole and Al Burke, WB9's RUS and SSE, the team of Steve and Linda Nardin, W9's SAN & LAN plus their grandson Alex, and by the team of Don Glick, K9LI and his wife Julie. The Pliett/Burke team found the microfox first so they will serve as the fox for the October hunt which will occur on Sunday, 6 October.

Jim Pliett reported that he has the 146.16/76 machine back up and running. Something fried in the Motorola unit that was in use for that machine, so he replaced it with one of our Master II units.

Bob Streeter, W8ST, gave the Treasurer's report. As of 17 September, 2019 the numbers were as follows:

Income year-to-date	\$7,328.55
Expenses year-to-date	\$4,533.25
Cash on hand	\$43.00
Checking	\$2,334.86
Savings	\$1,830.49
Vanguard Account balance	\$11,207.82
Members	130

Steve Nardin reported that he is looking into the possibility of having some commemorative T-shirts or Golf shirts made that proclaim the Fort Wayne Radio Clubs 100 year anniversary which will be occurring in 2020. Among other things, club members could wear these items at the upcoming Ft. Wayne Hamfest, and during the special event station activities we have planned throughout 2020. Steve will provide additional information as it develops.

Don Glick noted that a Straight Key Sprint is planned to occur from 8:00 pm until 10:00 pm on Tuesday, 24 September. All are welcome to join in.

Charles opened nominations for FWRC Officers and Directors. They will be voted on during the November club meeting.

Those folks willing to run for various offices are as follows:

President – Carole Burke - WB9RUS

Vice President – Linda Nardin - W9LAN

Secretary – Al Burke - WB9SSE

Treasurer, Debbie Jenks - KB9DEB



FWRC Officers

President

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

Vice President

Linda Nardin, W9LAN
260-482-4039
lannshs(at)hotmail.com

Secretary

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260-637-1989
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Treasurer

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W9TE Trustee

Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

October 18: Election of Officers

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

Board of Directors – Steve Nardin, W9SAN, Jim Plummer, KD9GDY, Paul Prestia, KA3OPZ, Clark Derbyshire, KG9FM, Brian Jenks, W9BGJ

Communications Manager, Charles Ward, KC9MUT

Nominations will be reopened during the November club meeting just before we vote. We are always looking for more people willing to run for office and serve the club. Why not consider throwing YOUR hat in the ring?

Following the business meeting, Steve Nardin provided a presentation on techniques that ought to reduce co-channel / co-band interference such as which plagued us during the last Field Day operation at the Old Fort. A few experiments have been conducted and a group formed to further test the theory of what should work in preparation for the next Field Day and upcoming special event operations.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

FWRC PARTICIPATES IN SAFETY FAIR

The Fort Wayne Radio Club participated in the annual Allen County Safety Fair Sep. 14 at Jefferson Pointe Shopping Center in southwestern Fort Wayne. The event was designed to help citizens learn how to prepare, survive and recover from a disaster such as a tornado or earthquake. It provided information from local police and firefighters, and from other experts at over 45 informative booths. Below are photos of the FWRC's display, taken by Steve Nardin, W9SAN.



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Thanks to Steve, W9SAN, for his interesting and educational presentation on identifying and eliminating RFI from ECMs (Electronically Commutated Motors.) ECMs, which are used in furnaces and other devices, are known to create havoc with the ham bands. Steve explained the theory behind them and ways to eliminate the RFI.

The Fort Wayne Hamfest is just a month and a half away. Joseph, K9RFZ, the Hamfest Chairman, has indicated that things are shaping up for another successful event. Now is the time to make sure that your table reservation is made if you desire a table. Slots for workers are currently being filled. If you previously worked at the Hamfest and would like to work again this year and have not been contacted, get in touch with the Task



Leader for the job that you had or contact Joseph and let him know your availability. If you have not worked at the Hamfest in the past and would like to spare a couple of hours helping on Friday evening, Saturday, or Sunday, contact Joseph and let him know your desire. Most importantly, if you don't have a table or desire to work for a couple of hours, mark the dates of November 16th and 17th and plan to attend and join the fun.

The October program on the 15th will be a presentation by Chris, KD9LRW, on DMR and Pi-Star Hotspots.

73,

Dave Lindquist, W9LKH

President

ACARTS SEPTEMBER 2019 BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave stated that the ACARTS picnic last month was another success, and that it would be a continued club activity in future years.

Dave announced that the September meeting would be a presentation by Steve, W9SAN, on RFI from electronically commutated motors. He added that the October meeting would be a presenta-

tion by Chris, KD9LRW, on DMR and Pi-Star Hotspots, and the November meeting would be the usual Hamfest Wrap-up and club elections.

