



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

February 2018
Volume 19
Issue 2

FORT WAYNE RADIO CLUB - AUCTION RESULTS FOR 2018

This year the annual Fort Wayne Radio Club auction was held on Friday, January 19, 2018. There were 30 attendees who signed in for an identifying number for the auction.

A total of \$205.60 changed hands as a result of the auction. The auction benefit to the Fort Wayne Radio Club (as seller #1) was \$69.60. The club also received \$23.40 in fees and donations. The total benefit from the auction to the club was \$93.00

Additionally, the club gained 1 renewing member during the auction.

There were 15 active participants this year (excluding the club), with no one who both sold and purchased items. There were 13 participants who only purchased items, and 2 participants who only sold items. In total,

Continued on page 2



Also this month

Foxhunting Notes for 2018 3	Classified Ads 9
Foxhunt Procedures 7	Contests / Repeaters 10
Storm Spotter Training 8	Membership App / Nets 11
School Club Roundup 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

MORE FWRC AUCTION PHOTOS

there were 3 sellers at the auction including the club itself.

I really appreciate the help of W9DJS, WB9SSE, KC9MUT and W9SAN in helping to keep track of the auction proceedings, and in behalf of the club I want to thank Paul Prestia for his auctioning abilities.

Bob, W8ST, Treasurer



There are more photos on the FWRC web page and Facebook page. Photos provided by Carole Burke, WB9RUS and whoever uploaded the photos to the Facebook page (didn't ID).

February 20: The 2018 SKYWARN storm spotter training session for the Fort Wayne area is scheduled for Feb. 20 at 7 p.m. at the Public Safety Academy on Fort Wayne's south side. Pre-registration is expected.



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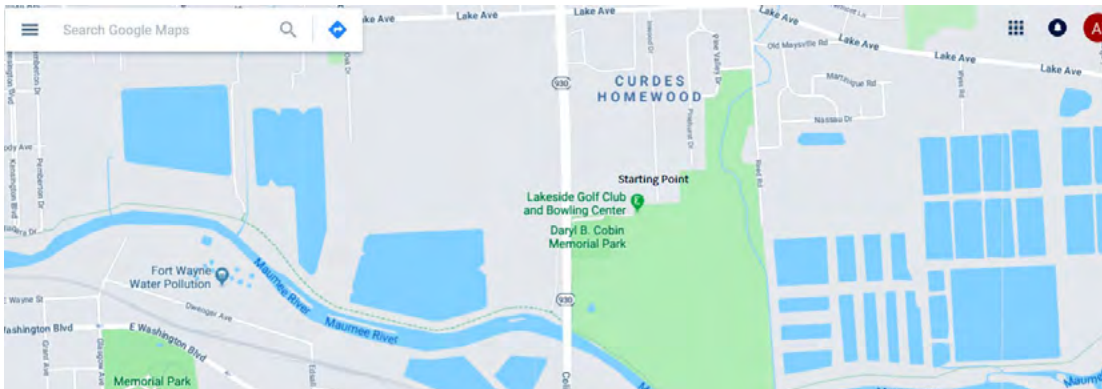
Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FOXHUNTING NOTES FOR 2018

It's once more time to dust off our roof mounted mobile and hand-held DF Yagis, check our DF receivers, and upgrade our maps of Allen County in preparation of the 2018 Foxhunting season. The first hunt of the season will occur in early February with hunts planned for the following dates through November:

February 4
March 4
April 8
May 6
June 3
July 8
August 5
September 9
October 7
November 4

Foxhunters gather at Daryl B. Cobin Memorial Park (in the former K-Mart parking lot) off Coliseum near the Lakeside Golf Course. Each hunt starts at 13:30 with



whoever is serving as the fox transmitting a high-power fox signal, strong enough to be heard at Corbin Park, on 146.430 MHz for one minute. After that the fox

The high-power fox signal transmitted every five minutes allows the foxhunters to take DF bearings as they travel towards the fox location, which can be anywhere



transmits a high power signal every five minutes immediately followed by a low power (microprocessor controller) hidden fox transmission, also on 146.430 MHz, for one minute. The low power fox transmission is a cw signal. Generally speaking, the low power fox is camouflaged to make it difficult to detect visually.

in Allen County. Ultimately the hunter localizes the fox location at which point they can normally hear the low power fox signal which is their actual quarry.

