



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

January 2014
Volume 15
Issue 1

FWRC LEADS SUCCESSFUL 2013 SKYWARN RECOGNITION DAY EVENT AT NORTHERN INDIANA NWS OFFICE

by Joseph Lawrence, K9RFZ

In an effort to distribute responsibility for leading the annual SKYWARN® Recognition Day (SRD) at the Northern Indiana National Weather Service office, IMO SKYWARN President Lyle Long and Michael Lewis, NWS Warning Coordination Meteorologist invited the FWRC to run the event this year. From the start, FWRC extended an open invitation to all clubs in the surrounding counties for their members to volunteer and register for specific operating periods during the 24 hour event. Eventually members from the FWRC, Hoosier Lakes Radio Club (Warsaw), 21 Repeater Group (Noble County), and Elkhart Amateur Radio Club operated together under the WX9IWX call sign to represent the Northern Indiana NWS office.



Lyle Long N1LL (left) and Jim Moehring KB9WWM (right) operating from the Northern Indiana NWS at 4AM

The 2013 SKYWARN Recognition Day event occurred on December 7 starting at 0:00 UTC and ran through 24:00. Much of the early coordination and planning was handled by FWRC member Joseph Lawrence, K9RFZ. He scouted the NWS office a week in advance on "Black Friday" (avoiding the holiday shoppers) to assess an-

tenna options. Fortunately, there are four 30 foot tall light poles on the office's parking lot that form a 35 ft x 65 ft rectangle. The spacing and positions are ideal for supporting three wire end-fed antennas. A 20m wire fit nicely along a 35 ft side. A multi-band (60 ft long, 160 – 10m) end-

fed fit along one 65 ft side. This allowed the 40m end-fed to fit across the diagonal. All three end-feds' feed points were fastened to the fourth light pole using a wooden clamping fixture designed and built by K9RFZ. A dual-band 2m/440MHz

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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 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

Looking forward to 2014, this is starting to look like a year of changes. Certainly, the FWRC is going to be part of those changes, as our BOD now has three "new" YL faces, which will add their influence on the direction of the club. We have a new Communication Manager as well, so we are looking for fresh input from him as well. The rest of the BOD are old hands at running the club, so I am confident that the interaction between old and new will result in good times for FWRC during the ARRL centennial year.

Since New Year's is the time to make resolutions, I have got some Amateur Radio Resolutions that may find some common ground among many of you. Here goes.....

1.) The Shack! OK, I have already started cleaning up the shack, but there is a way to go! During the winter cold, why not start sprucing up your station for a year of fun operating! Please take some digital photos, both "before" and "after". Maybe we can have a "Best Shack" contest....

2.) The Antenna! Once the weather starts to warm, why not resolve to bring your skyhook up to snuff with some needed improvements or enhancements. Guys like me in an antenna restricted area are constantly trying new ideas, and that's the best way to finding the optimal solution. Plan out what your changes are to be, get the material at the Dayton Hamvention, and get to work!

3.) Operating Activities! Maybe this is the year you will try something new, like Fox Hunting, or Contesting, or Traffic Handling, or Weak Signal VHF, or QRP, or whatever tickles your fancy. As always, the club will run several events and we will need

your help to man them, so please consider lending a hand when the time comes.

Right now 2014 is looking good! we've got all the club meetings on the website, and the Fox Hunts, too, so we should be adding operating events shortly. If you don't normally come out and operate, please consider doing so. You might discover that you like it!

Remember, it's YOUR club, we thank you for your support, but please get out and enjoy it!

73, Steve Nardin, W9SAN

PS: Don't forget to renew your club membership for 2014. And, we are still looking for ideas for club meetings and events. TNX!



Say Again?

"Four or five frigates will do the business without any military force."

*British Prime Minister Lord North
With regard to dealing with the
rebellious American colonies
1774*



January 17: Meeting topic to be determined.

