



Another Successful Auction and Foxhunt Season Is Here Again

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# Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

February 2015  
Volume 16  
Issue 2

## FORT WAYNE RADIO CLUB - AUCTION RESULTS FOR 2015

**Bob, W8ST, FWRC Treasurer**

This year the annual Fort Wayne Radio Club auction was held on Friday, January 23, 2015. There were 44 attendees who signed for an identifying number for the auction. One person came to watch and not participate in the auction activity.

The best news is that the club gained five new/renewing members during the auction. This resulted in an income of \$100 for the club. The club also received a significant anonymous donation.

The auction benefit to the Fort Wayne Radio Club was a \$84.00.

There were 32 active participants this year, with 4 who both sold and purchased items. There were 24 participants who only purchased items, and 4 participants who only sold items. In total, there were 9 sellers at the auction including the club itself.

I really appreciate the help of W9DJS, WB9SSE 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.



This photograph and the photographs on page 3 of the FWRC auction were provided by Al Burke, WB9SSE.

Due to the approaching mega snow storm, the FWRC first foxhunt of the season scheduled for tomorrow afternoon has been postponed to February 8th, a Sunday, at 1:30 pm EST. The fox will be on 146.430 FM Simplex. Come join us or just listen in on the air!

### Also this month

|                                |     |                           |    |
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### Internet Home Pages

|                            |   |
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| Fort Wayne Radio Club:     | <a href="http://www.FWRC.info/">http://www.FWRC.info/</a>   |
|                            | <a href="http://groups.yahoo.com/group/FWRC/">http://groups.yahoo.com/group/FWRC/</a>                         |
| ACARTS:                    | <a href="http://www.acarts.com">http://www.acarts.com</a>   |
| Fort Wayne DX Association: | <a href="http://www.qsl.net/fwdxa/">http://www.qsl.net/fwdxa/</a>   |
| ARES:                      | <a href="http://groups.yahoo.com/group/Allen_Co_IN_ARES/">http://groups.yahoo.com/group/Allen_Co_IN_ARES/</a> |
| IN_PACKET Yahoo Group:     | <a href="http://groups.yahoo.com/group/IN_PACKET/">http://groups.yahoo.com/group/IN_PACKET/</a>               |

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 the last day of the preceding month.

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## THE PRESIDENT'S CORNER

As Groundhog Day looms, and hope the rodent does not see his shadow, it is time to look forward to a great 2015 for Amateur Radio and the Fort Wayne Radio Club. I am writing this a day after we had our annual January Auction. The club did not make a bunch of money, but the fun element was there as usual. I want to say a special thanks to auctioneers Chad Beech, W9GGA, and Paul Prestia, KA3OPZ. Their mastery of the auctioneering art is fun to watch! And although we didn't make a lot of money on the auction fees, there was an anonymous donation from a club member for \$100. Whoever that person is, we are very thankful!!



Of course, the auction wouldn't have happened at all if it weren't for the considerable efforts of Bob and Donna Streeter, who looked like they were in a marathon during the event! The fact that we got through it all with just an occasional hiccup is a testament to their attention to detail! Thank you Bob and Donna!

OK, now back to the future! We announced at the auction that we will not have a 'normal' February FWRC meeting. Instead, we encourage you to register and attend the NWS SKYWARN Spotter training on February 17th at the Public Safety Academy. On Feb 20th, which would have been our regular meeting date, we will have a meeting to discuss changes to the FWRC foxhunting program. We feel we need to do this as our usual foxhunting group has realized that we have gotten caught up in an "Arms Race" of different technologies that have left some potential hunters reluctant to join in. Of

course, we hams are all about technology, but it has become difficult to get into the field. We will be looking at a variety of ideas, such as having different classes for beginners and the high-tech guys, to have a normal meeting, but the date will be moved by one week due to conflict at the Church. So plan on March 27th (not the 20th) at the church. Also, as we have asked before, if you have an idea for a club presentation, please let us know, we'll try to make it happen.

Best Regards,  
Steve Nardin, W9SAN

### Local Ham License Exam Sessions

01/31/2015 \* 04/25/2015 \* 07/25/2015

9:00 AM (Walk-ins allowed)

Contact Roger L. Mc Entarfer (260) 503-9008 or n9qcl (at) arrl.net

Peabody Library  
(lower level, community rooms A & B)  
1160 E State Road 205  
Columbia City, IN 46725-2312

Whitley County ARC, Inc.



**February 17:** SKYWARN training at the Public Safety Academy.

**February 20:** We will have a meeting to discuss changes to the FWRC Fox Hunting program.

### Officers

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Jay Farlow, W9LW

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



# PHOTOS OF THE FWRC JANUARY 2015 AUCTION



Photos provided by Al Burke, WB9SSE

# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS PRESIDENT'S MESSAGE

Remember that there is no ACARTS general meeting in February. The meeting will be replaced with the SKYWARN training at the Public Safety Academy on our regular night, February 17th.



ideas to the general membership in the future to see if there is enough interest to warrant going ahead with any of the activities or projects.

Winter is half over and it certainly has not been anything like last year. Let's hope that stays

The January general meeting on planning ACARTS for 2015 went over well. Several suggestions for activities and projects were offered, as well as suggestions for meeting programs. Thanks to all of you that offered ideas or suggestions. I will present some of the

the same for the second half and the approaching hamfest season.

73,

Dave Lindquist, W9LKH

## ACARTS JANUARY GENERAL MEETING MINUTES

ACARTS general meeting was called to order at 7:30 pm local time on Tuesday, January 20th.

2015 budget was presented, and after a little discussion a motion to pass was made by Howard (N9ADS) and seconded by Jim (KB9IH), and was accepted by all present.

The major purpose of the meeting was to decide on possible 2015 activities. The following ideas were presented and discussed:

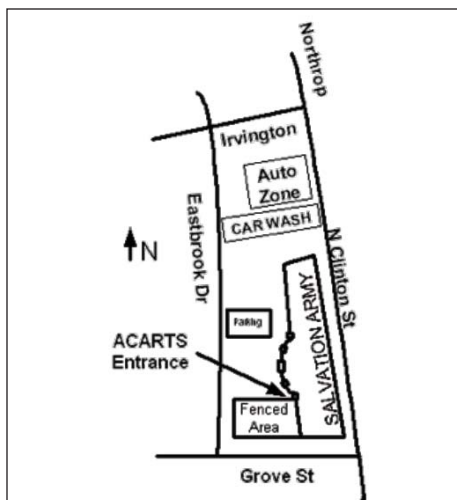
- Have electronic kit building projects that will help with basic technical skills
- Purchase used equipment, fix up if needed, and resell for low prices or give away to new hams
- Mini field day type activities, get out into the community and get on the air in public

- HF operating classes (technical skills as well as etiquette)
- Equipment repair clinics
- Antenna theory, design, and building classes
- License exam prep classes
- QRP operation classes
- Digital text operation (PSK31 and similar, using fldigi) training
- Digital voice (D-STAR and DMR) training

Please feel free to contact any of the board members with more ideas, or to let us know what ideas you like best.

**February 17:** The SKYWARN training on the 17th will take the place of the ACARTS general meeting.

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



## ACARTS Officers

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The February general meeting will be replaced by SKYWARN training, March general meeting will be on antennas, presented by Jim, KB9IH

Meeting was adjourned at 8:50pm local time.

Submitted by Andrew Sprow, KB9YJH

## ACARTS JANUARY BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that the SKYWARN training at the Public Safety Academy would take the place of the February ACARTS general meeting.

Howard, N9ADS, presented the proposed ACARTS budget for 2015. A motion was made by Jim, KB9IH, to present the proposed budget at the general meeting for approval. The motion was seconded by Dave, WB9UNL, and was passed by a voice vote.

No other business was discussed.

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

Submitted by Dave Lindquist, W9LKH



## PARTICIPATION IN ARRL CENTENNIAL ON-THE-AIR EVENTS EXCEEDS ALL EXPECTATIONS

### From ARRL News

Attendance at the ARRL's on-the-air Centennial celebration in 2014 was through the roof! Approximately 3.5 million contacts were recorded for W1AW portable operations and the Centennial Points Challenge during the Centennial QSO Party last year.

"The Centennial QSO Party was a huge success, and participation was way greater than anyone anticipated it would be when we were in the planning stages," said Norm Fusaro, W3IZ, Assistant Manager, Field Services and Radiosport Department. As a result, the window for operators to apply and pay fees for awards they earned in the Centennial QSO Party is not expected to open until mid-March.

Fusaro said that while award certificates have been printed, the task of checking and double-checking the electronic logs and resolving any anomalies has put an unexpected burden on staff resources.

To compete in the Centennial Points Challenge, logs must have been submitted through Logbook of the World (LoTW). The system will automatically look for points-qualifying QSOs from submitted logs and apply them to each participant's Centennial QSO Points total. During January, ARRL Headquarters has been recalculating all submitted scores to come up with final tallies.

"Recalculating will allow operators to earn points for contacts they made with stations that were not yet in the database when the logs went into LoTW," Fusaro explained. "Accuracy in fulfilling awards is important, and we need to get this right the first time. It's been a very time and staff-intensive process, researching busted call signs and running down claimed contacts and mode discrepancies for operators."

The deadline to submit logs for 2014 via LoTW was January 22, but participants may apply for Centennial awards indefinitely, once the application process is up and running. Operators do not have to use LoTW to apply for Points Challenge certificates or W1AW WAS awards.



Enhancements to LoTW — which served as the repository for Centennial QSO Party contacts — also contributed to the delay. And a few operators logged on paper; those logs were keyed into the system manually.

Qualifying for the Top Level Award requires 15,000 points. The Third Level Award requires 7500 point, while the Second and First Level awards require 3000 and 1000 points, respectively. Point totals will be printed on certificates.

Meanwhile QSL cards for W1AW portable and W100AW operations are not yet back from the printer's. "We did not plan to have as many W1AW/p operators, which contributed to the bonanza of Centennial QSO Party contacts," Fusaro said. US stations that worked W1AW/p and W100AW during the Centennial may request QSL cards via the Incoming QSL Service on the Centennial QSO Party web page.

This is a one-time only use of the QSL Bureau for this purpose, and those who want to receive cards via the Bureau should ensure that their accounts are sufficiently funded, because cards will not be held. Cards destined for stations outside the US will be sent via the QSL Bureau. Participants also may request cards directly, providing one SASE for up to six cards per envelope.

W1AW/p and W100AW will not confirm every contact on the traditional paper QSL cards, but will confirm QSOs for each mode and on most bands on a single card for each weekly operation.

<http://www.arrl.org/news/participation-in-arrl-centennial-on-the-air-events-exceeds-all-expectations>



## WHERE DID 50 OHMS COME FROM?

**Carl Luetzelschwab K9LA**



I don't know about you, but I sure have a lot of coax cable here at the AE9YL/K9LA station. I have short lengths interconnecting equipment, long lengths from the shack to the remote antenna switches on the towers and medium lengths running up the towers from the remote switches to the various antennas. And they are all 50 ohm characteristic impedance.

ity). The actual geometric mean is 48.1 ohms, which probably was rounded up to 50 ohms for ease of use in calculations (for example, determining the SWR on the coax line knowing the load impedance).

So there you have – where our 50 ohms likely came from.



As a side note, the 75 ohm impedance in the CATV industry appears to come from the minimum attenuation value, since breakdown voltage and power-carrying capability aren't the issue.

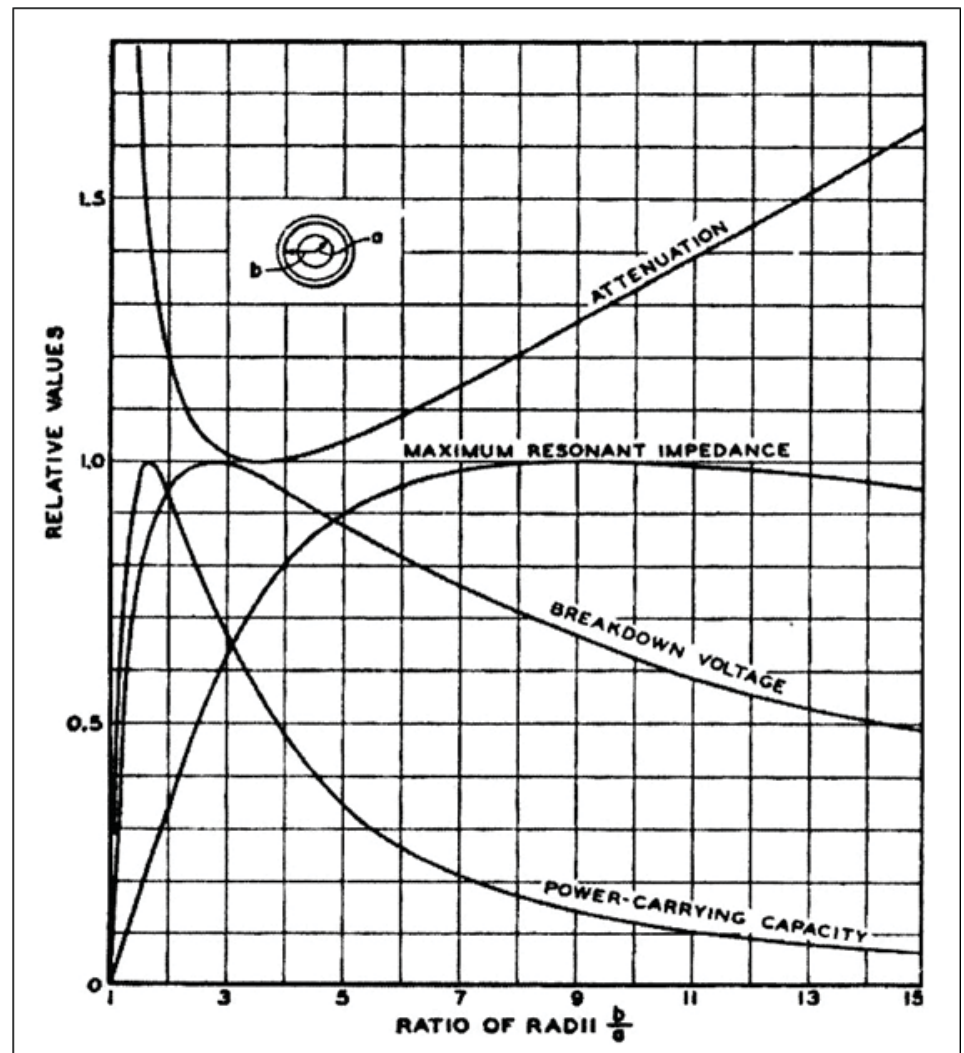
So where did the 50 ohm value come from? The best explanation I've seen comes from a book titled "Microwave Transmission Design Data" by Theodore Moreno (Dover, 1958). Figure 4.3 from that book shows various coaxial cable parameters versus the ratio of the inner conductor radius to the outer conductor radius (b/a).

The horizontal axis is the aforementioned ratio. The vertical axis gives relative values of the various parameters so that the minimum or maximum value of each parameter is 1.0.

The ratio of the inner conductor radius to the outer conductor radius sets the characteristic impedance of the coax (air dielectric) thru the equation  $Z = 138 \text{ times the log of } b/a$ . A value of 1.5 on the x-axis is 24 ohms. A value of 3 is 66 ohms. A value of 5 is 96 ohms. A value of 9 is 132 ohms.

From this, we can determine that the impedance for minimum attenuation is 77 ohms. The impedance for maximum breakdown voltage is 60 ohms. The impedance for maximum power-carrying capability is 30 ohms.

It is believed that the value of 50 ohms comes from the geometric mean of 77 ohms (minimum attenuation) and 30 ohms (maximum power-carrying capability).



Coaxial Cable Parameters



# POWER SUPPLY IN A BUCKET

By Steve Nardin, W9SAN

Like most hams, I have an older linear power supply that is great for quiet, clean DC power but with one big drawback: weight! My Astron supply is great until I need to go somewhere in the field. Then, its 40 pound weight is a real problem. So, I purchased a Jetstream switching power supply that is capable of up to 30 amps with a weight of only 5 pounds! This was a great way to go, or so I thought until my first JOTA operation. What a disaster! The supply not only dumped a lot of RF noise into my rig, but also other HF stations as well. It was OK for VHF, but still I didn't want to wipe out other stations around me. What a disappointment! I was considering buying another new switching supply, but then I had an idea: why not put a Faraday Cage around the supply.

Of course, making a Faraday Cage, or enclosed shielded box for the supply soon became a challenge. How do I shield the entire supply for a low cost? I could use a Corcom line filter for the AC power line coming into the supply, and a Feed-through capacitor for the 12 volt output. That would keep the RFI on the inside of the "cage." But a box big enough to place the supply inside was going to cost me. Then, one day while walking through our local Menards store, I saw the solution: Put the supply inside a steel bucket, and make a custom top to seal in the RFI! For \$7 I purchased an American made metal bucket with handle, and used some sheet steel to make the top. For output connections, I made a circuit board with two binding posts to connect 12 volt loads, plus 5 Anderson Power Poles for my transceivers and accessories to plug into. Also, I found a 4 socket cigarette type connector



for other accessories, and plugged a USB adapter into it so I could charge and run my iPhone stuff.

I carefully planned the cutting and shaping of the metal top for the bucket. This took the majority of the build time. Sheet metal sheers and a drill were the majority of tools required. Then came another challenge: how do I keep the supply from rattling around inside the bucket? I placed some rubber drawer liner in the bottom of the bucket to insulate the bottom of the supply. Then I cut a cardboard template to hold the supply upright and in position. Using the template, I then cut some wood luan material to surround the supply and hold it in position. The fact that the bucket had a taper to it meant

that it would not fall to the bottom of the bucket and would stay in place, and it was an insulator itself.

The result of all this effort is that it worked! No longer is my supply a radio noise source. I made sure that there are adequate cooling holes around the bottom of the bucket and on the top, plus I left room in case I needed to mount a 12 volt fan on top. So far, it hasn't been needed. The handle for the bucket conveniently makes carrying it easy, and the weight is only about 7 pounds: a lot easier than the 40 pound Astron. The added power pole outputs are a nice feature, and it didn't cost anything since I had the PC board material lying around my junk box.

The pictures tell the rest of the story.



## NEW REPEATER IS UP AND RUNNING ON 224.880 MHz



There is a new 224.880 MHz, 1.6 MHz negative offset (223.280 MHz) here on the west side of Fort Wayne. At the present time the repeater is in a intermediate location, but will be at the Masonic Temple uptown and the antenna will be at 125 feet. The antenna is currently at 80 feet.

Transmitter is running 30 watts output into the duplexer.

Thanks to Scott KA9SLN, and his equipment Marti TX, RX and NHRC-7 controller.

K9OMA Jim did a great job on the duplexer no de-sense at all.

The call sign is W9FEZ. Please give it a try.

73

Tom - KU8T

## SPOTTER TRAINING RETURNS TO FORT WAYNE THIS MONTH

By Jay Farlow, W9LW, quadrant director, IMO SKYWARN

The National Weather Service (NWS) will conduct live, in-person SKYWARN storm spotter training in Fort Wayne this month. The session is scheduled for Feb. 17 at 7 p.m. at the Public Safety Academy/Ivy Tech South Campus, 7602 Patriot Crossing (off Lafayette St. south of Tillman Rd.).

The NWS relies heavily on trained, volunteer storm spotters. Ham radio operators have strongly supported the SKYWARN program for decades. An important part of that support is to receive NWS training and to keep that knowledge up to date.

I want to be as helpful as possible to the NWS and, thereby my community. That's why I attend SKYWARN training every year, even though the NWS only expects spotters to attend at least once every three years. I find it helpful to refresh my memory from the previous year and to make sure I'm aware of any new information.

If you've never attended the training, this is your chance to do so without trav-

eling out of town. If you have attended in previous years, this month's training will be a good refresher.

If you know anyone who is curious about what storm spotting is, invite them to attend. Remember that while a ham license is helpful to spotters, it's far from necessary, especially in these days of smartphones and mobile Internet.

Also remember that these days, the NWS considers the in-person training to be supplemental to online spotter training available on the MetEd website (<https://www.meted.ucar.edu/>). It recommends that all spotters complete the online training in addition to the in-person training and ideally, before the in-person session.

Finally, the NWS sincerely requests that all individuals register in advance for in-person training sessions. I have already honored that request, by registering for the Feb. 17 session. You can register online at <http://allen-in-spotter.eventzilla.net/> or you can register by phone by calling the Allen County Office of Homeland Security at 260-449-4663.

### 2015 Foxhunt Schedule

The following is the planned Foxhunt schedule for 2015. All foxhunts start at 1:30 PM on Sunday. Location to be announced:

|            |              |
|------------|--------------|
| February 8 | July 12      |
| March 1    | August 2     |
| April 12   | September 13 |
| May 3      | October 4    |
| June 7     | November 1   |



Foxhunt dates are tentative. This schedule corrects an error in the calendar published in last month's newsletter.

The first Foxhunt of the season scheduled for February 1st has been postponed due to the impending big 'ole snow storm, Linus. We will hold the foxhunt, weather permitting, on Feb 8th at 1:30 pm EST. The fox will be on 146.430 FM Simplex. Hope to see you all there and at the special Foxhunt meeting on February 20th.





# Spotter 2015 Training

Train \* Equip \* Connect \* Integrate



## Location

Public Safety Academy: Ivy Tech South Campus  
7602 Patriot Crossing  
(in the Auditorium)  
Fort Wayne, Indiana 46806



## Date and Time

Tuesday, February 17th, 2015 – 7:00 PM

## Online Registration

<http://allen-in-spotter.eventzilla.net>

**No internet – No problem**

Registration can be done by calling

(260) 449-4663

-or-

(574) 834-1104 x726



**Completion of MetEd Online Spotter Training is recommended**

[https://www.meted.ucar.edu/training\\_course.php?id=23](https://www.meted.ucar.edu/training_course.php?id=23)

**Hosted by:**

**Allen County Office of Homeland Security**

1 E. Main Street, Suite 754

Allen, IN 46802

[www.allencounty.us/homeland/](http://www.allencounty.us/homeland/)

**Training Presented by:**

**National Weather Service Northern Indiana**

Michael Lewis – National Weather Service

[michael.lewis@noaa.gov](mailto:michael.lewis@noaa.gov) –or- (574) 834-1104 x726

<http://www.weather.gov/iwx>

# 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 | <a href="http://www.arrl.org/contests">www.arrl.org/contests</a>                           | ARRL's National Contest Journal | <a href="http://www.arrl.org/ncj">www.arrl.org/ncj</a>              |
| ARRL Contest Update          | <a href="http://www.arrl.org/contest-update-issues">www.arrl.org/contest-update-issues</a> | Contesting On-Line              | <a href="http://www.contesting.com">www.contesting.com</a>          |
| WA7BNM Contest Calendar      | <a href="http://www.hornucopia.com/contestcal/">www.hornucopia.com/contestcal/</a>         | Contesting Wiki                 | <a href="http://wiki.contesting.com">http://wiki.contesting.com</a> |
| DX Zone Contesting           | <a href="http://www.dxzone.com/catalog/Contesting/">www.dxzone.com/catalog/Contesting/</a> | Radio-Sport.Net                 | <a href="http://www.radio-sport.net/">www.radio-sport.net/</a>      |

| YL-OM CONTEST  |               |                    | VERMONT QSO PARTY  |               |                    | MINNESOTA QSO PARTY                                     |              |                    |
|--|---------------|--------------------|--|---------------|--------------------|---|--------------|--------------------|
| FEB 6, 1400Z   | FEB 8, 0200Z  |                    | FEB 7, 0000Z   | FEB 8, 2400Z  |                    | FEB 7, 1400Z  | FEB 7, 2359Z |                    |
| 1.8-28   | -             | PHONE, CW, DIGITAL | 1.8-28   | 50,144        | PHONE, CW, DIGITAL | 1.8-28  | -            | PHONE, CW, DIGITAL |
| CALL SIGN, RST, SERIAL AND S/P/C                                 |               |                    | RS(T) AND VT COUNTY OR S/P/C   |               |                    | NAME AND MN COUNTY OR S/P/C                             |              |                    |
| <a href="http://www.ylrl.org">www.ylrl.org</a>                   |               |                    | <a href="http://www.ranv.org">www.ranv.org</a>   |               |                    | <a href="http://www.w0aa.org">www.w0aa.org</a>          |              |                    |
| NORTH AMERICAN SPRINT  |               |                    | SCHOOL CLUB ROUNDUP  |               |                    | BRITISH COLUMBIA QSO PARTY                              |              |                    |
| FEB 8, 0000Z   | FEB 8, 0359Z  |                    | FEB 9, 1300Z   | FEB 13, 2359Z |                    | FEB 7, 1600Z  | FEB 8, 0400Z |                    |
| 3.5-14   | -             | CW                 | 1.8-28   | 50+           | PHONE, CW, DIGITAL | 1.8-28  | -            | PHONE, CW, DIGITAL |
| BOTH CALL SIGNS, SERIAL, NAME, AND S/P/C                         |               |                    | RS(T), CLASS, S/P/C  |               |                    | RST AND BC DISTRICT OR S/P/TERRITORY OR DX              |              |                    |
| <a href="http://www.ncjweb.com">www.ncjweb.com</a>               |               |                    | <a href="http://www.arrl.org/school-club-roundup">www.arrl.org/school-club-roundup</a> |               |                    | <a href="http://orcadxcc.org/">http://orcadxcc.org/</a> |              |                    |
| ARRL INT'L CW DX CONTEST   |               |                    | NEW HAMPSHIRE QSO PARTY  |               |                    | NORTH AMERICAN QSO PARTY RTTY                           |              |                    |
| FEB 21, 0000Z  | FEB 22, 2359Z |                    | FEB 14, 1600Z  | FEB 15, 0400Z |                    | FEB 28, 1800Z   | MAR 1, 0600Z |                    |
| 1.8-28   | -             | CW                 | 1.8-28   | -             | PHONE, CW, DIGITAL | 3.5-28  | -            | DIGITAL            |
| RST, STATE/PROVINCE OR POWER                                     |               |                    | RS(T) AND NH COUNTY OR S/P OR "DX"   |               |                    | NAME AND S/P/C  |              |                    |
| <a href="http://www.arrl.org/contests">www.arrl.org/contests</a> |               |                    | <a href="http://www.w1wqm.org">www.w1wqm.org</a>                                       |               |                    | <a href="http://www.ncjweb.com">www.ncjweb.com</a>      |              |                    |

## 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](mailto:ab9zd@arrl.net).

### Say Again?

"So one day, I slammed the phone book down in front of them and said 'Okay, I don't know how to call these people, but I'm ready.'"

*Brooke Hogan*

*Singer-songwriter, television personality, actress, model (and daughter of professional wrestler Hulk Hogan)*

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](mailto:AB9ZD@ARRL.NET) several days before the first of the month.



# 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.

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

|   |   |
|---|---|
| <b>Fort Wayne Radio Club Dues</b>                       |   |
| Regular membership                                      | <input type="checkbox"/> \$20.00 / year |
| Family membership <sup>1</sup>                          | <input type="checkbox"/> \$30.00 / year |
| Student membership <sup>2</sup>                         | <input type="checkbox"/> \$5.00 / year  |
| Associate membership <sup>3</sup>                       | <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

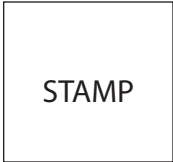
Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

|                           |                           |
|---------------------------|---------------------------|
| 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 (-)   | Voice   | General use / Skywarn priority (Note 1)         |
| 147.255 (+)   | Voice   | General use                                     |
| 443.800 (+)   | Voice   | General use                                     |
| 144.390 (s)   | Digital | APRS - wide                                     |
| 145.530 (s)   | Digital | W9INX-1 Digipeater and Node                     |
| W9TE  |         | FWRC  |
| 146.760 (-)   | Voice   | General use                                     |
| 146.940 (-)   | Voice   | General use with autopatch                      |
| 146.910 (-)   | Voice   | EchoLink connection repeater Node number 519521 |
| 444.875 (+)   | Voice   | General use                                     |
| 439.25 In, 910.250 Out                                | ATV     | 144.340 Audio & control                         |
| 442.99375   | D-STAR  | General use (Note 1)                            |
| 224.880 (-)   | Voice   | W9FEZ, 1.6 MHz offset                           |
| <b>Notes:</b>   |         |   |
| 1. D-STAR, 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   |
| <b>Notes:</b>  |                  |   |           |             |   |
| 1. All times local time. <b>Any changes or corrections should be submitted to the newsletter editor AB9ZD (at) ARRL.NET.</b>   |                  |   |           |             |   |
| 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: <a href="http://www.inarrl.org/inhfnet.html">http://www.inarrl.org/inhfnet.html</a>   |                  |   |           |             |   |



To:

## Activities Calendar



| Date       | Time        | Event                   | Place                              |
|------------|-------------|-------------------------|------------------------------------|
| 02/08/2015 | 1:30 PM     | Foxhunt                 | Off Track Betting                  |
| 02/10/2015 | 7:00 PM     | FWRC Board Meeting      | GSUMC                              |
| 02/10/2015 | 7:00 PM     | ACARTS Board Meeting    | Salvation Army Facility            |
| 02/17/2015 | 7:00 PM     | SKYWARN Training        | Public Safety Academy              |
| 02/20/2015 | 7:00 PM     | FWRC General Meeting    | GSUMC                              |
| 03/01/2015 | 1:30 PM     | Foxhunt                 | To Be Announced                    |
| 03/10/2015 | 7:00 PM     | FWRC Board Meeting      | GSUMC                              |
| 03/10/2015 | 7:00 PM     | ACARTS Board Meeting    | Salvation Army Facility            |
| 03/17/2015 | 7:00 PM     | ACARTS General Meeting  | Salvation Army Facility            |
| 03/27/2015 | 7:00 PM     | FWRC General Meeting    | GSUMC                              |
| 11/15/2015 | 9 AM - 4 PM | 2014 Fort Wayne Hamfest | Allen County War Memorial Coliseum |
| 11/16/2015 | 9 AM - 2 PM | 2014 Fort Wayne Hamfest | Allen County War Memorial Coliseum |