At this point the hunters are on foot utilizing their hand held yagis to locate the microfox. The first person (or team) to locate the microfox are the winners and serve as the fox for the following month's foxhunt.

More specifics regarding details of the hunts, scoring rules and so-forth can be found on page 7 of this newsletter and on

<http://www.fwrc.info/>

in the "Files" tab in the folder "Other Files" titled "FWRC

Foxhunt Procedures 2018".

Hope to see you out there chasing after the wily fox.

Al Burke, WB9SSE



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Many thanks to Ward Hall, WC0Y, for his great presentation on Backpack HF operation and Summits on the Air (SOTA) and the January meeting.

ACARTS will not hold a regular February meeting. It will be replaced by the annual SKYWARN training on February 20th, at the Public Safety Academy. Details and registration procedures are available elsewhere in this newsletter and also on the club website.

The March meeting, on the 20th, will be a presentation by Joseph, K9RFZ, on Receiving Weather Satellite Images using SDR.



ACARTS will again be sponsoring the FM VHF/UHF Simplex contest this year. Mark your calendars for April 7th, from 7:00 to 10:00 p.m. The rules are pretty much the same as last year. Updated rules, a township map of NE Indiana, and a log sheet are available for download from the club website. Let's see if we can have even more participation this year.

73,

Dave Lindquist, W9LKH

President

ACARTS JANUARY 2018 BOARD MEETING MINUTES

Dave announced that the January meeting would be a presentation by Ward Hall, WC0Y, on Backpack HF operation and Summits on the Air.

He added that the February meeting would be the annual SKYWARN training on February 20th, at the Public Safety Academy, and that the March meeting would be a presentation by Joseph, K9RFZ, on Receiving Weather Satellite Images using SDR.

Joseph, K9RFZ, announced that ACARTS would again be sponsoring the FM VHF/UHF Simplex Contest this year. It

will be held from 7:00 p.m. to 10:00 p.m. on Saturday, April 7th.

Joseph passed out updated contest rules, township maps, and contest logs.

Howard, N9ADS, presented a proposed budget for 2018. After a brief discussion, a motion was made by Joseph, K9RFZ, to accept the proposed budget. The motion was seconded by Bernie, K9JDF, and passed by a voice vote

No other business was discussed.

The meeting was adjourned at 7:50 p.m.

Submitted by Dave Lindquist, W9LKH

February 20: The 2018 SKYWARN storm spotter training session for the Fort Wayne area is scheduled for Feb. 20 at 7 p.m. at the Public Safety Academy on Fort Wayne's south side. Pre-registration is expected.

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.



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ACARTS JANUARY 2018 GENERAL MEETING MINUTES

ACARTS VP Joseph Lawrence, K9RFZ convened the meeting at 7:05PM with eight in attendance including one newly licensed member, Norman KD9JUG. New business announcements included:

1. The February General meeting coincides with the NWS Skywarn training which all members are encouraged to attend. The training will take place at the Public Safety Academy on Tuesday February 20 at 7PM. Pre-registration is requested and the training is FREE. Go to www.acarts.com for a link to pre-register.
2. The March General meeting will be held at the Red Cross office on March 20 starting at 7PM. Joseph, K9RFZ

will give a presentation on receiving weather satellite images from space using a Software Defined Radio (SDR) dongle. He'll also discuss basic interpretation and analysis of the images.

3. The ACARTS is sponsoring the 2018 VHF/UHF FM Simplex contest on Saturday April 7 from 7 – 10 PM. Rules, maps, and sample log sheet are linked on the www.acarts.com website.

