



Allen County HamNews

February 2016
Volume 17
Issue 2

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

THANKS FOR HELPING MAKE THE FWRC AUCTION A SUCCESS



The FWRC January meeting was the annual auction. More photos on pages 3 and 7 and on the FWRC web pages. Photos provided by Al Burke, WB9SSE and Tom Rupp, KU8T.



Also this month

FWRC Auction Photos.....	1, 3, 7	Contests / Classified Ads.....	10
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Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdxa/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at ab9zd@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.

Ham splatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

As we approach February, I look forward to what I hope will be a great year for FWRC and amateur radio in the greater Fort Wayne area. That being said, it appears that we are off to a good start, as



the January auction went very well, with lots of action and some interesting items changing hands. I do want to thank those who helped make the event as successful as it was; the two auctioneers, Paul Prestia, KA3OPZ, and Chad Beech, W9GGA; the data collection efforts of Bob, W8ST, and Donna Streeter, W9DJS; and the help with running the item tickets to the winners, Al Burke, WB9SSE.

Of course, with all the action and excitement, plus the nervous jitters of a new president, I totally failed to mention that the February meeting will not be taking place as a normal meeting, instead we are hoping that folks will register and attend the SKYWARN Storm Spotter training session being held on Tuesday, February 16th at the Public Safety Academy, 7602 Patriot Crossing, Fort Wayne, at 7:00 pm.

This month also is the start of the fox-hunt season, and I really encourage everyone to participate in at least one or two hunts to see what all the hoopla is all about. True, there are a few teams with all kinds of wiz-bang gadgetry, but I remember starting out with nothing more than a tape measure beam and a hand held radio, and had a blast. The club has several tape measure beams that can be made available on hunt Sundays, all you need to bring is an HT, and your enthusiasm. The more the merrier, and the chow afterward's always makes for a great time!

Not your cup of tea, or just don't want to get cold chasing some RF signal? We

could use a few good folks to brainstorm and come up with opportunities to operate as a club for different contests, we also could use a few people to come up with ideas to increase our exposure to the public as

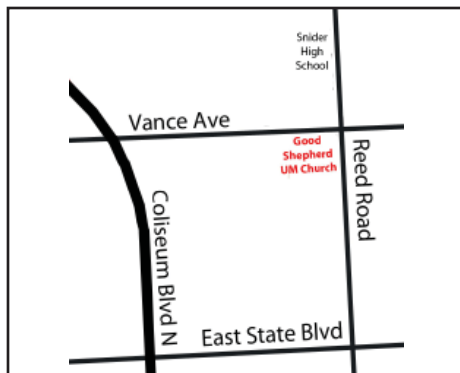
to who we are and what we do. But the real need is fund raising. We have some projects that could wind up being expensive, and trying to finance these will be a group effort, and the more ideas we throw around, the better chance we have to find something that will work for us. Have a great idea, or want to help with any of these items, contact either myself, or any BOD member, and we can start on making some working groups to get things done.

Stay warm, think spring!

Charles Ward, KC9MUT



THE FIRST FOXHUNT OF 2016 IS THIS MONTH ON FEBRUARY 7TH



February 16: SKYWARN Storm Spotter Training at the Public Safety Academy, 7602 Patriot Crossing at 7 PM.

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

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FWRC AUCTION RESULTS FOR 2016

This year the annual Fort Wayne Radio Club auction was held on Friday, January 15, 2016. There were 38 attendees who signed for an identifying number for the auction.

The auction benefit to the Fort Wayne Radio Club was a \$211.55.

Additionally, the club gained 10 new/renewing members and family members during the auction. This resulted in an income of \$180 for the club. The club also received several significant anonymous donations.

There were 29 active participants this year, with 9 who both sold and purchased items. There were 19 participants who only purchased items, and 1 participants who only sold items. In total, there were 11 sellers at the auction including the club itself.

I really appreciate the help of W9DJS, KU8T, WB9SSE, KC-9MUT and W9SAN in helping keep track of the auction proceedings, and in behalf of the club I want to thank Chad Beech and Paul Prestia for their auctioning abilities.