Dave said that December would be the Christmas Dinner, and asked the board if it should be again held at Hall's Guesthouse. A quick show of hand indicated that the Guesthouse was fine and Dave said he would make reservations for the usual meeting night.

Joseph, K9RFZ, gave an update on the status of the Hamfest preparations, and

October 15: Chris, KD9LRW, will provide a presentation on DMR and Pi-Star Hotspots.

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

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

Secretary

Position Open

Treasurer

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

ACARTS Managers

Manager for Hamfest:

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

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
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Steve Shannon, K9SKS
260-704-5353
K9sks(at)aol.com

said that there would be a Hamfest Committee Meeting following the ACARTS general meeting.

No other business was discussed.

The meeting was adjourned at 8:00 p.m.

Submitted by Dave Lindquist, W9LKH

ACARTS SEPTEMBER 2019 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. James, KD9NPL, said that he had one, brought his club application up, and introduced himself to the club.

Dave gave a quick review of the ACARTS picnic that was held the previous month.

He announced that there would be a Hamfest Committee Meeting following the ACARTS meeting. He added that the October meeting would be a presentation by Chris, KD9LRW, on DMR and Pi-Star Hotspots, that the November meeting would be the usual Hamfest Wrap-up and Club elections, and that the Christmas Dinner would be held at 6:00 p.m. on December 17th, at Hall's Guesthouse.

Larry, KF9YP, had returned the QRP Labs QCZ QRP CW Transceiver kit that he had won at the June meeting, stating that he would not be able to build it this winter and that the club should give it to someone that could build it. A drawing was held using the tickets of those that entered in June, and the winner was Chris, KD9LRW.

Steve, W9SAN, gave an interesting and informative presentation on identifying and eliminating RFI from electronically commutated motors.

After a short break, A Hamfest Committee Meeting followed the ACARTS meeting.

Submitted by Dave Lindquist, W9LKH.



JAMBOREE-ON-THE-AIR OCTOBER 18-20, 2019

Jamboree-on-the-Air, or JOTA, is the largest Scouting event in the world. It is held annually the third full weekend in October. JOTA uses amateur radio to link Scouts and hams around the world, around the nation, and in your own community. This jamboree requires no travel, other than to a nearby amateur radio operator's ham shack. Many times you can find the hams will come to you by setting up a station at your Scout camporee, at the park down the block, or perhaps at a ham shack already set up at your council's camp.

Tell Me More

Scouts of any age can participate, from Cub Scouts to Boy Scouts and Venturers, including girls. Once at the ham radio station, the communication typically involves talking on a microphone and listening on the station speakers. However, many forms of specialized communication may also be taking place, such as video communication, digital communication (much like sending a message on your smartphone but transmitted by radio), or communication through a satellite relay or an earth-based relay (called a repeater). The exchanges include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. The stations you'll be communicating with can be across town, across the country, or even around the world! The World Scout Bureau reported that the 2017 JOTA-JOTI had over 1.5 million Scout participants from more than 160 countries.

When Is It?

Jamboree-on-the-Air is held the third weekend in October. There are no official hours, so you have the whole weekend to make JOTA contacts. The event officially starts Friday evening during the JOTA Jump Start and runs through Sunday evening.

How Can I Participate as a Scout?

Contact your local Scout council and see what may already be planned in your area. You can also contact a local ham radio operator or a local amateur radio club. You can find a searchable database of clubs at www.arrl.org/find-a-club. This website is operated by the American Radio Relay League, the national association for amateur radio, which is cooperating closely with the BSA on JOTA and many other activities.

Your local club may be able to direct you to its planned JOTA activities. These can include ham stations set up at camporees or other events. Or, if there are no planned activities, you can either work with them to get something set up or arrange to visit a local radio operator's ham shack at a scheduled time to participate in JOTA.

How Can I Participate as an Amateur Radio Operator?

Contact your local Scout council and see what may already be planned in your area and how you can help. You can find your council using the Council locator.

If nothing is currently planned, or if current plans aren't reaching your area, you can work with the council or a local unit (pack, troop, crew) to set up a JOTA station or arrange for visits to your ham shack. You can also participate just by making QSOs with the many JOTA stations that will be on the air.

<https://www.scouting.org/jota/>



Carl Luetzelschwab, K9LA

Although we haven't yet reached official solar minimum (it is expected later this year or early 2020 – if we're lucky!), the higher bands (10m and 12m, and even 15m to a certain extent) are for all intents and purposes exhibiting propagation as if they were at solar minimum. Thus, we don't expect much in the way of openings on these bands, and we may tend to overlook them.

Our propagation prediction programs confirm this dire picture. If we plug in a very low smoothed sunspot number (10 or lower), the result will be a maximum useable frequency (MUF) of around 18 MHz during the daytime at the mid latitudes. We have to remember this is a monthly median value since the model of the ionosphere in our propagation predictions is a monthly median model. What this says is on half the days of the month (since median implies a 50% prob-

ability) the MUF will be at least 18 MHz. On a couple days of the month it could be several MHz higher – unfortunately we don't know which days are the good ones.

If there is any good news here, it's that our propagation predictions may not capture extremely short-term openings since a monthly median model is used. A good example of this was last year's California QSO Party in early October. On the Saturday of the contest (October 6) I heard no W6 stations on 10m. We can see the reason for this by looking at the Boulder ionosonde data. Boulder is on the way to W6 from the Midwest, so it gives us a decent picture of what the ionosphere was doing for this path. Figure 1 shows this data.

Indeed, the MUF varied around 18 MHz from the start of October through the October 6. But notice what happened on October 7 – the MUF increased to just over 30 MHz around 2000 UTC. This opened up 10m, and many W6 stations were heard. What happened?

What happened was the K index started spiking up during the 0900-1200 UTC period on October 7. See Figure 2. The positive

SHORT-TERM OPENINGS AT SOLAR MINIMUM

phase of this minor storm (the K index only spiked up to 5, and this only lasted for three 3-hour periods) increased the amount of ionization at low and mid latitudes. The increased ionization opened up 10m on Sunday as seen in the ionosonde data.

The moral of this month's column is to check the higher bands when the K index spikes up a bit. Enhanced propagation may not happen every time this happens, as it depends on how the geomagnetic storm evolves. Also, there are many observations of enhanced propagation on 160m when the K index spikes up, so check topband, too. If you're in the right place at the right time, you may be surprised by some unusual propagation at

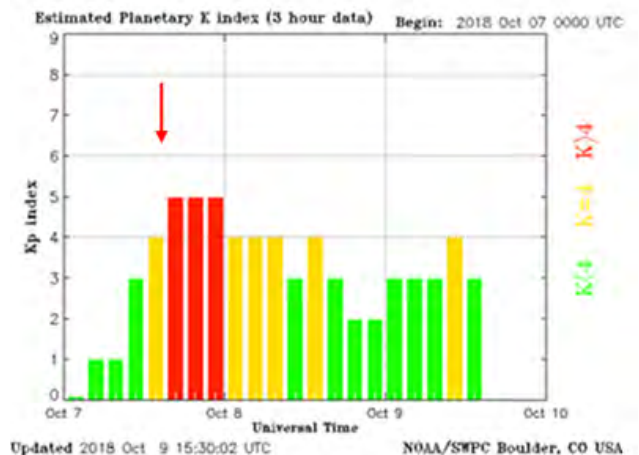


Figure 2 – Planetary K Indices

solar minimum.