The proposed 2018 budget was presented to the members for approval. The six voting members in attendance unanimously approved the budget with little further discussion.

Ward Hall, WC0Y gave his presentation on lightweight portable operation from

summits. He showed pictures of some of the closer eligible summits in Michigan and southern Indiana and shared his experience in reaching those remote spots. It was apparent that you need to be in good physical shape as well as have a lean operating strategy to activate these summits. On the other hand, summit activators need summit chasers to make contacts. There are awards for both activators and the chasers through the Summits on the Air (SOTA) program. Ward's program was a rare opportunity to learn about this very specialized aspect of amateur radio and regrettably only a few members made the effort to attend. Special thanks to Ward for sharing his passion for activating summits.

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)

NOV 17&18 2018
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)

- 2018 ARRL IN State Convention
- 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

**ARRL**



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

Get the latest information at
www.fortwaynehamfest.com



2017 Storm Spotter Training

See the flier on page 8 for more information on this year's training that is scheduled for Feb. 20 at 7 p.m. at the Public Safety Academy on Fort Wayne's south side.

Allen County Amateur Radio Technical Society

**2018 ACARTS VHF/UHF FM Simplex
Contest**
Saturday April 7, 2018
7 – 10 PM EDT

**Operate 2m, 1.25m, and 70cm
FM Simplex Frequencies ONLY**

**Base – Portable – Rover
Categories**

**Score Bonus Multipliers for Each Unique
Township Contacted**

**Complete Rules, Log Sheet, and Helpful
Map Download at;**

ACARTS.COM



Carl Luetzelschwab, K9LA

Fort Wayne Hamfest – Last year's Fort Wayne Hamfest included several activities for DXers. There was a forum on low band operating, including low band antennas and low band propagation (put together by Jim KR9U and Carl K9LA), a forum on remote operation (given by Carl K9LA) and the fourteenth annual "DX Dinner" at the Red River Steakhouse on Saturday evening. This year Bob WB1GCM was the guest from ARRL HQ. He is the Product Review Engineer, and brought equipment to check VHF hand-helds for spectral purity to the FCC's requirements.

FORT WAYNE HAMFEST, BOUVET, INTERNATIONAL GRID CHASE AND ARRL ISSUES

Last year's hamfest was also designated as the Indiana State Convention. This year, the Indianapolis Hamfest (in July at the Marion County Fairgrounds) will be designated as the Indiana State Convention, and the Fort Wayne Hamfest will be designated as the Central Division (Indiana, Illinois and Wisconsin) Convention. The last Central Division Convention was over 30 years ago, so this should be a big deal for Fort Wayne. I'm sure many more forums and other activities will be offered – if you have a topic for a forum, please let me know.