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

MARK YOUR CALENDAR! FWRC TENTATIVE CALENDAR FOR 2014

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FOXHUNT	-	2	2	6	4	1	6	3	7	5	2	-
BOD	7	11	11	1	4/29	10	8	5	9	7	11	9
MEETING	17	21	21	11	9	20	18	15	19	17	21	19

OPERATING ACTIVITIES

IPFW Special Event Station: TBD

Indiana QSO Party: May 3

ARRL June VHF QSO Party: Jun 8 & 9

ARRL Field Day: Jun 22 & 23

CQ WW VHF Contest: Jul 20 & 21

ARRL Sept VHF QSO Party: Sept 14 & 15

CQ WW DX Contest: Oct 25 & 26

JOTA: Oct 18

ARRL 160 CW Contest: Dec 6 & 7

ARRL 10 Meter Contest: Dec 14 & 15



FORT WAYNE RADIO CLUB MEETING MINUTES

The December meeting of the Ft. Wayne Radio Club occurred at the Good Shepherd United Methodist Church on 20 December, 2013 and featured the club's annual Christmas Banquet as the main element of business. But despite this being a time of exchanging Christmas cheer, consuming a plethora of good food, and trading gifts among the sixty or-so attendees, a little bit of club business was never-the-less accomplished.

Club President Steve Nardin, W9SAN

announced that the club had located a tower-climbing contractor (Tower Erection Maintenance, Inc.) that had bid a not-to-exceed price of \$750.00 to replace the 146.910 repeater's antenna located on the Kettler Hall tower at IPFW. The existing antenna had gone bad and so the 146.910 transmit footprint had been compromised.

Steve asked those present to vote on the approval of the not-to-exceed expenditure to replace the antenna. The vote

was taken and the expenditure approved.

Then everyone got down to eating. A few pictures of the goings-on can be found on the club web page and in the January issue of the Allen County Ham News.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

MORE CHRISTMAS PHOTOS ON PAGES 7, 8 AND 9



A FINANCIAL NOTE FROM THE TREASURER

Members of the Fort Wayne Radio Club may recall that the club applied for reinstatement of the club's Federal tax exempt status in November of 2012. The Internal Revenue Service has just notified us that the club tax exempt status has been reinstated and is retroactive to the date the club had no longer been considered tax exempt by the IRS.

The club is incorporated in the State of Indiana as a not-for-profit organization. Indiana honors the federal tax exempt status provided by the IRS. Thus, the club does not, will not, and never did owe income tax to either the federal or state governments. (This only applies to the income tax. The club still must pay sales tax for purchases when sales tax is due).

The tax exempt status is derived from the club registering with the IRS as a social club under Section 501 (c) - 7 of the IRS code. The club must file regular reports with the IRS to maintain this tax exempt status.

This registration does not make dues payments or donations to the club deductible for federal or state income tax purposes. Donations to the club by businesses MAY be deductible for the business under certain circumstances.

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

A great big thank you to all that attended the ACARTS Christmas Dinner. We had thirty members and guests, which is a record for ACARTS events in recent years. I didn't hear any complaints, so I assume that everybody enjoyed a couple of hours of good food and conversation.



would bring you to a meeting. Have you heard a presentation in the past that you would like to hear an updated version or a speaker that you have heard and would like to hear again? Is there a topic that you would like to know more about? Please let me know your suggestions and I

will do my best to accommodate you.

What can ACARTS do for you in 2014? What type of presentations or activities would you like at the meetings? Please give me some suggestions as to what

Best wishes for 2014.

73,

Dave Lindquist, W9LKH

ACARTS DECEMBER BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave asked if anyone had any ideas for the January program. He also stated that there would be no February ACARTS General Meeting as the Skywarn training for the area would be held that night at Columbia City High School.

Dave reported that he had updated the frequency coordination for the club repeaters with the Indiana Repeater Council. This must be done every two years to retain the coordination. He added that he has not heard back from them, but doesn't expect any problems.

Howard, N9ADS, reported on the final Hamfest results. The club made approximately \$2600.00 this year.

Jim, KB9IH, reported that he had received approval from the ARRL for the 2014 Hamfest to be the 2014 Indiana State Convention.

A motion was made by Jim, KB9IH, that the club donates \$500.00 to the Salvation Army and \$500.00 to the Community Harvest Food Bank, as was done last year. The motion was seconded by Dave, WB9UNL, and passed by a voice vote.

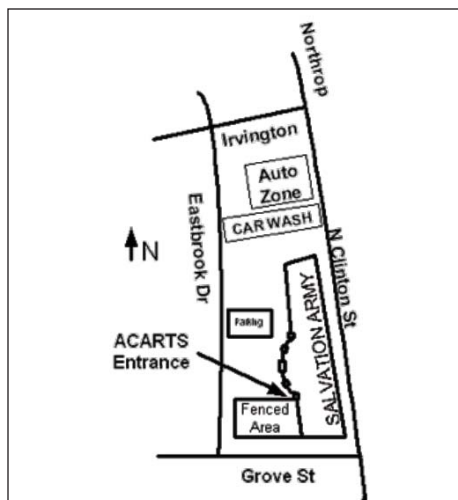
No other business was discussed.

The meeting was adjourned at 8:05 p.m.

Submitted by Dave Lindquist, W9LKH

January 21: Topic to be determined.

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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MARK YOUR CALENDAR! ACARTS CALENDAR FOR 2014

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
BOD	14	11	11	8	13	10	-	12	9	14	11	9
MEETING	21	18 §	18	15*	20	17	-	16*	16	21	18	16*

* TENTATIVE DATES

April 15 - Spring Banquet
 August 16 - Annual Picnic
 December 16 - Christmas Dinner

§ PLANNED EVENTS

February 18 - Skywarn – Columbia City HS
 November 15 & 16 - Hamfest

Don't forget to pay your dues for 2014 if you haven't already.

ACARTS CHRISTMAS DINNER



On December 17, 2013 we had another great ACARTS Christmas Dinner, at the Don Halls Guesthouse on Washington Center Rd here in Fort Wayne, IN. We had a total of 30 present to enjoy the good food, conversation and the festive atmosphere.

Photos by Tom - KU8T

FROM THE ARRL WEB SITE - TOKYO HY-POWER FILES FOR BANKRUPTCY

Tokyo Hy-Power, a manufacturer of Amateur Radio amplifiers, antenna tuners, and other equipment, is in bankruptcy, and its plant, in Saitama Prefecture near Tokyo, has been shuttered. Telephones at the company no longer are being answered, and its Japanese website has been taken down, although the company's US website remains working. Company CEO/President Nobuki Wakabayashi, JA1DJW, founded Tokyo Hy-Power Labs in 1975. He blamed "the recent depression in the industrial RF power products area

[which] has led to the very difficult financial position."

Tokyo Hy-Power's early products were HF antenna couplers, although within a couple of years it began manufacturing amplifiers for the Amateur Radio market, including solid-state mobile amplifiers. Among its early products was the HL-4000 linear amplifier, which the company claimed was "the first real HF band high-power linear of its kind in Japan." It has been manufacturing RF products for the

industrial market since 1984.

The company also once marketed the HT-750, a portable, low-power SSB/CW transceiver for 40, 15, and 6 meters in a hand-held transceiver form factor. At Dayton Hamvention® 2013, the company displayed a prototype of the XT-751, an advanced model it hoped to develop, covering 40 through 6 meters and with an internal antenna tuner. Among its latest products were solid-state HF amplifiers, as well as amplifiers for 6 and 2 meters.

FWDXA

Fort Wayne DX Association

CHASING WAZ – A CONTINUING STORY

Carl Luetzelschwab K9LA

One of my neglected long-term goals is to achieve 5BWAZ (work all forty CQ zones on 10m, 15m, 20m, 40m and 80m) and 160m WAZ. For the past several years I've said I was going to continue this chase, but it just hasn't happened. I have lots of excuses, but the real excuse is simply 'it wasn't important enough'.



But that changed when I retired in early October. A lot of it has to do being able to catch sunrise on the low bands as opposed to running off to work before sunrise. I have already worked all zones on 10m, 15m and 20m. A quick status on the other bands showed that I needed three zones on 40m, seven zones on 80m and eight zones on 160m.

Recently I added a low-noise receive antenna to my antenna farm to help with receiving on the low bands. It is a Shared Apex Loop™ Array (see the accompanying photo for a sketch of this antenna). My Product Review of it will appear in an early 2014 issue of QST. The Shared Apex Loop™ Array fits in a small footprint (40-foot diameter), has eight directions and a decent improvement in SNR (signal-to-noise ratio). It certainly won't beat a long Beverage in SNR improvement, but putting out multiple long Beverages in different directions is a problem at my QTH.

In early November last year, with the CQ World Wide CW contest approaching at the end of the month, I decided to hunt for those needed zones on 160m, 80m and 40m. But a couple days before the contest I remembered something – the record for 40m Assisted Low Power was unclaimed in the Ninth call area (in other words, no one in Indiana, Illinois or Wisconsin has

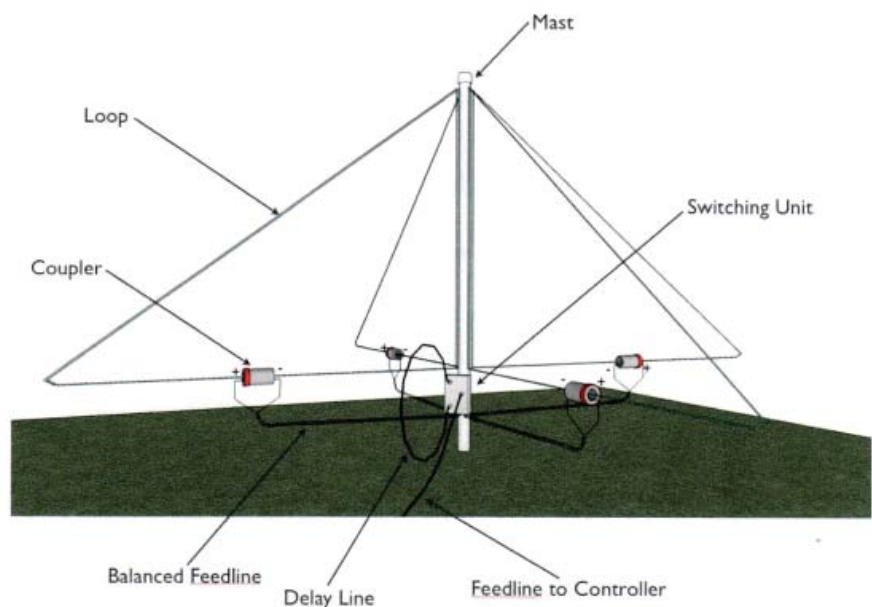
ever submitted a log for this category). So I changed my plans – I would mainly do a 40m Assisted Low Power effort while keeping an eye on 80m and 160m for new zones.

Although my transmit antenna on 40m is just an inverted-vee at 45 feet, I had fun. My mighty 100 Watts to the inverted-vee resulted in 222 QSOs, 26 zones and 72 countries on 40m. Among those QSOs were two of the three zones I needed on 40m – JT5DX in zone 23 and a couple Russians in zone 17. Thus all I needed for WAZ on 40m was the QSLs for these two new zones and a QSO in zone 26. Well, I'm happy to report that Lady Luck was with me on the last 40m zone – I worked HS0ZCW in zone 26 around sunrise about a week after the contest (being retired has its advantages!).

On 80m during the contest I didn't hear any of the zones I needed. On 160m,

I worked one new zone. I had also hoped to work VC2R in zone 2 on 160m (he announced his intention of an all band effort), but I never heard him – nor did I ever see him spotted.

In summary, it was a productive contest (as was one week after the contest, of course, thanks to HS0ZCW). I will now concentrate on the missing zones on 80m and 160m. Some antenna work will likely be needed. I really need a better transmit antenna on 80m, as I know I can do better than my 75m/80m inverted-vee with its apex at about 40 feet (see the November 2013 FWDXA column for details on this antenna). I'll also have to think about improvements for 160m. One of the first things I'll do with my 160m inverted-L is add a couple more elevated radials – there are only three at the moment.



The New Low Noise Receive Antenna

SKYWARN *continued from Page 1*

J-pole was affixed to a 20 ft telescoping mast on a tripod to access the 443.050 MHz KA9HOV IRLP/Echolink repeater in Warsaw. Pat Stevens, KA9HOV, the owner and trustee graciously permitted use of his repeater during the event.

Antenna setup began at 3 PM on Friday afternoon with Sarah Wood KC9AYT, Bill Darr K9JOD, Lyle Long N1LL, and Michael Lewis KG4KJQ all pitching in to help Joseph install the antennas.

The NWS office has a 4-inch capped pipe for external feeds directly into the conference room that served as the station operating room. Antenna ropes were hoisted over the light poles using a telescoping painters pole borrowed from Jim Boyer, KB9IH. This avoided multiple failed attempts to launch a projectile over the light fixtures carrying a lead line and minimized the time spent in the mid-20° F weather. The setup crew had all 4 antennas installed with coax attached and through the wall before 4:30 PM. Organization and planning beat just winging it any day.

All stations were operational by 7 PM local time to start making contacts. Dan Ward N9WLW and Robert Dean KC9UHU operated 40 and 20m. Some of the early



contacts included 2m QSO's through the 146.88 repeater following the IMO Net. K9RFZ used the opportunity to give some non-HF FWRC members a chance to contact WX9IWX. Other regional SKYWARN® repeaters were polled throughout the event. Late evening volunteers included Roger Mertz KC9CDS, and Kurt Eberhardt KC9TRE. Volunteer operators Jim Moehring KB9WWM, Lyle Long and Joseph Lawrence staffed the radios overnight with 40m catching some contacts and a few Echolink QSO's. Although the NWS requested all visitors to their government facility to pre-register, several local hams arrived anyway to watch and offer support.

Sunrise on Saturday morning was a crisp 14° F with 20, 40, and 80m all opening just in time for relief operators Joe Novosel WB9EAO and Steve Nardin W9SAN. Contacts were made at a steady pace all

day with notable runs by Charles Ward KC9MUT on 40m and the husband and wife team of Bernie and Sue Holm, K9JDF and KA9FFZ, racking up contacts on 20m. One of the highlights occurred late on Saturday afternoon when the multi-band end-fed was used to make a 10m contact with Japan!

Operations ceased at 7PM Saturday evening and tear down in the dark went even smoother than the setup. KC9MUT tallied all the logs and reported 149 total contacts with 26 of those to other NWS offices. That amounted to a 3x improvement over the previous year's totals. Michael Lewis extended the NWS's appreciation to all operators who participated and complimented us on the professional commitment and dedication we showed in making the 2013 SKYWARN® Recognition Day event successful.





TRAINED WEATHER SPOTTERS REMAIN IMPORTANT DURING WINTER WEATHER

By Jay Farlow, W9LW
IMO SKYWARN Quadrant Director

We often focus on thunderstorms and related weather when we consider the role of SKYWARN spotters. But reports of winter weather from trained spotters are also important to the National Weather Service. For that reason, NWS has made available via the Web a 23-minute instructional video, "Measuring Snow." It turns out that making accurate reports of winter precipitation is more involved than you might think.

Not every part of your back yard is appropriate for snow measurements, so the video begins with a discussion of how to decide where to place equipment, including a snow board. For example, the video explains why your deck or patio is not the best place to measure snow.

The video explains how to capture snow in a rain gauge and a good way to melt the captured snow so you can report a water equivalent (the NWS considers this to be among the most important information you can report).

The video also discusses the measurement of new snowfall and total depth and explains why measurements taken on grassy surfaces are usually inaccurate.

The largest enemy of accurate snow measurements is wind. In high-wind conditions, gauges often catch less than the total amount of snow that fell. For such cases, the video explains how to take a core sample to get a more accurate reading of precipitation.

These are just a few of the issues the video covers. If you'd like to help the National Weather Service this winter by providing accurate winter precipitation measurements, I strongly encourage you to view the video before you make a report. You can find it at <http://tinyurl.com/md3yd9n>.

By the way, have you ever wondered how NWS decides whether to issue a Winter Storm Warning? The official criteria is, "Combination of any winter warning hazards, including significant blowing and drifting snow below blizzard conditions (lesser amounts may be warranted especially if significant mixed precipitation in an early or late season event)." You can read the criteria for all winter weather products (including advisories, watches and warnings) here: <http://tinyurl.com/n3dcox2j>.

Do NOAA Weather Radios (NWR) sound off when NWS issues a Winter Storm Warning? It depends. The official list of products that warrant NWR alerts is available online here: <http://tinyurl.com/kffp9bl>. You'll note that many products, including Winter Storm Warnings, prompt NWR alerts "at forecaster discretion or in response to customer demand" (including the requirements of emergency managers and broadcasters as outlined in local and state Emergency Alert System plans).

Finally, by the time you read this, annual SKYWARN spotter training sessions will be less than two months away. This is therefore a great time to complete the free online spotter training course provided by The COMET Program. Or, if you've already completed the online training, it's a good time to review the modules. That way, you'll have all the background you need for the upcoming group training sessions. You can find the modules here: <http://tinyurl.com/3z514lb>.

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



Big thanks to
Tom - KU8T and Al - WB9SSE
for the photographs of the Christmas
parties in this issue. Check the FWRC
web page for more photos.



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 contest include:

ARRL Contest Corral Web page: <http://www.arrl.org/contests>

WA7BNM Contest Calendar: <http://www.hornucopia.com/contestcal/>

ARRL's National Contest Journal calendar: <http://www.ncjweb.com/contestcal.php>

Contesting On-Line: <http://www.contesting.com/>

HF	Contest Title	Ph	CW	Dig	Exchange & Frequencies (MHz)	Logs Due
VHF+	Dates / Times				Sponsor's Web Site	
1.8-21	NCCC Sprint Ladder		X		Serial, name, QTH	
-	Jan 3, 0230Z - Jan 5, 0300Z				www.ncccsprint.com/rules.htmls	
3.5-28	PODXS 070 Club PSKFest			X	Call, RST, S/P/C	
-	Jan 4, 0000Z - Jan 4, 2400Z				www.podxs070.com/	
3.5-28	ARRL RTTY Roundup			X	RST and S/P/C	Feb 6
-	Jan 4, 0000Z - Jan 4, 2400Z				www.arrl.org/rtty-roundup	
3.5-28	Kid's Day Contest	X			name, age, QTH, favorite color	Feb 4
50	Jan 5, 0000Z - Jan 5, 2400Z				www.arrl.org/kids-day	
1.8-28	North American QSO Party, SSB	X			Name, S/P/C	Jan 26
-	Jan 18, 1800Z - Jan 19, 0559Z				www.ncjweb.com/naqprules.php	
1.8-28	ARRL November Sweepstakes	X	X	X	4-character grid square	Feb 19
-	Jan 18, 1900Z - Jan 20, 0359Z				www.arrl.org/january-vhf	
1.8	CQ 160-Meter Contest, CW		X		RST and S/P/C	
-	Jan 25, 2200Z - Jan 27, 2159Z				www.cq160.com/rules.htm	
1.8-28	Vermont QSO Party	X	X	X	RST, S/P/C	
50+	Feb 2, 0000Z - Feb 3, 2400ZZ				www.ranv.org/vtqso.html	

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.

AMATEUR RADIO LICENSE TRAINING CLASS OFFERED

The Northeastern Indiana Amateur Radio Club will be conducting a training course for anyone interested in acquiring a "Ham" Radio License, issued by the Federal Communications Commission. Amateur Radio license holders, sometimes referred to as "Hams" number more than 700,000 in the USA and they use their radio equipment to communicate with other Amateurs all over the world.

The training will prepare students for the Technician Class of license, which is the entry-level for Amateurs. There is no longer a Morse code requirement for Amateur licensing and there is no minimum age restriction. Students and adults of all ages are welcome.

The classes will be held each Monday and Thursday evening through the month of January and will run from 6:00 pm to 8:30 pm in the Red Room of the DeKalb County Courthouse Annex Building, 215 E. Ninth Street in Auburn.

There is no charge for the classes and successful completion will qualify students to take the FCC license exam. There is a \$14.00 exam fee and successful applicants are issued a renewable license good for a period of 10 years. To arrange registration for classes, please contact Dave Southern, KC9YY at 260.925.1673 or Cell 260.416.2507. Pre-registration is required so that adequate materials can be made available.

Membership Application for ACARTS - and/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 \$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 \$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 Fort Wayne, IN 46885

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

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority

147.255 (+) General use

443.800 (+) General use

(For autopatch 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide

145.530 (s) W9INX-1 Digipeater and Node

Fort Wayne Radio Club Repeaters

Voice:

146.76 (-) General use

146.94 (-) General use with autopatch

146.91 (-) EchoLink connection repeater

Node number 519521

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

D-STAR

442.99375, Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G

Indiana D-STAR net, 1st and 3rd Thursday, 7:30 - 8:30,

Reflector REF024B

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. on 146.88-

Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+

21 Repeater Group: Wed. at 7:30 p.m. on 147.150

Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 3.940 @ 6:00 p.m. local times.

Daily (QIN) Indiana Section CW net: 3.535 @ 8:00 a.m. & 8:00 p.m. local times.

Miscellaneous Nets

Allen Co. ARES Training Net: Tue. at 9:00 p.m. on 146.94-

Huntington ARES: Sat. at 8:00 p.m. on 146.685-

Whitley Co. ARES: Wed. at 8:00 p.m. on 145.270

(Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sun. at 8:00 p.m. on 444.550+, 131.8 PL

"No-Name" Net: 8:30 pm Sunday and Wednesday nights. 1.965 MHz or cross band on the 146.91 repeater.

Little Red Barn Net: Weekdays @ 8:30 a.m. on 3820 kHz.

Northeast Indiana Packet Net: Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We 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.

FWRC YL Net: Wed. 7:00 p.m. on 146.76-

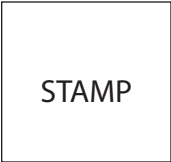
FWRC 6 Meter Net: Tue. 8:00 p.m. on 50.580 USB

6 Meter AM Net: Thurs. 8:00 p.m. on 50.580 AM

FW Area Student Net: Wed. 9:00 p.m. on 146.91-

Indiana HF Traffic Nets Web Site:

<http://www.inarrl.org/inhfnet.html>



To:

Activities Calendar



Date	Time	Event	Place
01/07/2014	7:00 PM	FWRC BOD Meeting	GSUMC
01/14/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
01/17/2014	7:00 PM	FWRC General Meeting	GSUMC
01/21/2014	7:00 PM	ACARTS General Meeting	Salvation Army Facility
02/02/2014	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
02/11/2014	7:00 PM	FWRC Board Meeting	GSUMC
02/11/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
02/18/2014	7:00 PM	Skywarn Training	Columbia City HS
02/21/2014	7:00 PM	FWRC General Meeting	GSUMC
11/15/2014	9 AM - 4 PM	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/16/2014	9 AM - Noon	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum