



New Repeaters and Getting Ready for the Indiana QSO Party Next Month

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Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

April 2015
Volume 16
Issue 3

FWRC GETS NEW 146.76 MHz AND 444.875 MHz REPEATERS



April begins with new 2-meter and 70-cm repeaters thanks to the hard work of Al Burke WB9SSE, Paul Prestia KA3OPZ, Tom Rupp KU8T, Jim Pliett K9OMA, and Bruce Dennis N3QKX. The 146.76 repeater should have greater range because the new receiver has greater sensitivity than the previous radio and the new transmitter feeds a 150-watt power amplifier (provided by Mark Berke, WA7NXI). In addition, the new equipment is powered by an APC UPS that also provides power to the ACARTS 147.255 and 144.390 repeaters.

Check Steve's column for more information.

Photos by Al Burke, WB9SSE plus there are more photos on page 5 and on the FWRC web page.

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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.

Hamspletter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

Welcome to April! OK, maybe we're not in 80 degree T-Shirt Car Show weather, but we are finally on our way, with warmer days, melted snow, and of course, Ham Radio. The Fox Hunt is on the 12th, so as not to interfere with everyone's Easter celebration. The BOD meeting is on the 7th, and the general meeting will be on the 17th, back to the 3rd Friday of the month. I am looking forward to this month's presentation, which will be a discussion and demonstration of the JT65 digital mode, which is used for many weak signal communication techniques. Tom Rupp, KU8T, will be the presenter. This will be a good one, so don't miss it!



We start into spring with some new hardware. The 76 and 875 repeaters are now new, and installed at the repeater shack. Both machines are BridgeCom Systems units, brand new, and mounted in new racks at the site. Also, the new 76 machine is sporting a 150 watt amplifier, thanks to the generosity of Mark, WA7NXI. All of this hardware is powered through an APC UPS uninterruptable power supply with new batteries, that can handle all of the hardware, including the ACARTS 147.255 and 144.390 machines. Wow! Special thanks go out to all that worked on these systems, including WB9SSE, KA-3OPZ, KU8T, K9OMA, and N3QKX. This was a lot of hard work, and I am sure that I speak for the club in saying that it is greatly appreciated! We will announce an open house date in the coming weeks so that any club member can stop by and check out the new system.

Mark your calendar for May 2nd if you are interested in helping out with our club's participation in the Indiana QSO Party! The contest runs from noon to midnight on that Saturday, and is on the

April 17: A discussion and demonstration of the JT65 digital mode that is used for many weak signal communication techniques.

contest bands from 160 to 10 meters. We will need operators, plus set up and take down. We are in the process of landing an operating site so that we can run from noon to at least dusk. Stay tuned to the web site and our Bulletin e-mails for details.

While we are on the subject of the QSO party, a suggestion has been made to combine the QSO party operation with a BBQ style cook out and carry-in, to take the place of the May Banquet. We may not get this done this year, but I would like to hear everyone's opinion on doing this. In 2012, the club took top club in the QSO party, it would be great to do it again!

At the March meeting, we made an announcement for two contests that the club is running over the summer (well, actually starting right now). The first is the Home Brew contest. Between now and the September meeting, if you are building any kind of Ham Gear, make sure to photograph it and if possible bring to the meeting. We want to see what our members can build with their own hands, be it rigs, tuners, power supplies, meters, or even antennas. Let's see what we can do!

Also starting immediately, is our "Best Shack" contest. I suspect a lot of you are in the same boat as me: getting on the air is chore because the shack is in need of a major clean up! So get to work on the shack and the antenna system, snap some pictures and e-mail them to me, and come



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Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

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

the October meeting, we'll have a vote on the best and most impressive.

Best regards, Steve Nardin, W9SAN

FWRC MEETING MINUTES

The March meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 27 March, 2015, and was hosted by club president Steve Nardin, W9SAN. There were about 40 people in attendance for this meeting, and, after reciting the Pledge of Allegiance, everyone present introduced themselves via their call-sign.