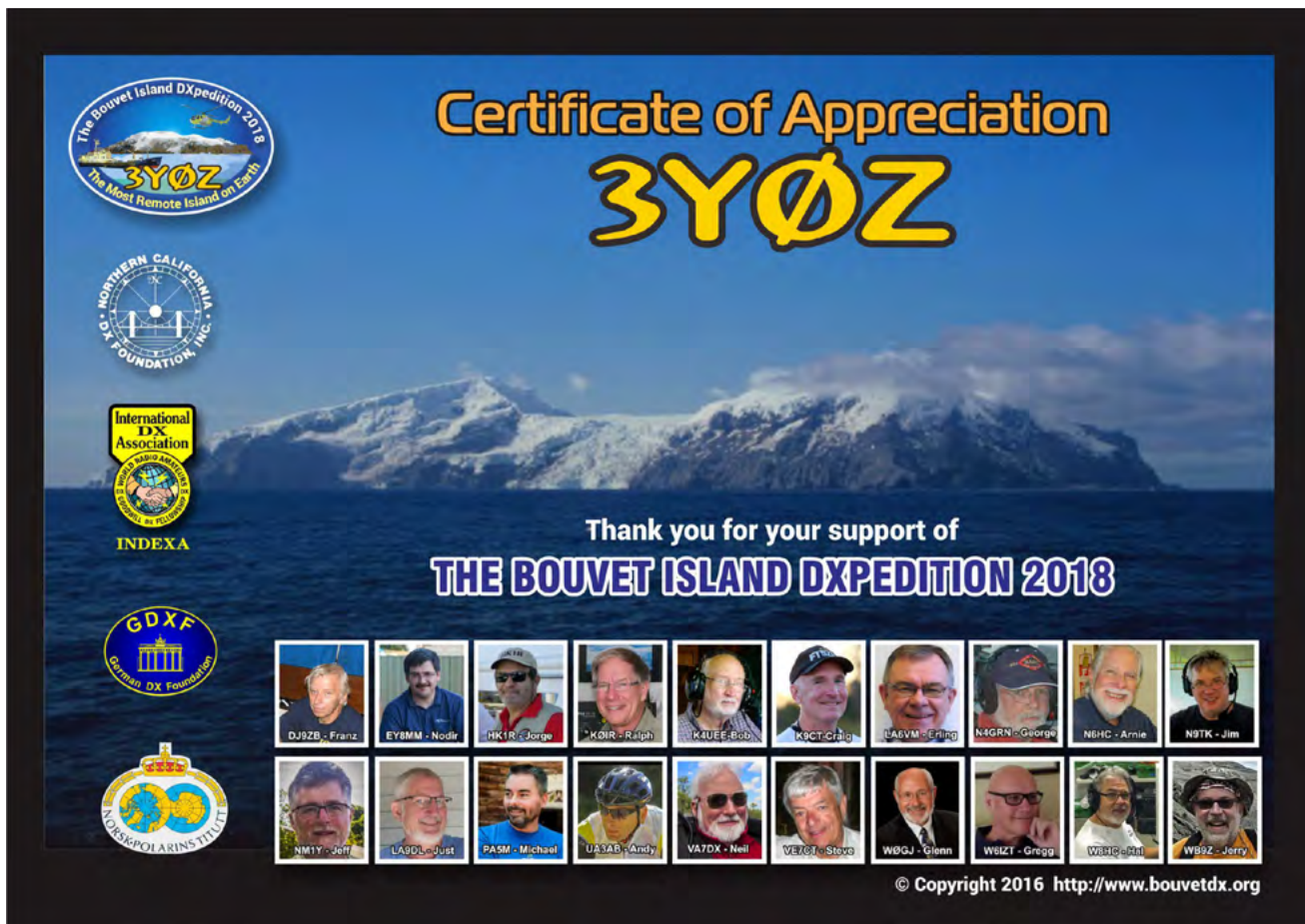
Bouvet – The Bouvet team was expected to arrive at Bouvet on January 23. So when you read this, the DXpedition should have been on the air for about a week. Use the predictions in last month's column to find your best time. The best bet for most of us will be on 20-Meters and 17-Meters. Be sure to check the latest news at <http://www.bouvetdx.org/>. As a side note, the Fort Wayne DX Association received a certificate of appreciation from

the Bouvet team for their contribution to the DXpedition effort (this does not guarantee any of the FWDXA members will work them!).

International Grid Chase – A new and exciting operating event kicked off on January 1, 2018, when the ARRL International Grid Chase got under way. The year-long event hopes to build on the success of the highly successful 2016 National Parks on the Air (NPOTA). The objective is to work stations on any band (except 60 meters) in as many different Maidenhead grid squares as possible, and then upload your log data to ARRL's Logbook of The World (LoTW). Note that this includes international grid squares, not just US grid squares – so this includes DX, too! For more details, visit:

<http://www.arrl.org/international-grid-chase-2018>

ARRL Issues – There is a lot of internet traffic concerning the recent ARRL issues. Keep an eye on the Central Division web site (www.central.arrl.org) for updates from our Director Kermit W9XA.