Bob, W8ST, Treasurer



More photos on page 7 plus you can see all of the photographs on the FWRC web page and the FWRC Yahoo Groups web page.



Photos provided by Al Burke, WB9SSE and Tom Rupp, KU8T.

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

We would really like the members' input on what programs and activities you would like ACARTS to have in 2016. What kind of program would you attend? What activities would you like to have? What speaker would you like to hear? Not only what activities would you attend, would you be willing to help organize the activity. Do you have a special interest and are you willing present a program on that topic? Let us know. ACARTS wants to be your club and do things that interest you, but we have to know your thoughts.

Jim's, KB9IH, article on the next page lists several ideas for programs and activities that Dave, W9WEL, presented last year and again this year. Please look over the list of ideas and let us know if you are interested in attending. No one is willing



to spend the time and effort to put something together, when nobody wants to attend. If there is enough interest in any activity, we will do our best to have that activity. Dave, W9WEL, has stated that he is willing to help organize something, but he would like some help, and also some assurance that enough members are willing to attend to make it worthwhile.

Please let us know what you want. We will certainly do our best to present the programs and activities that you, the members, desire. We have to know what you want and what will bring you to a meeting. Please let us know.

73,

Dave Lindquist, W9LKH

President

ACARTS JANUARY 2016 BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that the January meeting would be a planning meeting for ACARTS meetings and activities for 2016 and that there would be no February ACARTS General Meeting. The meeting would be replaced by the annual SKYWARN training to be held on February 16th at the Public Safety Academy.

Howard, N9ADS, presented the proposed ACARTS budget for 2016. After discussion, a motion was made by Bob,

N9PWM, and seconded by Bernie, K9JDF, to approve the budget as proposed. The budget was approved by a voice vote.

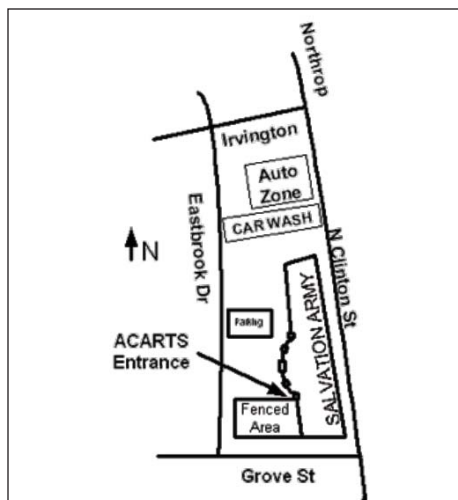
No other business was discussed.

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

Submitted by Dave Lindquist, W9LKH

February 16: SKYWARN Storm Spotter Training at the Public Safety Academy, 7602 Patriot Crossing at 7 PM.

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



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ACARTS JANUARY 2016 GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that there would be no ACARTS General Meeting in February. The meeting would be replaced by the annual SKYWARN training to be held on February 16th at the Public Safety Academy.

Howard, N9ADS, presented the proposed ACARTS budget for 2016. After discussion, a motion was made by Howard, N9ADS, and seconded by Bernie, K9JDF, to approve the budget as proposed. The budget was approved by a voice vote.

Dave, W9LKH, began the General Meeting by asking those present for their goals and ideas for ACARTS for 2016. Dave, W9WEL, stated that he had presented a list of ideas last year and that none were ever acted upon. It was stated that no one had come forward to organize any

of the activities. Jim, KB9IH, had a list of Dave's ideas from last year and presented them to the group. It was decided that Jim would write an article for the Allen County HamNews that would publicize the ideas and ask the membership if they were interested in attending any of the activities, and if anyone was willing to help organize them.

Jim, KB9IH, brought up the idea of having business cards printed showing the dates and information for the Fort Wayne Hamfest. The question of whether to give radio equipment or cash prizes at the Hamfest was discussed. It was decided that cash prizes would be given again this year.

The meeting was adjourned at 8:45 P.m.

Submitted by Dave Lindquist, W9LKH.