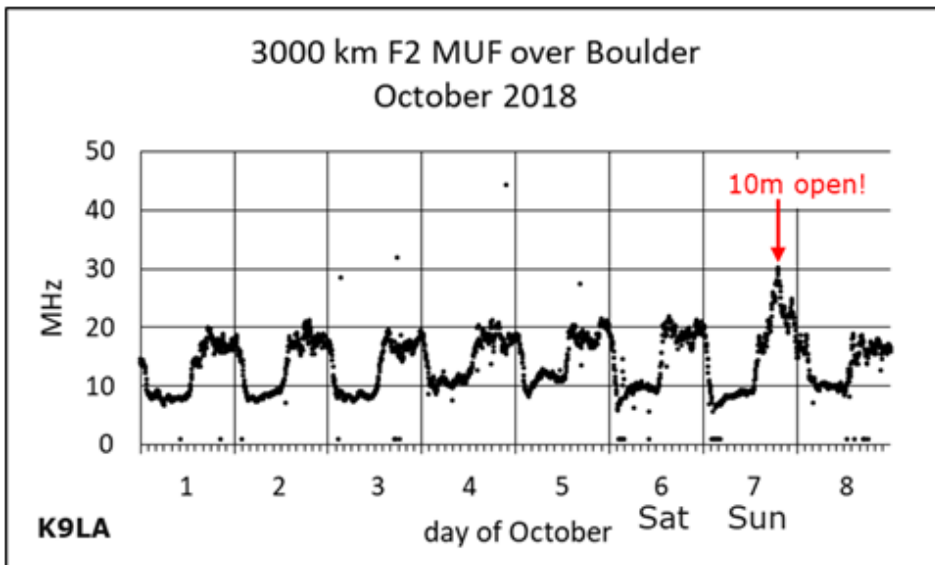


Figure 1 – Boulder F2 Region MUF



47th FORT WAYNE HAMFEST

Largest Hamfest in Indiana

2019 ARRL INDIANA SECTION CONVENTION



ARRL Forum - Saturday 10:00 AM

Carl Luetzelschwab K9LA
ARRL Central Division Vice – Director

Riley Hollingsworth K4ZDH
ARRL Volunteer Monitor Coordinator

James Merry Jr. KC9RPX
ARRL Indiana Section Manager

ARRL Section Banquet - Saturday 5:00PM

Dan Henderson N1ND – Keynote Speaker

ARRL Regulatory Information Specialist

Buffet BBQ Beef Brisket and Sautéed Chicken Breast.

Ticket \$25. Attendance limited to first 70.

Reservations Open October 7, 2019

www.fortwaynehamfest.com

- Ham Radio License Testing All Classes (\$14)
9 AM till 12 PM Saturday
- WAS & DXCC Card Checking and CQ Awards
- New & Used Ham Equipment Dealers
- Main & Hourly Prizes
- Equipment Check-out | Test Purchases on-site
- Talk-in 146.880-
- Tables:

\$25 Regular (8ft), \$50 Premium (8ft), \$33 Electricity (Coliseum Parking \$6 per vehicle)

November 16 & 17 2019

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

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



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/

Contact (260) 579-2196 , PO Box 10342, Fort Wayne, IN 46851

Foxhunt Chronicles - cont from page 1

hide spots, we proceeded to a group of parked school buses and then found Charles and Fred. We were first on the scene followed soon by Don Glick and his wife. There was only one way to get at the microfox hiding place and soon Jim and Don were standing side by side next to a chain link fence that defined the school bus parking area. It was obvious that the microfox had to be RIGHT THERE, but as I said, it was hard to see in that grey plastic tube. Eventually Jim spotted it and said "Hey" followed immediately thereafter by Don who said (Censored). About ten minutes or so later the Nardin team arrived on scene and they located the microfox too after bellowing (censored too).

All and all it was a very pleasant foxhunt. No rain, no blazing sun, no poison ivy or bees or mosquitoes to speak of. And the DF equipment seemed to work great.

Following the hunt we buzzed over to Culver's on Dupont for a well earned repast.

The October foxhunt is presently scheduled to occur on Sunday, 6 October with the Pliett/Burke team serving as the fox. There are only two hunts remaining this year, October's and November's. Why not plan to join in on the fun?

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

Call	Score This Month	Year to Date
WB9SSE	3	13.5
WB9RUS	3	9.5
K9OMA	4	17.5
KA9YYI	3	12.5
KC9MUT	6.67	28.01
KC9EZP	6.67	17.34
AB9IZ	0	11.34
W9SAN	1	18.67
W9LAN	1	18.67
Alex	1	12
K9LI	2	15
Julie Glick	2	10
K9WEH	0	9
KD9ITZ	0	2

Al Burke, WB9SSE



2019 FOXHUNT SCHEDULE

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

October 6
November 3

NWOARC 2019

NORTHWEST OHIO AMATEUR RADIO CLUB

FALL HAMFEST

DATE: OCTOBER 12, 2019

Time: 8 AM for Public

Location: Rabbit Barn At The Allen County Fairgrounds, Lima Ohio

Talk-In Frequency: 146.670

GPS: 40°43'39.6"N 84°03'19.4"W; 40.727654, -84.055396

Address: 2750 Harding Hwy, Lima, Oh 45804

<https://www.nwoarc.com/hamfest-2019>

Hourly Door Prizes and A Grand Prize Drawn Around Noon

Entrance Fee: \$5 Per Person

Outside Trunk Sales: \$5 Per Vehicle

Inside Vendor Sales: \$10 Per Table

Contact Bob Butler KE8BCJ For More Details

Phone: 419-230-7977

Email: officerbob28@yahoo.com



*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**.*

BIDDING IN ARRL ONLINE

AUCTION BEGINS ON OCTOBER 17

More than 230 items will go on the block as bidding begins on Thursday, October 17, at 10 AM EST (1400 UTC) for the 14th Annual ARRL Online Auction. The auction will continue through Thursday, October 24, closing at 10 PM EST. An auction preview opens on Monday, October 14.

The 2019 auction includes lab-tested QST "Product Review" gear, vintage books, used equipment, and one-of-a-kind items, plus the ARRL Lab team has contributed four of its very popular "mystery boxes."

Some premier "Product Review" items up for bid include the Elecraft KAP 1500 legal-limit HF and 6-meter linear amplifier, the Icom IC-7610 HF and 6-meter transceiver, the Palstar LA-1K 160 – 6 meter amplifier, the FlexRadio Systems FLEX-6400M HF and 6-meter SDR transceiver, the Kenwood TS-890 HF and 6-meter transceiver, and many more items.

The auction will also offer items donated from the popular television series Last Man Standing, starring Tim Allen, an actual radio amateur who portrays the fictional Mike Baxter, KA0XTT, in the show, which has featured ham radio in some episodes.

Proceeds from the annual Online Auction benefit ARRL education programs. These include activities to license new hams, strengthen Amateur Radio Emergency Service (ARES®) training, offer continuing technical and operating education, and create instructional materials.

For more information:

<http://www.arrl.org/news/bidding-in-arrrl-online-auction-begins-on-october-17>

37TH ANNUAL

KALAMAZOO HAMFEST & AMATEUR RADIO

SWAP AND SHOP

SUNDAY, OCTOBER 20, 2019

**Kalamazoo County Expo Center and Fairgrounds
2900 Lake Street, Kalamazoo, MI 49048**

GPS: N 42 16.674 W 085 32.585

Open 8AM to 12 PM Noon

Sponsored by:

**Kalamazoo Amateur Radio Club
Southwest Michigan Amateur Radio Team
Talk-In 147.040 (PL 94.8) K8KZO Repeater**

Tickets: \$7.00

<http://www.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

YLRL DX/NA YL CONTEST			CALIFORNIA QSO PARTY			NEVADA QSO PARTY		
OCTOBER 5, 1400Z		OCTOBER 7, 0200Z	OCTOBER 5, 1600Z		OCTOBER 6, 2200Z	OCTOBER 12, 0300Z		OCTOBER 13, 2100Z
1.8-28	ALL	PHONE, CW, DIGITAL	1.8-28	-	PHONE, CW	1.8-28	ALL	PHONE, CW
SERIAL, RS(T), SPC			SERIAL, COUNTY OR SPC			RS(T), "NV" AND COUNTY, OR SPC		
http://ylrl.org/wp/dx-na-yl-contest/			www.cqp.org			http://nvqso.com/		
ARIZONA QSO PARTY			PENNSYLVANIA QSO PARTY			SOUTH DAKOTA QSO PARTY		
OCTOBER 12, 1600Z		OCTOBER 13, 2359Z	OCTOBER 12, 1600Z		OCTOBER 13, 2200Z	OCTOBER 12, 1800Z		OCTOBER 13, 1800Z
1.8-28	50,144	PHONE, CW, DIGITAL	1.8-28	ALL	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			SERIAL, COUNTY OR ARRL/RAC SECTION			RS(T), COUNTY OR SPC		
www.azqsoparty.org			https://www.paqso.org/			www.sdqsoparty.com		
NEW YORK QSO PARTY			ILLINOIS QSO PARTY			ARRL SCHOOL CLUB ROUNDUP		
OCTOBER 19, 1400Z		OCTOBER 20, 0200Z	OCTOBER 20, 1700Z		OCTOBER 21, 0100Z	OCTOBER 21, 1300Z		OCTOBER 25, 2359Z
1.8-28	ALL	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE	1.8-28	ALL	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC			RS(T), CLASS (I/C/S), SPC		
www.nyqp.org			www.w9awe.org/ILQP.html			www.arrl.org/school-club-roundup		

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 based 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

Albuquerque International Balloon Fiesta

Oct 5-13 1200Z-2359Z W5B

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

Austin Amateur Radio Club 100th Anniversary

Oct 12 1400Z-1800Z W5KA

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

Don't Touch That Dial 100 Years of Radio

Oct 13 1400Z-2100Z N3I

<http://wc2fd.com>

Fall Colors Festival

Oct 18-20 1600Z-2000Z K9B

<http://hendrickscountyparks.org/>

Frankenstein Halloween FunXpedition

10/31-11/1 1900Z-0500Z W0O

<https://www.qrz.com/db/w0o>

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
10/06/2019	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
10/08/2019	7:00 PM	FWRC Board Meeting	GSUMC
10/08/2019	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
10/15/2019	5:00 PM	ACARTS General Meeting	Red Cross Center
10/18/2019	7:00 PM	FWRC General Meeting	GSUMC
11/03/2019	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
11/12/2019	7:00 PM	FWRC Board Meeting	GSUMC
11/12/2019	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
11/16/2019	9:00 AM	Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/17/2019	9:00 AM	Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/19/2019	7:00 PM	ACARTS General Meeting	Red Cross Center
11/22/2019	7:00 PM	FWRC General Meeting	GSUMC