FWRC FOXHUNT PROCEDURES FOR 2018

1. Foxhunts occur on Sundays in the months February through November. We knock off for December and January. The exact dates for each month (normally the first Sunday in the month) are established early in January and are published in the Allen County Ham News.

2. A foxhunt in any particular month can be rescheduled once within that month (due to weather, civil riots, Godzilla attacks or other unforeseen events). If the rescheduled hunt subsequently cannot be executed for whatever reason, then there will be no hunt that month.

3. The fox can be located anywhere in Allen County.

4. The fox must be located on publicly accessible property. It can also be located on private property **provided** the fox has obtained permission from the property's owner to do so, and the fox **makes it known** to the hunters that it is on private property during fox transmissions (at least several announcements to be sure all hunters are aware of the fact).

5. The starting point for the hunters is the River Greenway Trailhead (Cobin Memorial Park) near the Lakeside Golf Course.

6. Starting time is nominally 13:30 local time.

7. Hunt duration is limited to 2 1/2 hours unless all participants agree to extend it during a particular hunt.

8. The "fox" normally consists of a high-power fox and a micro-fox. The high-power fox transmits an FM signal strong enough to be heard and DF'd from the Cobin Memorial Park starting point. The micro-fox is a low power microprocessor controlled cw transmitter, typically on the order of tens of milliwatts that is the actual quarry of the hunters once it is localized by virtue of the high-power fox. It is at the fox's discretion if they employ a microfox in the hunt or not. They may choose to just run with a high-power fox only, although that tends to make the hunt less challenging.

9. The high-power fox transmits for one minute every five minutes starting at the nominal 13:30 hunt start time.

10. The microfox transmits for one minute immediately following the end of each high-power fox transmission. However, at the discretion of the fox, if desired, the microfox may be programmed to transmit an additional one-minute cycle in between its normal transmissions following the high power fox. So for example, the transmitting sequence during a hunt might be:

13:30:00 to 13:30:59 high power fox transmits,
13:31:00 to 13:31:59 micro-fox transmits,
13:34:00 to 13:34:59 micro-fox transmits,
13:35:00 to 13:36:59 high power fox transmits,
and so forth.

The fox transmit frequency is always 146.430 MHz. The 146.760/.340 repeater is used if necessary for intercom purposes.

11. Scoring rules are as follows:

When a foxhunter physically locates and eye-balls the fox, (normally the micro-fox), he/she will notify the fox who will note the time.

If there are N foxhunter teams, each member of the first team to find the fox receives N points, and the first person in that team that found the fox receives N+1 points. All members of the second team to find the fox receive N-1 points. All members of the third team to find the fox receive N-2 points, and so forth.

The person or team that function as the fox each receive a score equal to the sum of the number of points earned by each of the hunters divided by the number of foxhunter teams. In other words, their score = $(\sum (\text{points earned by each hunter})) / (\text{number of hunter teams})$.

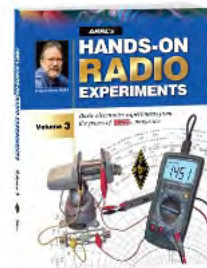
For example, based upon the results of the February 2015 fox-hunt the scoring plan resulted in the following numbers:

CALL	TEAM #	TEAM ORDER OF FIND FOX	FIRST TO FIND FOX	FOXHUNT SCORE
KC9MUT	1	1ST	X	4
KC9EZP	1	1ST		3
KC9UHU	1	1ST		3
W9SAN	2	2ND		2
W9LAN	2	2ND		2
KB9DOS	3	3RD		1
KB9DOT	3	3RD		1
K9OMA	FOX			5.33
KA9YYI	FOX			5.33
WB9RUS	FOX			5.33
WB9SSE	FOX			5.33

ARRL'S HANDS-ON RADIO EXPERIMENTS VOLUME 3 - HAM RADIO: WHERE HANDS-ON LIVES ON!

Lifelong learners will welcome Volume 3 of ARRL's Hands-On Radio Experiments, assembled from the past four years (2013-2017) of QST's monthly "Hands-On Radio" column, written by Ward Silver, N0AX. Silver expertly leads you through 57 basic electronics experiments, designed to increase your understanding of radio fundamentals, components, circuits and design. Like the previous volumes, the experiments span an eclectic mix of topics: Electronic Circuits; Antennas and Propagation; Transmission Lines and Impedance Matching; Electronic Fundamentals; Electronic Components; Tests and Test Equipment; RF Techniques; Practical Station Practices. On sale now from ARRL. ARRL Member Price Only \$19.95 (retail \$22.95)

www.arrl.org/shop/ARRL-s-Hands-On-Radio-Experiments-Volume-3/



EDUCATION OPPORTUNITIES FOR STORM SPOTTERS

By Jay Farlow, net manager, Allen County SKYWARN

It's time again for a reminder about training for volunteer SKYWARN storm spotters (and those who would like to become spotters). As usual, the northern Indiana office of the National Weather Service (NWS) will provide a two-hour, in-person training session in Fort Wayne. This year's event is scheduled for 7 p.m., Tuesday, Feb. 20, at the Public Safety Academy, 7602 Patriot Crossing (behind the Wal-Mart and Menards stores on U.S. 27 south of Tillman Road). Check-in begins at 6:30 p.m.

The NWS strongly requests all participants to register in advance via this web-

site: <http://bit.ly/2BC4fsi>. To be honest, registration will be accepted at the door, but it helps the NWS a lot if you register in advance. Anyone who is unable to register via the web site may register via telephone by calling the Allen County Office of Homeland Security at 260-449-4671. There is no charge.

The NWS also strongly encourages all participants to complete a free, online independent study course before the in-person training session. This course contains valuable information that meteorologists won't have time to cover during the in-person training. The online course can be found at <http://bit.ly/1lft9f0>.

I'm often asked whether the NWS re-

quires training and if so, how often. The honest answer is that the NWS will accept a storm report from anyone, whether or not that person has taken the training. Reports from trained spotters, however, are much more valuable, because trained spotters are less likely to be fooled by scary-looking but benign clouds and are more likely to understand what the NWS really needs to know about (and what it doesn't).

That's why the NWS recommends that spotters take the class at least once every three years. Many spotters attend every year, because it helps remind them of important information and because the NWS occasionally updates the class with new information.

Other education opportunities

For storm spotters who are interested in deeper dives into severe meteorology and related issues, several seminars in and near Indiana provide this opportunity.

The Indianapolis NWS office and the Indiana chapter of the American Meteorology Society host the biennial **Central Indiana Severe Weather Symposium** this year. Speakers include Alabama television meteorologist James Span, who also hosts the well-known weather podcast WeatherBrains. The all-day event takes place Saturday, March 17 on the campus of Indiana University-Purdue University Indianapolis (a change from previous symposiums at Butler University). Learn more at <http://bit.ly/2Emuv7Z>.

The annual **DuPage County Advanced Severe Weather Seminar** takes place in one of Chicago's western suburbs March 10. Specifically, the all-day event happens on the campus of Wheaton College in Wheaton, Illinois. That's about a three-and-a-half-hour drive from Fort Wayne, but I've always found the learning worth the drive. Learn more at <http://bit.ly/2rKB9aM>.

The **Ohio State University Meteorology Club** hosts its annual, day-long Severe Weather Symposium on the OSU campus Friday, March 10. I've also attended this event several times and found it worth the drive to Columbus. Find more information at <http://bit.ly/2rPoC50>.



2018 Skywarn Spotter Training

Location

Public Safety Academy of NE Indiana
7602 Patriot Crossing
Fort Wayne, IN 46816

Date and Time

Tuesday, February 20, 2018 @ 7:00 PM
Check-In begins at 6:30 PM

Online Registration

<http://alleninspotter.eventzilla.net>
No internet – No problem
Registration can be done by calling
(260) 449-4671
-or-
(574) 834-1104

MetEd

Completion of MetEd Online Spotter Training is recommended
https://www.meted.ucar.edu/training_course.php?id=23

Training Presented by: National Weather Service Northern Indiana Michael Lewis – National Weather Service michael.lewis@noaa.gov -or- (574) 834-1104 http://www.weather.gov/iwx	Training Hosted by: Allen County Homeland Security 1 East Main Street, Suite 754 Fort Wayne, IN 46802
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Background Photo Credit: Ryan Maenhout – April 29, 2017 Bremen, IN

SCHOOL CLUB ROUNDUP - FEBRUARY 12-16, 2018

The turnout for last winter's ARRL School Club Roundup was very good, especially by college-level clubs. There's also growing digital activity.

Topping the Elementary / Primary School field was the Dresden Elementary Amateur Radio Station (DEARS) team at KD8NOM. The Ohio school racked up 102,828 points, mostly on SSB but with a handful of CW / digital contacts.

The Schofield Middle School Radio Club, operating N4SMS, had the top score in the Middle / Intermediate / Junior High School category. The South Carolina school ran up 428,808 points in an all-SSB effort that included contacts with 49 states.

In the Senior High School category, the Tiger Radio Club, KF5CRF, of the Mangum, Oklahoma, Public Schools, took 1st place with 268,793 points.



October 2010 School Club Roundup (SCR). LBJ High School Radio Club ranked #1 in the high school category in both 2006 and October 2010.

www.arrl.org/school-club-roundup

Texas A&M University had the top score in the College/University category, achieving 428,544 points from W5AC. The team had 1016 contacts, 50 of them on CW or digital modes.

Besting the field in the Club / Multi-Op category (W/VE) was the Duluth Children's Museum's N0DCM, with 34,572 points, mostly from phone contacts but with 59 CW / digital QSOs as well.



KF5CRF sponsor Clifton Harper, KE5YZB, mentors students in the Magnet Public School, where he teaches a World Communications class.

www.arrl.org/news/arrl-school-club-roundup-results-posted



Obsessive Antenna Disorder

AMENDMENT TO ARRL DXCC RULES EXPAND DXCC LIST

The ARRL Board of Directors approved a motion to amend the DXCC Rules, when it met January 19-20. Section II, Subsection 1 of the DXCC Rules now will include a new Subsection (d): The entity has a separate IARU member society and is included on the US State Department Independent States in the World.

In fact, *the Republic of Kosovo (Z6) has been added to the DXCC List of current entities*, increasing the total number of current DXCC entities to 340. The addition of Kosovo raises to 331 the required number of current entities confirmed to qualify for DXCC Honor Roll; Top of Honor Roll is 340. DXCC award accounts are being tabulated to reflect the change.

A new Logbook of The World (LoTW) TQSL configuration file (v.11.4) will be released on January 23. TQSL will detect when this file has been released and will install the update automatically. Radio Amateurs outside of Kosovo should continue to upload their logs to LoTW in the usual manner. LoTW users within Kosovo (either with a Z6 call sign or reciprocal call sign Z6/<home call sign>) will use TQSL to request a new call sign certificate for their call sign. The request will use Republic of Kosovo as the DXCC entity, and the QSO Begin date will be January 21 or later. LoTW will reject call sign certificate requests for the Republic of Kosovo with a QSO Begin date prior to January 21. Z6 users requesting call sign certificates may e-mail a copy of their Amateur Radio license.

<http://www.arrl.org/news/amendment-to-arrl-dxcc-rules-will-expand-dxcc-list>

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**.

CABIN FEVER HAMFEST 2018

February 24, 2018

7:00am - 1:00pm Central Time

LaPorte County Amateur Radio Club

La Porte Civic Auditorium, 1001 Ridge St., La Porte, IN

TALK-IN: 146.61 REPEATER (131.8 PL)

ADMISSION: \$7.00 PER ADULT

<http://lpcarc.org/hamfest/index.html>

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

VERMONT QSO PARTY			MINNESOTA QSO PARTY			BRITISH COLUMBIA QSO PARTY		
FEBRUARY 3, 0000Z			FEBRUARY 3, 1400Z			FEBRUARY 3, 1600Z		
FEBRUARY 4, 2359Z			FEBRUARY 3, 2359Z			FEBRUARY 4, 2359Z		
1.8-28	50+	PHONE, CW, DIGITAL	1.8-28	-	PHONE, CW, DIGITAL	3.5-28	-	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			NAME, COUNTY OR SPC			RS(T), BC DISTRICT OR SPC		
www.ranv.org/vtqso.html			www.w0aa.org/			www.orcadxcc.org/		
ARRL SCHOOL CLUB ROUNDUP			ARRL INTER. DX CONTEST, CW			AWA AMPLITUDE MOD QSO PARTY		
FEBRUARY 12, 1300Z			FEBRUARY 17, 0000Z			FEBRUARY 17, 2300Z		
FEBRUARY 16, 2359Z			FEBRUARY 18, 2359Z			FEBRUARY 18, 2300Z		
1.8-28	50+	PHONE, CW	1.8-28	-	CW	1.8-14	-	PHONE
NAME, CLASS (I/C/S) OR SPC			W/VE: RST, SPC; DX: RST, POWER			NAME, SPC		
www.arrl.org/school-club-roundup			www.arrl.org/arrl-dx			www.antiquewireless.org/		
NORTH AMERICAN QSO PARTY, RTTY			SOUTH CAROLINA QSO PARTY			NORTH CAROLINA QSO PARTY		
FEBRUARY 24, 1800Z			FEBRUARY 24, 1500Z			FEBRUARY 25, 1500Z		
FEBRUARY 25, 0559Z			FEBRUARY 25, 0159Z			FEBRUARY 26, 0059Z		
3.5-28	-	DIGITAL	1.8-28	50	PHONE, CW, DIGITAL	3.5-28	50,144	PHONE, CW, DIGITAL
NA: SPC/DC; DX: NAME			RS(T), COUNTY OR SPC			NC COUNTY OR SPC		
http://ncjweb.com/			http://scqso.com/rules/			www.rars.org/ncqsoparty/		

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 (-)	131.8 Hz required	Columbia City
						WC9AR	444.550 (+)	131.8 Hz required	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

Wabash Valley Amateur Radio Ass'n 90th Anniv		
Feb 4-17	1500Z-0400Z	W9U
www.w9uuu.org/organizations.html		
2018 Daytona 500 - Speedweeks		
Feb 14-18	0001Z-2359Z	N4DAB
www.daytonacert.net/?page_id=437		
Ice Station W0JH: Frozen Lake Portable		
Feb 17-19	1600Z-2345Z	W0JH
www.radioham.org		
Heinrich Hertz Birthday		
Feb 24	1600Z-2200Z	W4NRC
www.nashobaarc.org		
Snow Bird Field Day		
Feb 28	1400Z-2300Z	W7ASL
www.sunlifearc.org		

For a complete listing of special event stations, 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 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			

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. 1st and 3rd Thursday, 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
02/06/2018	7:00 PM	FWRC Board Meeting	GSUMC
02/13/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
02/20/2018	7:00 PM	SKYWARN Training (ACARTS and FWRC General Meeting for February)	Public Safety Academy
03/13/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
03/06/2018	7:00 PM	FWRC Board Meeting	GSUMC
03/20/2018	7:00 PM	ACARTS General Meeting	Red Cross Center
03/16/2018	7:00 PM	FWRC General Meeting	GSUMC
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