SUGGESTED PROGRAMS AND ACTIVITIES FOR 2016

We (ACARTS) had asked for ideas for club meetings, activities, etc. and David VanDoorn W9WEL came up with quite a list of possibilities. Dave is an ARRL "Technical Specialist" for the Indiana section. If you have any interest in or would like to facilitate any of the following please let us know.

- Classes on, Kit Building, Soldering, Mechanical Prototyping, Troubleshooting, and Repair – Vintage and later.
- Mini Field Days, at a lake or park, possibly part of a contest.
- HF operating classes for 2M hams and anyone interested.
- Cheap HF equipment, QRP etc.
- Assist with repair of equipment– Vintage and later.
- Classes on Basic Antennas.
- License preparation classes: Technician, General, Extra.
- Individual stories about how you were licensed.
- Electronics Classes – Tube type and solid state.
- Learn Morse Code – The Legendary Language of Amateur Radio. (Try it – You'll like it! – any speed – and it's not hard)

It was also suggested that we advertise these events to more than just club members.

Please send your comments to Dave W9LKH(at)Comcast.net, Jim KB9IH(at)arrl.net, and/or Dave W9WEL.X(at)gmail.com

FWRC MEMBER CREATES A NEW HIGH-POWER T/R SWITCH

Bill Rodgers, K3HZP has announced that he has created and is selling a new, automatic transmit/receive switch that makes full break-in CW operation possible with most HF amplifiers.

The DX Connection QSK 2500© allows operating a non-QSK amplifier in QSK mode with no amplifier modifications. No amplifier T/R relay interface is required. The QSK unit will interface to amplifiers whose key jack presents less than 200 volts positive or negative polarity to the QSK unit. The QSK 2500© adds a nominal 10 ms delay to the transceiver's normal RF delay to eliminate hot switching of the amplifier's internal T/R changeover relay before the first dit or dah of a transmission. After the first dit or dah, the amplifier remains keyed up for the remainder of the transmission preventing excessive T/R relay switching. The QSK 2500© returns the amplifier to standby 2 sec to 10 sec (user settable) following the last dit or dah of a transmission. The QSK unit incorporates hot switching T/R relay protection caused by some transceivers removing the amplifier key signal before the RF envelop has decayed. The QSK unit senses for RF on the amplifier RF input connector and only switches from Transmit-to-Receive when

the RF envelop is no longer present.

It has a perfect 5.0/5 rating on www.eham.net too.

For more information on the DXConnection QSK 2500©, visit:

<http://qsk2500.myfreesites.net/>

[Click here to download a PDF of the manual](#)

or send email to:

DxConnection@frontier.com.



EXTREME LONG PATH



Carl Luetzelschwab K9LA

One of the items that a DXer should have in his bag of tricks is an awareness of long path. Most of the time the short great circle path is the one that is available. But sometimes the other way around – the long great circle path – is better. Using long path could be a great advantage in picking up a new country (or a new multiplier in a contest).

Whether the short path or long path is available is based on two issues. First, there must be enough ionization all along the path to not have the signal go through the ionosphere and off into space. Second, ionospheric absorption must be low enough to give a readable signal strength.

Usually short path or long path is available. Every once in a while both short path and long path can be available simultaneously, which can make a station very difficult to copy due to the difference in delay. I've experienced this a number of times over the years, and sometimes rotating the antenna can make one path a bit better than the other.

Since the circumference of the Earth is 40,000 km (24,000 miles), long path is a path greater than 20,000 km (your antipode is exactly half way around, or 20,000 km away from you). One of the most common long paths for this area is to Japan on 10-Meters in the morning hours of summer right after sunrise on our end. This Fort Wayne-to-Japan long path is about 29,500 km, and is a pretty typical long path.

But there are even longer long paths – these can be called 'extreme long path'. One of the longest long path QSOs that I'm aware of was between Bob NM7M

(SK) in Anacortes, WA and LA9EF in Norway. This long path QSO was 33,368 km – about 84% of all the way around. This was one of NM7M's almost 1,700 long path QSOs during his year-long study (April 1, 1991 to March 21, 1992) of 20-Meter long path on CW. The thick black line in the accompanying figure shows the long path (thanks to W6ELProp for the map), with the thick red line being the short path.