There was no Treasurer's report. [See page 10].

Dan Ward, N9WLW announced that he was looking to recruit (amateur radio) volunteers to provide support functions for the upcoming Indiana Trail 100 foot race event that will occur at Chain-O-Lakes State Park the weekend of 25-26 April. The event features 50 and 100 miles foot races through the park involving 360 runners, and serves as a charity fund raising activity, with the proceeds raised plowed back into the park system. Dan has already recruited 25 of the 65 positions he needs to fill. Anyone desiring to help out is asked to please get in contact with Dan.

Steve Nardin reported that Tom Rupp, KU8T will provide the April meeting pro-

gram, and it will be a discussion and demonstration of JT-65 digital mode.

Al Burke, WB9SSE gave a brief status update presentation on the upgraded 146.76 and 444.875 repeater systems being installed at Robison Park. Plans are to remove the existing Master II based systems from service Monday evening, 30 March, and install the new equipment Tuesday morning, 31 March.

Following the business meeting, Steve led a program on Hombrewing which included a description on how it was done in the old days, and how it can still be accomplished today despite the demise of firms like Heathkit and Radio Shack. Show-N-Tell discussions regarding five homebrewed items brought to the meeting were then presented by their proud owners. Pictures from this presentation can be found in the file "FWRC March 2015 Meeting" that likewise can be found in the "Photos" tab on the FWRC.info web page.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

Meeting 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

It is time to get your reservations in for the ACARTS Spring Banquet, which will be at 7:00 p.m. on Tuesday, April 21st, at Hall's Guesthouse. We have to let them know what our four choices of entrees will be a week before the banquet, so let me know the favorite



This link works. I apologize for the typo that rendered the link inoperable in last month's message and e-mail. As usual, the club will pay for a portion of the members' dinners and guests will have to pay for their own dinner. The final day to make reservations is Sunday, April 19th,

but if you would like your choices for entrees considered, I need to know by Monday, April 13th. I can be reached at w9lkh(at)comcast.net or 260-485-6135. Many thanks to Jim, KB9IH, for his presentations on antennas. It certainly demonstrated that there are many factors to consider when choosing and installing an antenna.

73,
Dave Lindquist, W9LKH

73,
Dave Lindquist, W9LKH

ACARTS MARCH GENERAL MEETING MINUTES

The meeting was called to order at 7:08 pm local time 3/10/15. The April meeting will be the spring banquet at the Guest House rather than a general meeting.

We discussed the idea presented earlier this year of buying entire ham radio estates, fixing up and reselling. There is not enough interest within the club to do this kind of work at this time. There could be specific case by case reasons to do this, but this is not something we have the resources to do as a general rule.

There have been reports of some APRS

packets getting into the .76 repeater, but we are in agreement at this time that this isn't an issue. Until further evidence can be provided, we believe it is someone accidentally keying the repeater.

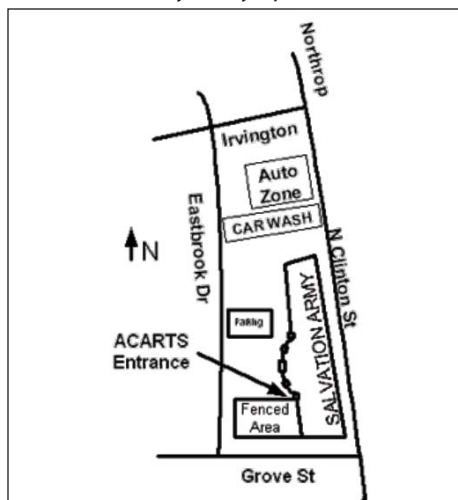
There are currently 57 paid members.

General meeting was a presentation on antenna basics.

Submitted by Andy Sprow, KB9YJH

April 21: The ACARTS Spring Banquet will be at 7:00 p.m. on Tuesday, April 21st, at Hall's Guesthouse.

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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More photos of the new FWRC repeaters



Tenth Annual North Central Indiana Hamfest



Sponsored by:



Okomo Amateur Radio Club

Saturday, April 18, 2015

7:00 AM to 1:00 PM ET

At The

Miami County 4H Fairgrounds

1029W 200N

Approximately 2 Miles North of Peru, Indiana on Mexico Road

TALK IN ON 147.345+ K9ZEV Miami County Amateur Radio Club Repeater

HAM RADIO VOLUNTEERS NEEDED IN INDIANAPOLIS

Marion County IN Events Coordinator for Ham Radio, Mike Palmer, N9FEB, is looking for volunteers to assist with the following events:

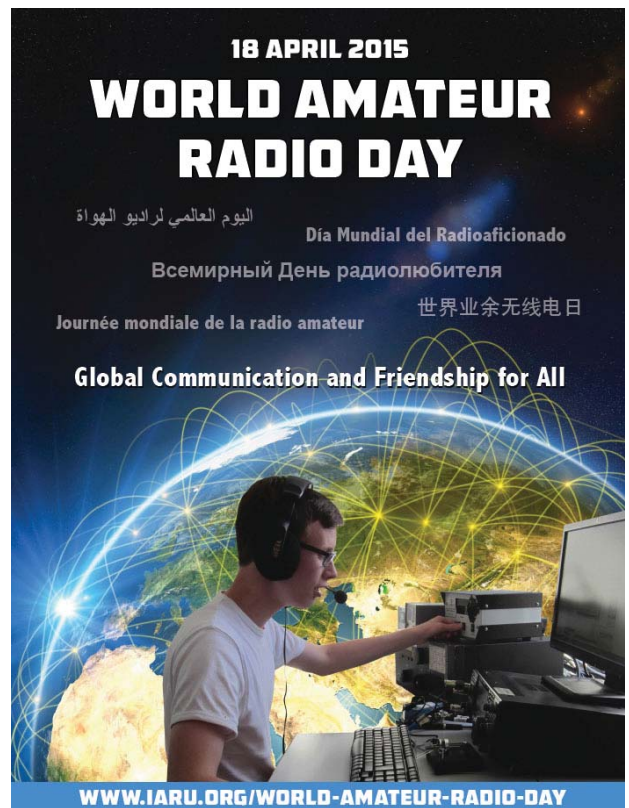
- May 2 - Mini Marathon [largest mini marathon in the nation]
*Mini uses 80+ hams
- May 23 - 500 Festival Parade
*Parade uses 30 hams
- June 20 - American Diabetes Tour-de-Cure Bike Ride
*TdC uses 50 hams
- Sep 12 & 13 - Multiple Sclerosis Bike Ride
*2 day event uses 20 hams each day
- Oct 17 - Indianapolis Marathon in Lawrence
*Marathon uses 25 hams
- Nov 7 - Monumental Marathon
*Marathon uses 35 hams

You can read more about these events on www.indyhams.org and click on the FAQ's listed on the Events menu. Or you can contact Mike directly by email at N9FEB (at) comcast.net

Thank you for assisting with these events.

Michael R. Palmer, N9FEB

Marion County IN Events Coordinator for Ham Radio



ITU & IARU: Celebrating 150 Years of Advancing the Telecommunication Art



FWDXA

Fort Wayne DX Association

NOVICE RIG ROUNDUP

Carl Luetzelschwab K9LA

Right after Christmas I received an e-mail from Ed WB9RMA (we worked in the same department at Raytheon and he retired about a month before I did). He passed along the announcement of an upcoming operating event that he thought I would be interested in due to my interest in vintage equipment. The event was called the Novice Rig Roundup.

Now if you're an old-timer in Amateur Radio, you probably remember the ARRL Novice Roundup many years ago. That was a two-week-long event in February that targeted Novices to increase their interest in contesting. I participated in the 1962 event when I was still a Novice. My goal was to increase my WAS totals (I've said it before and will say it again –



contests are a great way to increase your award totals).

This new event was patterned after the old Novice Roundup, but its purpose was to get people on the air with vintage gear of the Novice License era. The event period was only one week, from 0000 UTC February 7 to 0000 UTC on February 14. Suggested frequencies were given for 80-Meters, 40-Meters, 15-Meters, 10-Meters and 2-Meters. The HF bands were CW only, while 2-Meters was both CW and AM.

The exchange required RST, name, QTH, rig, crystal or VFO control, and transmit power. Your receiver was optional, although everyone I worked included their receiver. You could enter this event in one of three categories depending on output power: QRP Level (5 Watts maximum),

Novice Level (60 Watts maximum) and General Level (above 60 Watts). I entered in the Novice Level category.

The points you earned for each QSO depended on the rig the other station was running. If he/she was running a Novice era transmitter with crystal control, you earned 3 points. If he/she was running a Novice era transmitter with VFO control, you earned 2 points. If he/she was running a non-Novice era transmitter, you earned 1 point.

I used my Johnson Viking Ranger II transmitter with VFO control (I didn't have any crystals for the suggested frequencies) at 40 Watts output. My receiver was my Hammarlund HQ-170. I ended up working 20 stations during the week-long event – all on 40-Meters. See the accompanying list of the transmitters used by those I contacted.

I really enjoyed this event. My goal next year is to participate with my Heath DX-35, Heath VF-1 VFO and National NC-60. Two observations stand out from the event. First, everyone used a straight key – that seems fitting. Second, there was lots of CW activity from 7100 to 7125 KHz (where most of the suggested frequencies were for 40-Meters). What I had forgotten was Technicians have CW privileges in that segment (in fact, they have CW privileges down to 7025 KHz).

NOVICE RIG ROUNDUP 2015



Join us for the first annual NOVICE RIG ROUNDUP.

Heath HW-16
WRL Globe Chief
SCR-183 (Military)
Knight T-60
Drake 2NT
Viking Adventurer
Gonset GSB-100
Yaesu FT=101
Heath DX=35
Ten-Tec Century 21
Heath DX-40
Viking II
Heath HW-8
Homebrew 6AG7-807
Homebrew 6AG7-6146

THE FOXHUNT CHRONICLES

The weather for the (as originally planned) March foxhunt date (March 1) repeated what the weather did to us in February, i.e., it sucked. So the March foxhunt was delayed until the 8th whereupon three foxhunt teams gathered at our new foxhunt starting point of Cobin Memorial Park near Lakeside Golf course. The anxious hunters consisted of the team of Jim & Annie Pliett, K9OMA & KA9YYI plus AL & Carole Burke, WB9's SSE & RUS, a second team consisting of Jim & Kim Machamer, KB9's DOS & DOT, and a third team consisting of Steve & Linda Nardin, W9's SAN & LAN plus their grandson Alex.

The fox crew consisted of Charles Ward, KC9MUT and Bob Dean, KC9UHU, and included a couple of IPFW student "Observers" from Bangladesh invited along for the day's events by Bob. (Undoubtedly, their tagging along on the hunt almost for sure verified their belief that Americans are nuts).

The fox was situated near Soapbox Derby hill in Franke Park. The high power part of the fox was located in Charles's fancy new (and unrecognizable) pickup truck which drove a yagi stashed back in the woods at the end of a long feedline. The low power part was a microprocessor driven microfox spewing Morse code on 146.430 MHz, hidden under a log, in the brush, in a nearby copse of trees.

At 13:30 hours, the planned starting time, nothing was heard by the hunters. Charles & Bob subsequently diagnosed an equipment problem which they quickly resolved so that the fox started bleating at 13:40 hours. The fox was thereafter heard by all hunters and the race was on.

Jim had added an addition parasitic element to the Pliett/Burke team's roof mounted quad antenna for this hunt which noticeably improved its directivity. The added element plus great care in taking DF readings resulted (in post hunt analysis) in plotted DF bearings that crossed at the Franke Park location. However, our team was the last to localize the fox; the Machamer team and Nardin team having arrived at the Soap Box Derby hill site before us.



Despite our later arrival, our team was first to locate the microfox eighty three minutes into the hunt, with Jim first to find the little bugger. Shortly later (at eighty four minutes) the Nardin team found the fox, followed by the Machamer team (at eighty five minutes). Thus the Pliett/Burke team were the winners and will serve as the fox for the April hunt.

Following the hunt everyone buzzed over to Steak-N-Shake on Coldwater for the post hunt repast.

Given the time-to-find numbers mentioned above, the following points earned for this hunt, and for the year-to-date are:

CALL	MARCH SCORE	YEAR-TO-DATE
K9OMA	4 First to Find	9.33
KA9YYI	3	8.33
WB9RUS	3	8.33
WB9SSE	3	8.33
W9SAN	2	4
W9LAN	2	4
ALEX	2	2
KB9DOS	1	2
KB9DOT	1	2
KC9MUT	7	11
KC9UHU	7	10
KC9EZP	0	3

2015 Foxhunt Schedule

The following is the planned Foxhunt schedule for 2015. All foxhunts start at 1:30 PM on Sunday. The starting location will be the River Greenway Trailhead (Cobin Memorial Park) near the Lakeside Golf Course:

April 12
 May 3
 June 7
 July 12
 August 2
 September 13
 October 4
 November 1

The April foxhunt will use 146.160 MHz and intercom 146.910 MHz.

Respectively submitted,
 Al Burke, WB9SSE

HORSESHOES NOT LUCKY IN SUPERCCELL THUNDERSTORMS

By Jay Farlow, W9LW, IMO SKYWARN quadrant two director

During a severe weather seminar in DuPage County, Ill. March 14, storm chaser and amateur meteorologist Skip Talbot pointed out that a horseshoe shape in a supercell thunderstorm's updraft base is often visible before the storm forms a tornado (see figures one and two). Talbot said that this feature is a more reliable indicator of a potential tornado than is the formation of a wall cloud, which does not always happen before a tornado forms.

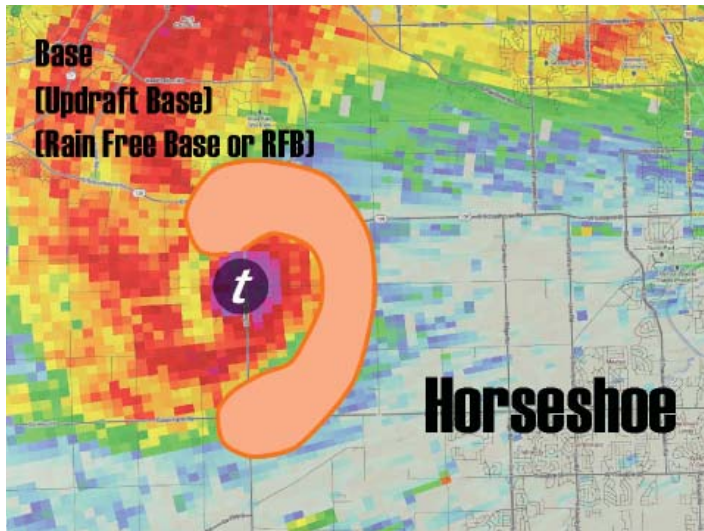


Figure 1. Horseshoe-shaped updraft base drawn on example radar image of a supercell thunderstorm. The "T" in a circle represents the location of a tornado. Image from presentation by Skip Talbot.

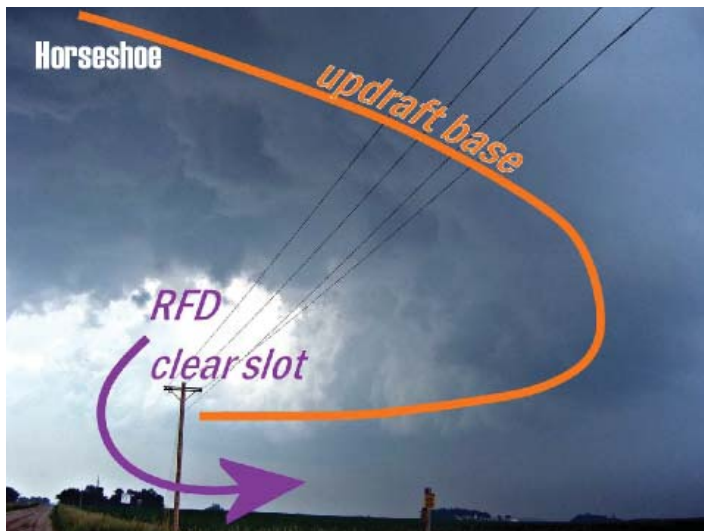


Figure 2. Photo of actual supercell thunderstorm with horseshoe-shaped updraft base indicated by orange line. Image from presentation by Skip Talbot.

Talbot's presentation was one of several during the annual, day-long Severe Weather Seminar hosted in a western suburb of Chicago by the DuPage County Office of Homeland Security and Emergency Management.

Talbot's presentation was titled, "Anticipating Tornadoes in Visual Clues," and focused primarily on tornado-producing supercell thunderstorms. Fortunately, we don't often see supercells in northern Indiana but all spotters need to know what to look for when those huge storms do arrive.

How big is a supercell?

Speaking of huge, Talbot cleverly superimposed a radar base-reflectivity image of a Plains supercell over a map of the Chicago area. This provided a clear idea of the scale of such storms (see Figure 3).

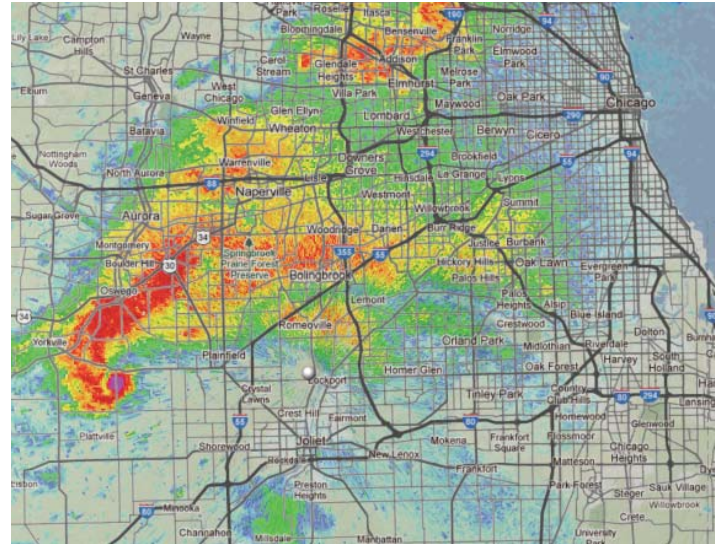


Figure 3. Simulation of a supercell thunderstorm radar image over map of Chicagoland. From presentation by Skip Talbot.

Tornado red flags

Talbot also provided a valuable list of "tornado red flags:"

- Rain moving rapidly from left to right (as viewed from beyond the right side a supercell)
- A sudden surge of wind flowing into the supercell
- A sudden barrage of positive cloud-to-ground lightning.

While none of the above meet the SKYWARN storm spotter reporting criteria, they can help spotters remain alert to the strong possibility that a storm is about to produce something reportable!

Storm spotting squall lines (QLCS')

Meteorologist Ben Deubelbeiss of the Chicago National Weather Service (NWS) office did a presentation that focused on "squall line" thunderstorms, to which meteorologists refer as quasi-linear convective systems (QLCS'). These types of storms are quite common here in northern Indiana, especially during the summer.

A QLCS is a line of thunderstorms that can extend hundreds of miles and persist for hours. It typically produces straight-line wind damage. Shelf clouds form along the leading edges of many QLCS'. Deubelbeiss pointed out that the bottoms of shelf

clouds often contain a great deal of turbulence that results in many false reports of funnel clouds (See Figure 4). As trained storm spotters, we must guard against getting fooled by that turbulence.



Figure 4. No funnel cloud or wall cloud, just turbulence that often forms on the bottom of shelf clouds, resulting in false reports to the NWS. Photo from presentation by Ben Deubelbeiss, NWS Chicago.

Deubelbeiss also offered some important comparisons between QLCS' and supercell thunderstorms. One relates to where the action is. In a supercell, our attention is at the right, rear portion of the storm, where tornado formation is most likely. But with a QLCS, "worst is first" as Deubelbeiss put it. The heaviest wind, occasional weak, short-lived "spin up" tornadoes and damage occur along the *leading edge* of a QLCS, followed by heavy rain.

Deubelbeiss also made an important point about spotter location. We've long been told that the best place to view supercell thunderstorms is where the storm's heavy rain and hail are to our right and updraft is to our left (typically southeast of the storm). But where should we be when a QLCS approaches? Deubelbeiss strongly advises taking shelter in a building before the leading edge arrives, putting as many walls as possible between us and the outdoors. He reminded spotters that QLCS' can have storm mo-

tion of more than 60 mph. He suggested waiting until the wind dies down to look outside for wind damage to report.

Technology for storm spotters

College of DuPage meteorology professor Victor Gensini provided an informative presentation, "Technology and Software for Spotter and Emergency Personnel."

Among his recommendations was the GRLevel3 radar software available for PCs for a one-time fee of \$79.95. The latest version is available for download at www.grlevelx.com/grlevel3_2/. GRLevel3 displays live and archive NEXRAD Level III data. It displays high resolution base products, dual polarization products, and derived products along with local storm reports, severe weather warnings, the positions of spotters who are registered with SpotterNetwork.org and other data.

For mobile devices, such as smartphones and tablets, Gensini recommended Radarscope (for iOS and Android) and PYKL3 (for Android only). You can find information about Radarscope at: <http://radarscope.tv/> and PYKL3 at: www.pykl3radar.com. Like GRLevel3, both products integrate with SpotterNetwork.org.

Another valuable resource for spotters – especially the serious "weather geeks" among us – is a Web page maintained by the College of DuPage meteorology department (weather.cod.edu). The "Weather Analysis Tools" menu of that page offers a wide range of nationwide data, including surface maps, upper air maps, upper air soundings, satellite and radar data, numerical model data, etc.

Late season start

Finally, a note about complacency. The severe weather season nationwide got off to a late start this year, without a tornado reported anywhere in the country until March 25. Meteorologist Greg Carbin of the NWS Storm Prediction Center advised the spotters at the DuPage County seminar that climatologically speaking, severe weather someplace in the continental United States is likely to increase through the month of April. Remember also that in the 37-county area served by the northern Indiana NWS office, tornadoes are nearly twice as likely in April as in March,

1.8 times as likely in May as in April, and 1.7 times as likely in June (our peak tornado month) as in May.

Similarly, in the northern Indiana NWS area, severe thunderstorm winds (58 mph or stronger) are nearly 2.5 times as likely in April as in March, three times as likely in May as in April and nearly twice as likely in June (also our peak severe thunderstorm month) as in May.

So, don't let the late start to the severe weather season fool you. As we get closer June, it becomes much more likely that our area will see severe weather and SKY-WARN spotter activation. Be ready!

FWRC TREASURER'S REPORT AS OF 28 FEBRUARY 2015

The total income for the year-to-date is \$2,190.59

The total expense for the year-to-date is \$89.75

The club currently has an operating margin of + \$2,100.84

The club liquid assets were:

Cash on hand of \$134.20

Checking account balance of \$2,666.39

Savings account balance of \$8,050.58

The club physical assets are currently valued at \$17,854.00

The two new repeaters and any accessories need to be added to this account.

The total assets of the club are now at \$28,785.17

This places the club capital balance at \$13,480.00 and the club retained equity at \$15,225.17

Respectfully submitted,

Bob Streeter W8ST Treasurer

LOCAL HAM LICENSE EXAM SESSIONS

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

Whitley County ARC, Inc.

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	http://wiki.contesting.com
DX Zone Contesting	www.dxzone.com/catalog/Contesting/	Radio-Sport.Net	www.radio-sport.net/

MISSISSIPPI QSO PARTY			MISSOURI QSO PARTY			MONTANA QSO PARTY		
APR 4, 1400Z		APR 5, 0200Z	APR 4, 1400Z		SEE WEBSITE	APR 4, 1800Z		APR 5, 1800Z
3.5-28	50-432	PHONE, CW, DIGITAL	1.8-28	50-432	PHONE, CW, DIGITAL	1.8-28	50-432	PHONE, CW, DIGITAL
RS(T) AND MS COUNTY OR S/P/C			RS(T), MO COUNTY OR S/P/C			RS(T) AND MT COUNTY OR S/P/C		
www.arlmiss.org			www.w0ma.org			www.fvarc.org		
NEW MEXICO QSO PARTY			GEORGIA QSO PARTY			NEBRASKA QSO PARTY		
APR 11, 1400Z		APR 12, 0200Z	APR 11, 1800Z		SEE WEBSITE	APR 18, 1200Z		APR 19, 2300Z
1.8-28	50	PHONE, CW, DIGITAL	1.8-28	50	PHONE, CW, DIGITAL	1.8-28	50+	PHONE, CW, DIGITAL
CALL SIGN, NAME, AND NM COUNTY OR S/P/C			RS(T), S/P/C OR GA COUNTY			RS(T), NE COUNTY OR S/P/C		
www.newmexicoqsoparty.org			www.georgiaqsoparty.org			www.qcwa.org/chapter025.htm		
MICHIGAN QSO PARTY			NORTH DAKOTA QSO PARTY			FLORIDA QSO PARTY		
APR 18, 1600Z		APR 19, 0400Z	APR 18, 1800Z		APR 19, 1800Z	APR 25, 1600Z		SEE WEBSITE
3.5-28	-	PHONE, CW	1.8-28	50,144	PHONE, CW, DIGITAL	7-28	-	PHONE, CW
SERIAL AND MI COUNTY OR S/P/C			RST AND ND COUNTY OR S/P/C			RS(T), FL COUNTY OR S/P/C		
www.miqp.org			www.w0nd.com			www.floridaqsoparty.org		

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.

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.

ARRL ROOKIE ROUNDUP

APR 19, 1800Z		APR 19, 2359Z
3.5-28	-	PHONE
BOTH CALLS, NAME, CHECK, S/P XE# OR "DX"		
www.arrl.org/contests		

Say Again?

"Before marriage, a man will lie awake all night thinking about something you said; after marriage, he'll fall asleep before you finish saying it."

Helen Roland

American journalist and humorist. Author of "A Guide to Men: Reflections of a Bachelor Girl" © 1909

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

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

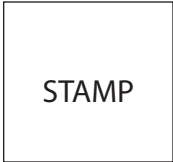
Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

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 (-)	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
Notes:		
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
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/inhfnets.html					



To:

Activities Calendar



Date	Time	Event	Place
04/07/2015	7:00 PM	FWRC Board Meeting	GSUMC
04/12/2015	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	Memorial Park near Lakeside Golf Course
04/14/2015	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
04/17/2015	7:00 PM	FWRC General Meeting	GSUMC
04/21/2015	7:00 PM	ACARTS Spring Banquet	The Guesthouse
04/28/2015	7:00 PM	FWRC Board Meeting	GSUMC
05/03/2015	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	Memorial Park near Lakeside Golf Course
05/08/2015	6:30 PM	FWRC Spring Banquet	GSUMC
05/12/2015	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
05/19/2015	7:00 PM	ACARTS General Meeting	Salvation Army Facility
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