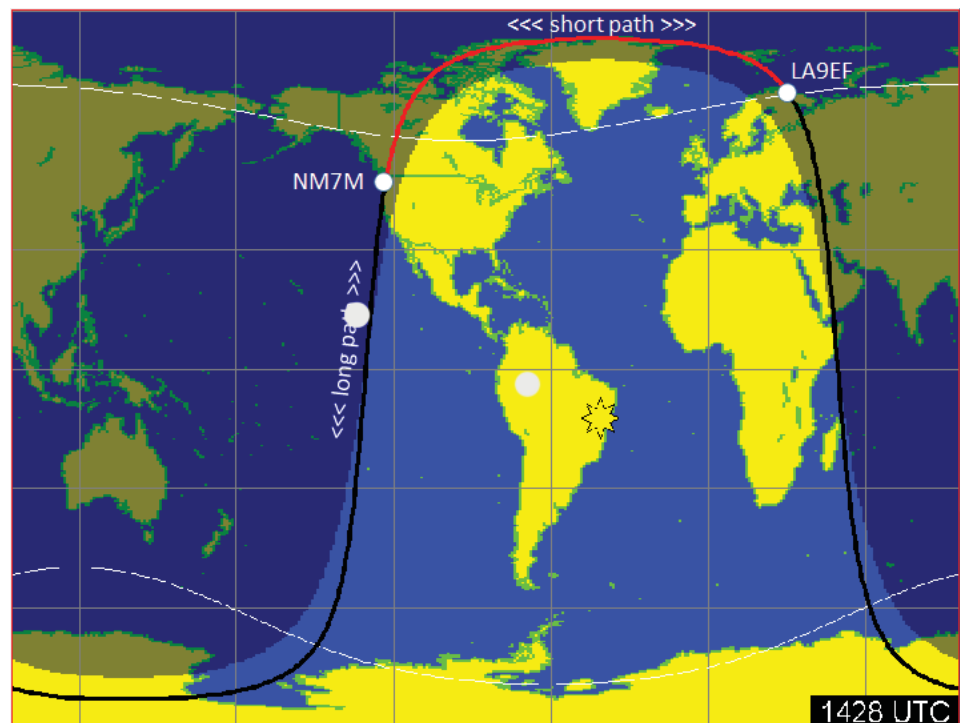
If you think about it, the limit of extreme long path is a round-the-world (RTW) echo. Along this line, I've read stories of two stations that are far enough away from each other such that short path isn't available. But when they pointed their directional antennas away from each other, the QSO was made. These stories are usually anecdotal in nature, with no analysis to confirm their observations. Having said that, though, there is enough RTW echo data to give plausibility to these observations.

Over the years I've written about long path in my Propagation column in WorldRadio and in my Practical Propagation column in CQ Plus. Three such articles can be found on my web site at:

<http://k9la.us>

One is about 17-Meter long path (it's the November 2014 article in the Monthly Feature link on the left on the home page) and two are about 10-Meter long path (they're in the HF link).

As a final note, the best bands for consistent long path appear to be 20-Meters and 17-Meters. That's because they are a good balance between absorption and ionization. Lower frequencies are at a disadvantage due to absorption (signal strength), while higher frequencies are at a disadvantage due to ionization (MUF). So if you're interested in long path QSOs, get on 20-Meters and 17-Meters and have some fun. A bit of work with your favorite propagation prediction program will give you the possibilities.



MORE FWRC AUCTION PHOTOS



Tom Gallagher, NY2RF, to Succeed David Sumner, K1ZZ as ARRL CEO

Read the full story on the ARRL web page by clicking [here](#).



Licensed in Pennsylvania in 1966, Tom is currently a member of the West Palm Beach Amateur Radio Group. He describes himself as “an incurable HF DXer and inveterate tinkerer.” He credits his first visit to the Franklin Institute’s Amateur Radio station W3TKQ in 1963 for inspiring his interest in ham radio.

“I am excited by the prospects of ARRL’s Second Century, but I am equally mindful of Dave Sumner’s enormous 4-decade contribution to our organization and of the extraordinary contributions he has made to advancing the art and science

ANOTHER FWRC HAM SHACK PHOTO

Share in the fun, send a photo or two of your ham shack to the newsletter editor at: [AB9ZD\(at\)arrl.net](mailto:AB9ZD(at)arrl.net).

Mark KA4YBR



of Amateur Radio, to growing our ranks, and to expanding the sheer enjoyment of ham radio around the world,” Gallagher said.

At his Florida home along the Intra-coastal Waterway, Gallagher has maintained a fairly low Amateur Radio profile,

with a wire antenna that, he says, works well into Europe and Latin America. He also has a 40 meter Windom. “I would like to work Asia when I get a better HF antenna solution,” he said. Gallagher has both modern and vintage stations as well as an HSMM digital repeater.

SKYWARN TRAINING IN FORT WAYNE THIS MONTH!

By Jay Farlow, W9LW, IMO SKYWARN

Severe weather might be the last thing on your mind right now, but the time has come for the annual in-person SKYWARN storm spotter training in Fort Wayne. It'll be **Tuesday, Feb. 16, at 7 p.m., at the Public Safety Academy, 7602 Patriot Crossing.**

The NWS strongly requests that all participants register in advance for the free training, so they'll know how many people to expect. You can do so at <http://ow.ly/XzIL4> or by calling (260) 449-4663.

The National Weather Service (NWS) hopes its spotters will attend the training at least once every three years, but I go every year. It's a great chance to refresh our knowledge of severe weather and what and how to report. And it's always fun to see all the other spotters who attend.

Do you know others who are interested in weather? Invite them along! Remember, you don't need to be a ham to be a storm spotter (although it makes situational awareness easier). All you need is an interest in weather and a phone or Internet connection. You don't even need a driver's license, because spotters can provide valuable information from their homes.

Though not required, the NWS recommends that spotters complete online classes before attending the in-person training. You can find them at https://www.meted.ucar.edu/training_course.php?id=23.

If you'd like to take a deeper dive into severe weather meteorology, here's some information on other upcoming educational opportunities.



Central Indiana Severe Weather Symposium, Indianapolis

This day-long event, hosted by the central Indiana chapter of the American Meteorology Society and the National Weather Service Indianapolis weather forecast office, always provides lots of fascinating information of value to storm spotters. If you want to attend, register early, because it often sells out well before the day of the event.

It's Saturday, March 5, 2016, 8 a.m. to 4 p.m., in the Reilly Room of the Atherton Union on the campus of Butler University, 704 West Hampton Drive. Information and registration are available at <http://www.weather.gov/ind/2016CISWS>. Twitter tweets about this event carry the hash tag #CISWS.



DuPage County Advanced Severe Weather Seminar, Wheaton, Ill.

This all-day event in one of the best advanced spotter training opportunities in the Midwest. I've attended at least twice. It's in a western suburb of Chicago, so it's a bit of a drive for Fort Wayne-area spotters! DuPage College's meteorology professors usually speak and they're both great presenters.

The event is Saturday, March 12, 2016, at Wheaton College. Information and registration are at <https://www.dupageco.org/weatherseminar/>. See also tweets with the hash tag #DuPageWxSeminar and the event's Facebook page: <https://www.facebook.com/groups/dupagesevereweather/>.



Participants at the 2015 SKYWARN Training

Ohio State Meteorology Club Severe Weather Symposium, Columbus, Ohio

I've attended at least three of these annual, all-day events. They usually contain interesting information and speakers but they are geared more toward meteorology students than to spotters.

The Symposium is Friday, March 4, at Ohio State University, Columbus, Ohio. Information and registration are at <http://u.osu.edu/metclub/symposium/2016-symposium/>.

2016 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2016. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

February 7
 March 6
 April 3
 May 1
 June 5
 July 10
 August 7
 September 11
 October 2
 November 6

INDIANA STATE D-STAR NET

The Indiana State D-STAR net is conducted on the first and third Thursday of each month from 7:30 PM to 8:30 PM (local time). The net uses reflector REF024B.

The FWRC D-STAR repeater uses:

- Call sign: W9TE
- Frequency: 442.99375 MHz, +5 MHz offset
- Mode: DV
- Your Call: CQCQCQ
- RPT1 Call: W9TE***B (* = spaces)
- RPT2 Call: W9TE***G (* = spaces)

FWRC REPEATER STATUS

The 146.760 machine is operating on low power because of a failure of the PA caused, we think, by the faulty antenna.

We have received a price quote for the AEP approved tower climber to replace the antenna that is about 33% greater than we had estimated it would be. The club membership had previously approved expending up to \$2,700.00 to replace the antenna. It looks like we may have to take another vote to increase that maximum to about \$3,000.00 to proceed with the replacement.

We have reviewed the draft lease agreement we received from WLDE / Sarkes-Tarzian and find no important issues with it except possibly the inferred liability insurance requirements. They may imply more expensive insurance requirements than the FWRC can reasonably afford. Negotiations with the WLDE folks will soon reveal if that's the case.

Both the 146.910 and 146.940 machines, as well as the UHF machine are operating normally.

Al Burke, WB9SSE



For a list of all of the currently scheduled NPOTA events, check the ARRL web page: <https://npota.arrl.org/nps-events.php>

The following Indiana locations are also included in the NPOTA but not yet registered for activation by any groups:

Name	Type	ARRL Code
George Rogers Clark	National Historical Park	HP13
Indiana Dunes	National Lakeshore	LK02
Lincoln Boyhood	National Memorial	NM15

Say Again?

“Electricity originates inside clouds. There, it forms into lightning, which is attracted to the Earth by golfers. After entering the ground, the electricity hardens into coal, which, when dug up by power companies and burned in big ovens called ‘generators,’ turns back into electricity ... where it is transformed by TV sets into commercials for beer, which passes through the consumers and back into the ground, thus completing what is known as a ‘circuit’.”

Dave Barry

Pulitzer Prize winning author and humorist

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/ | Contesting Wiki | https://en.wikipedia.org/wiki/Contesting |
| 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 6, 0000Z		JANUARY 7, 2359Z		FEBRUARY 6, 1400Z		FEBRUARY 6, 2359Z		FEBRUARY 6, 1600Z		FEBRUARY 7, 0400Z	
1.8-28	50+	PHONE, CW, DIGITAL		3.5-28	-	PHONE, CW, DIGITAL		1.8-28	-	PHONE, CW, DIGITAL	
RS(T), COUNTY OR SPC			NAME, COUNTY OR SPC			RS(T), DISTRICT OR SPC					
www.ranv.org/vtqso.html			www.w0aa.org			www.orcadxcc.org					
NORTH AMERICAN SPRINT, CW			NEW HAMPSHIRE QSO PARTY			ARRL INTERNATIONAL DX CONTEST, CW					
FEBRUARY 7, 0000Z		FEBRUARY 7, 0400Z		FEBRUARY 13, 1600Z		FEBRUARY 14, 2200Z		FEBRUARY 20, 0000Z		FEBRUARY 21, 2359Z	
1.8-28	-	CW		1.8-28	50+	PHONE, CW, DIGITAL		1.8-28	-	PHONE, CW, DIGITAL	
OTHER'S CALL, YOUR CALL, SERIAL, NAME, SPC			RS(T), COUNTY OR SPC			W/VE: RST, SP. NON-W/VE: RST, POWER					
ncjweb.com/Sprint-Rules.pdf			www.w1wqm.org/nhqso			www.arrl.org/arrl-dx					
SOUTH CAROLINA QSO PARTY			NORTH AMERICAN QSO PARTY, RTTY			NORTH CAROLINA QSO PARTY					
FEBRUARY 27, 1400Z		FEBRUARY 28, 0059Z		FEBRUARY 27, 1800Z		FEBRUARY 28, 0559Z		FEBRUARY 28, 1500Z		FEBRUARY 29, 0059Z	
1.8-28	50	PHONE, CW, DIGITAL		3.5-28	-	DIGITAL		3.5-28	50-144	PHONE, CW, DIGITAL	
RS(T), COUNTY OR SPC			NA: NAME, SPC. NON-NA: NAME			COUNTY OR SPC					
scqso.com/rules			www.ncjweb.com/NAQP-Rules.pdf			rars.org/ncqsoparty					

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@arrl.net.

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 7.

Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at AB9ZD@ARRL.NET several days before the first of the month.

ARRL SCHOOL CLUB ROUNDUP

February 8-12, 2016

The objective is 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.

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:

Schools: Elementary, Middle / Intermediate / Junior High School, High School, and College / University

Non-school Clubs

Individuals

Check the web page because some things have changed from past contests.

All amateur bands are permitted except 60, 30, 17 and 12 meters. Repeaters are not to be used. Only recognized simplex frequencies may be used.

Suggested HF Frequencies:

Phone (MHz): 1.855-1.865; 3.850-3.880; 7.225-7.255; 14.250-14.280; 21.300-21.330; 28.440-28.460

CW (MHz): 1.800-1.810; 3.530-3.540; 7.030-7.040; 14.030-14.040; 21.130-21.140; 28.130-28.140

Logs are to include: RS(T), Class (I/C/S), SPC

For complete rules and more information, check the ARRL web page:

www.arrl.org/school-club-roundup

Membership Application for ACARTS OR FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ Phone #: (____) _____ - _____ Unlisted? Yes
 Email address: _____ ARRL Member? Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$20.00/yr. premium.

How would you like your newsletter delivered? by snail mail download from web site.

A.C.A.R.T.S. Dues	
Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year
(New Regular memberships are \$1/month)	

Fort Wayne Radio Club Dues	
Regular membership	<input type="checkbox"/> \$20.00 / year
Family membership ¹	<input type="checkbox"/> \$30.00 / year
Student membership ²	<input type="checkbox"/> \$5.00 / year
Associate membership ³	<input type="checkbox"/> \$20.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$20.00 / year
(Memberships for Jul - Dec are 1/2 the stated amounts.)	

1. Please list all names and calls on an attached sheet. 2. K-12 or full time student 3. Unlicensed member

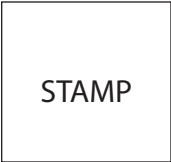
Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS	Fort Wayne Radio Club.
PO Box 10342	PO Box 15127
Fort Wayne, IN 46851-0342	Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

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

AREA NETS					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6 Meter Net
8:30 AM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net
6:00 PM	3.940	Daily Indiana Traffic Net	Wednesday		
6:30 PM	146.880-	IMO (alternate is 146.760)	7:00 PM	146.760-	FWRCYL Net
7:00 PM	147.015+	Tri State Two Meter Net	7:30 PM	147.150	21 Repeater Group
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270	Whitley Co. ARES (131.8 PL disabled)
Week Days			9:00 PM	146.940-	Help and Swap Net
8:30 AM	3.820	Little Red Barn Net	Thursday		
Sunday			7:30 PM	D-STAR	Indiana D-STAR net (Note 3)
8:00 PM	444.550+	Whitley Co. Sunday (131.8 PL)	8:00 PM	50.580 AM	6 Meter AM Net
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	Saturday		
			8:00 PM	146.685-	Huntington ARES
Notes:					
1. All times local time. Any changes or corrections should be submitted to the newsletter editor 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/inhfnet.html					



To:

Activities Calendar



Date	Time	Event	Place
02/07/2016	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
02/09/2016	7:00 PM	FWRC Board Meeting	GSUMC
02/09/2016	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
02/16/2016	7:00 PM	SKYWARN Spotter Training <i>(takes the place of the General Meetings for both ACARTS and FWRC)</i>	Public Safety Academy
03/06/2016	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
03/08/2016	7:00 PM	FWRC Board Meeting	GSUMC
03/08/2016	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
03/15/2016	7:00 PM	ACARTS General Meeting	Salvation Army Facility
03/18/2016	7:00 PM	FWRC General Meeting	GSUMC
11/12/2016		2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/13/2016		2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum