



Antennas and Help
Is Needed for Several
Public Service Events

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ACARTS Spring Banquet
Will Be Held on Tuesday,
April 16th

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What Was Happening
The Year YOU Were First
Licensed?

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Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

April 2013
Volume 14
Issue 4

THE FOXHUNT CHRONICLES

The second foxhunt of the 2013 FWRC's foxhunt season occurred on Sunday, the 3rd of March on a sunny but cold March afternoon. In general good fox-hunting weather albeit a little nippy.

The March hunters included the team of Jim & Annie Pliett, K9OMA & KA9YYI plus Carole & Al Burke, WB9's RUS & SSE, the team of Charles Ward & Fred Gengnagle, KC9MUT & KC9EZP, the team of Linda & Steve Nardin, W9's LAN & SAN plus their grandson Alex, and the team of Kim & Jim Machamer, KB9's DOS & DOT,.... In all a total of eleven rabid hunters just chomping at the bit to find their elusive prey.

And serving as the prey for this contest were Bob Dean, KC9UHU & Dave Spence, KB9VTK who were holed-up at a baseball diamond at Harlan Community Park. They had erected a yagi driven by about 50 watts of rf for the high power fox signal, and hid a microcontroller controlled "microfox" within a brass bell located on the baseball diamond property as the actual fox. The microfox was programmed to automatically produce about 50 milliwatts of cw on the fox output frequency for one minute every five minutes. For this hunt the fox frequency was set to 146.31 MHz which is the input frequency



for the FWRC's 146.91/31 repeater, and thus allowed area hams to listen in on the progress of the hunt via the 146.91/31 machine.

The (high power) fox began transmitting promptly at 13:30 hours and all of the fox hunters, located in the Off-Track Betting Parlor parking lot at Washington Center and Lima Rd heard it from the get-go. As usual, the initial beam heading indicated "east" (curiously it's almost never west or north or south....always east with the dreaded possibility that the fox is hiding out in New Haven). However, our team could tell from the signal strength readings on Jim's sophisticated DF receiver (he worked in Electronic Warfare at Mag-

navox, so he knows about that stuff) that the fox was quite a distance away...."way far out there" as Jim explained it in technical terms. "Whew" we said, "maybe not New Haven after all".

So everyone headed east on Washington Center Rd. somewhat in single file order. Evidently this created quite an image for folks driving along with us as we noticed quite a few people hanging out their car windows taking pictures with their cell phone cameras, and we understand that a few of the observers were asking if we were controlling RPV-drones. Oh, to have had a Nixon mask handy in this instance.

As it turned out, Kim & Jim Machamer were the first to arrive in Harlan and localize the fox. They were followed by Linda & Steve Nardin and Alex, then Charles and Fred, and finally Annie, Jim, Carole & Al in that order. Charles & Fred were first to physically locate the microfox 45 minutes after the start of the hunt followed by the Pliett/Burke team, the Nardin team and the Machamer team all within 47 minutes after the foxhunt start. Likewise the miles travelled by the hunters varied from 15.8 miles to 18.6 miles. So the time-to-find

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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 first day of the month.

Hamspatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

Now that it is finally Spring (?) we can get down to serious Ham Radio fun in several different forms: It is Antenna time; It is Hamfest time; It is Fox Hunting season; and of course, we have Field Day coming up too! For the club, we have a lot of irons in the fire, and we will be looking for members to help out.

Our meeting for April is on the 19th. I have been proposing that we do the April meeting on things relative to antennas, since this is the time of the year we all should be working on or improving our skyhooks to provide radio fun and communications for the rest of the year. If you have a topic about antennas that you would like to have presented at the meeting, please let me know ASAP. Right now, I am going to put together a mixture of subjects. I have been asked about so-called "Magnetic Loop" antennas, and since I have been working on one, I will talk about that effort. Also, I have a six meter "Big Wheel" omni-directional antenna project too, so I'll throw that into the mix. If no one comes up with other ideas, I was thinking about a chapter in an engineering book that I have called "Dipoles For Dummies", which discusses how dipoles and monopoles actually work. It is a great refresher for all of us.

Spring is also time for Public Service events, and the first one is on April 13th, a Saturday, at the Fort Wayne International Airport, more specifically Fort Wayne Metals, for the Flight to Fight Blood Cancers run and walk. I am still in need of people to sign up for this event. We will gather at the site at 8:00 am and should be done by 12:00. The following weekend will be the 100 mile race at Chain O'Lakes State Park. Contact the ARES folks about taking a shift for this 30 hour race!

April 19: Steve is putting together a presentation on antennas.



Be aware that a ham radio class will be held starting April 2nd, Tuesday mornings, at 9:00 am to no later than noon. Classes will be at the Allen County Public Library, room "B" (others may be used later). The Classes will run up until Field Day, when a test session may be held. Plenty of chances for participants to get on the air and use real equipment. There is no charge for the classes, but you may want to purchase your own study guides. Contacts for this are Brian, W9BGJ, Chad, W9GGA, Clint, KB9LOF, and Kristy, AB9PC. If you or someone you know are interested, contact any of these guys!

With May coming up, our Banquet is May 10th, a week early due to the Dayton Hamvention. Also, be checking your e-mails for upcoming On-The-Air planning meetings for the Indiana QSO Party, the ARRL VHF QSO Party, and of course the big one, Field Day.

Best Regards, Steve Nardin, W9SAN



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

FWRC MEETING MINUTES

The March meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church on 15 March 2013 with club president Steve Nardin, W9SAN, serving as host. There were about 35 guests present.

The assembled group addressed the flag with the Pledge of Allegiance, and then everyone identified themselves and their calls.

Treasurer Bob Streeter, W8ST provided the following report regarding club finances as of 15 March, 2013:

Income \$2,8872.73,
Expenses \$109.64,
Cash on hand \$94.49,
Checking balance \$1,841.05,
Savings balance \$8042.50.

Steve Nardin noted that all of the FWRC's repeaters, including the ATV repeater are working normally.

Steve also noted that a slew of Walk-a-Thons/Events needing communications support from the local Ham community will be occurring starting in April. These include:

The Flight to Fight Blood Cancers 5K/10K race, Saturday, 13 April at Baer Field.

The Indiana Trail 100 mile footrace at Chain-O-Lakes State Park will occur beginning 20 April and is a two day (Saturday-Sunday) event. Fred Gengnagle, KC9EZP announced that about 38 hams are needed to support this activity. Contact Fred (260) 637-6046 for details.

The March of Dimes Walk for Babies, 27 April, Headwaters Park

The Juvenile Diabetes Walk, 4 May, Franke Park

Steve commented that the FWRC plans to participate in a number of contests again this year including Field Day, the Indiana QSO Party and the VHF QSO Party. Steve suggests we consider a change of venue to the Dolnick Center on IPFW's campus for the VHF QSO Party.

Speaking about parties, Steve said there might be some interest in the FWRC

participating (i.e. walking) in the Three Rivers Festival parade. We could include the club trailer and one or two Foxhunter vehicles sporting their roof mounted DF Yagis. The concept is under investigation.

Steve announced that the April club meeting will focus on antennas given spring is when they typically start sprouting. Steve will discuss details of his Magnetic Loop Antenna and invited others to discuss theirs during the April confab. Contact Steve if interested.

Jim Boyer, KB9IH announced that a presentation and demonstration of a Software Defined Radio implementation described in QST will be the featured attraction at the upcoming ACARTS club meeting on 19 April.

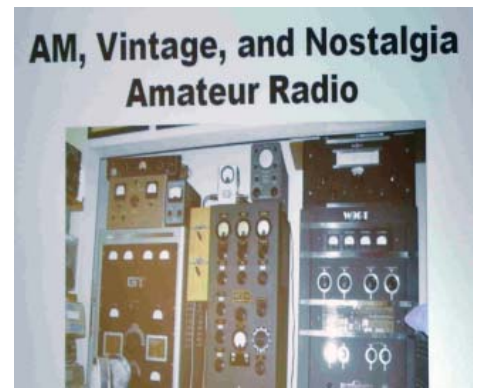
Al Burke, WB9SSE commented on the March Foxhunt. Eleven hunters participated. The winners, based upon mileage and distance traveled turned out to be Kim & Jim Machamer, KB9's DOS and DOT, so they will serve as the quarry for the April hunt. The gory details, in the form of the Foxhunt Chronicles, can be found on the club web page and in the April Ham News.

After the business meeting concluded, Jack Shutt, W9GT and Tom Rupp, KU8T provided a thoroughly enjoyable presentation on vintage radios with both view graphs and a video as well as physical examples of equipment from back in the day. A few photos of the gear can be found on the club web page.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Well, the warmer weather certainly did not arrive in March as it usually does. In fact, we were blessed with a few snow storms, making for more driveway shoveling. The snow melted in a couple of days, and then we were hit with another snowfall. The warmer weather is finally here. I have one daffodil that has survived for 39 years and it is proudly popping up again this year. The others that were planted at the same time have not shown themselves for at least 30 years.

The annual ACARTS Spring Banquet will be held this year at 7:00 p.m. on Tuesday, April 16th, at Teppanyaki Grill and Supreme Buffet. The Board of Directors decided to try a different location this year. The club will pay for members'



dinners while guests will have to purchase their own dinners. Teppanyaki is located at 301 E. Coliseum Blvd., in the old Kmart, Circuit City, building, across from the main entrance to Glenbrook Square. Reservations are required and must be made by Friday, April 12th. Contact Dave, W9LKH, at w9lkh(at)comcast.net or 260-485-6135 to make your reservation for yourself and guests.

Contest season is approaching. Although ACARTS has not participated in any contests for several years, all of the ACARTS members are welcome to visit and participate in the Fort Wayne Radio Club activities.

73,

Dave Lindquist, W9LKH

ACARTS MARCH BOARD MEETING MINUTES

The meeting began with voting on the April Spring Banquet location. It was decided that the Spring Banquet would be held at the Teppanyaki Grill and Supreme Buffet at 301 E Coliseum Blvd. The board unanimously approved investing existing funds in UBS interest bearing instruments. There was discussion on the possible sale of the society's tower sections to either the FWRC or other interested parties. Jim Boyer, KB9IH reported some ideas about the hamfest that he had received. These ideas included the possibility of having club tables and vintage equipment tables at the hamfest

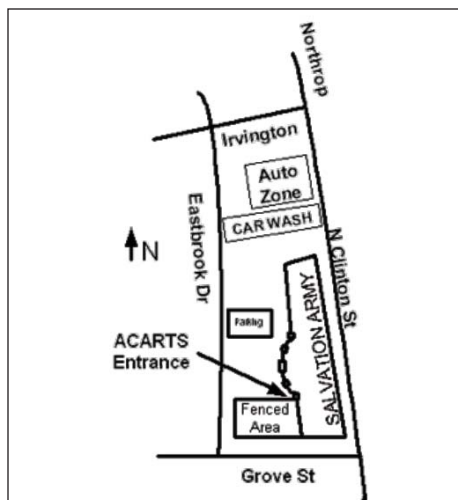
and periodically uploading the vendor list on the hamfest information website.

73,

Jaiwant Mulik WJ0J

April 16: Annual ACARTS Spring Banquet will be held this year at 7:00 p.m. at Teppanyaki Grill and Supreme Buffet

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



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ACARTS MARCH GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that the April Meeting would be the annual Spring Banquet, with details to be announced later.

Dave stated that he had received an e-mail from the Indiana Radio Club Council, and asked if anyone knew if ACARTS was a member and what the current status of membership. It was determined that ACARTS had been a member in the past, but is not currently a member. It was decided that ACARTS should reactivate their membership. Dave said that he would fill out the application and Howard, N9ADS, wrote a check for the annual \$10.00 membership fee.

Jim, KB9IH, gave a presentation and demonstration of "Cheap and Easy SDR" based on an article in the January, 2013, issue of QST.

The meeting was adjourned at 8:55 p.m.

Submitted by Dave Lindquist, W9LKH

QRL MAGAZINE

SCRAPS PLANS FOR A SWIMSUIT ISSUE

by April Furst

June was going to be the premier Swimsuit Issue for struggling *QRL Magazine*. "It was just an idea to help boost circulation" said Sasha Noyes, Senior Editor. "It's done wonders for Sports Illustrated." Of course, being a new magazine, they don't have the funds to hire beautiful models and have them pose on exotic beaches around the world with ham radio equipment. So they just ask their readers to send in photos of themselves enjoying time on a beach or by a pool with an HT in hand. "I've met many handsome and lovely people who were hams. Unfortunately, those aren't the ones who sent us their photos. The 2014 calendar probably isn't going to happen either."

*Our
41st
BIG
YEAR*

**FORT WAYNE
HAMFEST**
& Computer Expo

Allen County War Memorial Coliseum Exposition Center

4000 Parnell Avenue -- corner of Coliseum Blvd (Ind 930) and Parnell Avenue -- N 41 06.878 W 85 07.388

November 16/17, 2013



Department of Homeland Security's Office of Emergency Communications To Provide Training In Conjunction With Hamvention® 2013

Registration is now open! Students requesting to attend the DHS Auxiliary Communications Course must meet all pre-requisites and provide electronic/scanned images of required documents at the time of registration. See the Hamvention web page for additional information.

<http://www.hamvention.org/>



FORT WAYNE HAMS ATTEND TOLEDO HAMFEST

by Tom Rupp, KU8T

We went to the Toledo Hamfest on Sunday March 17, 2013, held at the Owens Community College in Perrysburg, Ohio. Before we left I took this picture of 20+ me attending, mostly from Fort Wayne, IN. Seemed like a good hamfest this year, more vintage this year and lot of Hams attending.

FWDXA

Fort Wayne DX Association

WHAT WAS HAPPENING THE YEAR YOU WERE FIRST LICENSED?

Carl Luetzelschwab K9LA

My wife Vicky AE9YL and I attended the Birmingham (AL) hamfest in early March. We were covering it at the request of the ARRL, so our duties included card checking (DXCC, WAS, WAC, VUCC) and being the ARRL representatives.

Card checking activity was very light, so I had a chance to roam around the hamfest a bit (as a side note, it was about as big as the Fort Wayne hamfest). I saw some nice old radios for sale, but managed to avoid buying anything. I was delighted to run into a large display area set up by the Alabama Antique Wireless Association. They had an old black-and-white TV on one of the tables (with an extremely small screen) running old episodes of the Range Rider. How many remember that TV series?

They also had bundles of QST, CQ, and 73 magazines for sale. They were bundled by year all the way back to the early 1950s (and some even earlier), and they were advertised as "buy the year when you were first licensed". We started talking to one of the Alabama Antique Wireless Association members, and it turns out he was Ed W4ZSB. He's done many of the DXpedition videos for Bob K4UUE, so we had a common friend. And it was my lucky day – he asked me when I was first licensed, and gave me the bundle of 1961 CQ magazines.

On the flight home on Sunday I started browsing through those 1961 issues of CQ. That turned into lots of good old memories. For example, on page 116 of the January 1961 issue there was an ad for employment at Heathkit. That was probably a dream job for many hams. They were looking for candidates with a college degree, with 3 to 5 years experience in

designing communications equipment, with SSB design experience, and preferably a licensed ham.

The May 1961 issue had the results of the 1960 CQ World Wide Phone contest. The single-op all-band USA winner (W6GHH) amassed 272 QSOs in 69 zones and 103 countries for a score of 113,520. The USA multi-multi winner (K2GL) had a score of 383,112 (498 QSOs, 107 zones, and 206 countries). We've come a long way since then!

The July 1961 issue had an ad for Brown Electronics here in Fort Wayne. It was on Broadway and was owned by Art Brown W9IHZ. See the accompanying image for this ad. Anybody remember this store? We didn't move to Fort Wayne until 1988, so that was way before our time.

In the YL column in the December 1961 issue, there was a picture of Roberta K9IVG. That call rang a bell – I'm pretty sure she was one of the net control stations for the Indiana Phone Net on 3910 KHz in the early 1960s. I used to listen to that net regularly, hoping that I'd eventually get a VFO and get on phone (I was still crystal-controlled on CW).

Scattered throughout the issues were Heathkit ads for their ham gear. I was quite aware of the DX-series of transmitters (DX-20, DX-35, DX-40, DX-60, DX-100), and even the earlier AT-1, but I had completely forgotten about the HX-11. The AT-1 came first, from 1951 to 1956, and its target was the new Novice license created in 1951. It used a 6L6 tube for the output amplifier. The DX-20 followed from 1957 to 1960, with a 6DQ6A (TV sweep tune) output amplifier. The HX-11 replaced the DX-20 in 1961, and it was essentially a DX-20 with a built-in low pass filter and a new cabinet.

I hope you enjoyed my short trip down memory lane. It certainly made the Birmingham hamfest an enjoyable experience for me. I'm sure you have your own "year first licensed" memories that are in other issues of our old magazines. Go dig them out and have some reading fun.

BUYING COLLINS EQUIPMENT? DEAL THE HAPPY WAY WITH ART BROWN



W9IHZ

Having decided to convert your station to sophisticated, compact Collins equipment, the next step is to get in touch with Art Brown.

From your interest in Collins, he knows you appreciate fine gear and will expect to trade for one or more well cared for transmitters or receivers. He knows in advance you want top dollar for your present station and will offer it. In order to remain flexible and to provide liberal terms, Brown carries his own contracts. Terms up to 24 months at \$6.00 per hundred per year with trade-ins credited to down payment. He handles shipments *fast*.

You can find a growing number of active hams who have enjoyed far more service *after the sale* than they expected.

If you haven't yet made a decision, ask Brown for the new Collins brochure. Use the coupon on the facing page. Mail it now while the thought is fresh in your mind!

The versatile KWM-2 by Collins. Use it in the car, the ham shack, in your boat . . . take it with you everywhere! Also available in the CC-1 Case with a PM-2 Power Supply.



KWM-2 \$1,150.00
516F-2 AC supply \$115.00

BROWN electronics inc.

1036 Broadway • Fort Wayne, Indiana
PHONE Anthony 3381

For further information, check number 22, on page 126

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.

Foxhunt Chronicles from page 1

and mileage numbers were very close together for this contest.

As it turned out the scores for this hunt were as follows:

So Kim & Jim Machamer will serve as the fox for the April hunt based upon the March results.

Likewise, year to date cumulative points are as follows: As you can deduce, the competition so far is close,..... and also, Bob and Dave would be well advised to check out their vehicle(s) for spiked tires or suspicious devices beneath their cars before the start of the April hunt.

Following the hunt everyone buzzed over to the Chapel-Ridge Steak-N-Shake for a hearty repast and a chance to swap lies.

Respectfully submitted,
 Al Burke, WB9SSE

**Eighth Annual
 North Central Indiana Hamfest**



Sponsored by:



Kokomo Amateur Radio Club

Saturday, April 20, 2013

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

ARRL VE TESTING

Anyone who obtains a License or Upgrades at our Testing Session will be admitted FREE to the Hamfest! Testing conducted 8:00 am until 10:00 am

TICKET INFORMATION

\$5.00 at the Door, 17 and under FREE

FREE PARKING, Handicapped Parking Available

GRAND PRIZE

2 Meter Radio

Contact

Steve Shepler
 Box 824
 Marion, IN 46952
 Email: shepler1@gmail.com

Vendor Setup

Friday: 5:00 PM to 8 PM
 Saturday: 6:00 AM to 8:00 AM
 Inside: \$5.00/Table + Admission Ticket

Directions:

- From North of Peru: Take US31 toward Peru, turn Left onto Miami County Rd 200N. The fairgrounds are approximately 2 miles on your Right.
- From South of Peru: Take US31 toward Peru, turn Right onto Miami County Rd 200N. The fairgrounds are approximately 2 miles on your Right.
- From West of Peru: Take US24 toward Peru, exit onto US31N. Follow US31 to Miami County Rd 200N, turn Right onto Miami County Rd 200N. The fairgrounds are approximately 2 miles on your Right.
- From East of Peru: Take US24 toward Peru. Just north of Peru, turn Right onto Mexico Rd (Business 31, Broadway). The fairgrounds are approximately 2 miles on your Left.
- From Downtown Peru: Take Broadway north and cross US24 (you are on Mexico Rd now). Go approximately 2 miles. The fairgrounds are on your Left.

Advance Reservations Should be Postmarked by March 31, 2013

Vendor Preregistration by sending form to the contact listed above or at <http://www.nci-hamfest.net>.

Make checks payable to NCI Hamfest

The Below Form May Be Filled Out Prior To Printing Or Printed And Filled Out By Hand

Name _____ Call Sign _____
 Address _____ City _____ State _____
 Zip Code _____ Phone Number _____ Email _____
 Tables, How Many _____ Wall Space _____ Power _____
 Advanced Tickets, How Many _____

2013 Foxhunt Schedule

The following is the planned Foxhunt schedule for 2013. All foxhunts start at 1:30 PM on Sunday afternoons at the Fort Wayne Off Track Betting Complex:

- 7 April
- 5 May
- 2 June
- 14 July
- 4 August
- 8 September
- 6 October
- 3 November

FOX HUNT YEAR TO DATE POINTS

	WB9YYI	K9OMA	WB9SSE	WB9RUS	WA7NXI	KC9MUT	KC9EZP	KC9UHU	KB9VTK	KB9DOS	KB9DOT
This Hunt	699	699	699	699	739	723.5	723.5	741	741	724.5	724.5
Total	1352.5	1352.5	1352.5	1352.5	739	1362.5	1362.5	1535.5	1535.5	724.5	724.5
	W9SAN	W9LAN	ALEX								
This Hunt	705	705	705								
Total	705	705	705								

NWS CHANGING STORM WARNINGS

By Jay Farlow, W9LW,
quadrant 2 director,
IMO SKYWARN

Does your mother know the difference between the damage that can be done by **58 mph** winds and **91 mph** winds? I didn't think so. Everyone knows that 91 mph is worse than 58 mph, but Mom probably doesn't know how much worse. She's not alone. And that's part of the reason so many people were surprised by how much damage the June 29, 2012 derecho did.

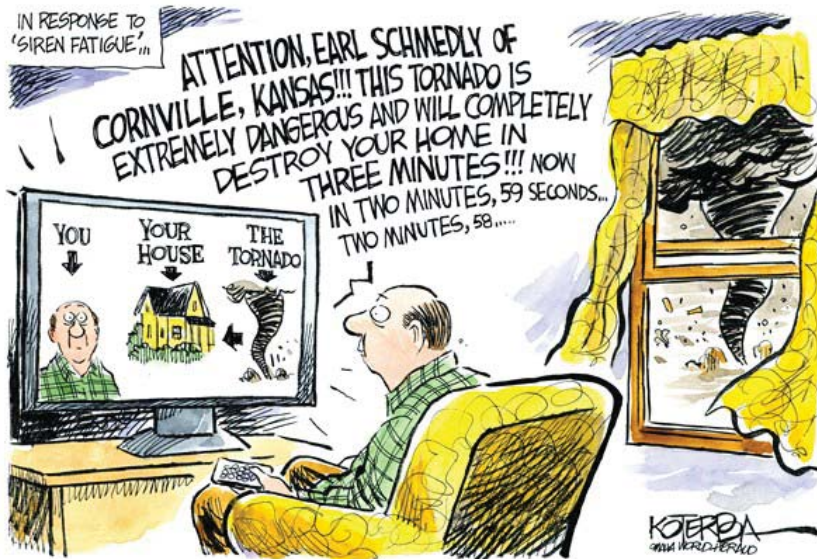
When a thunderstorm produces winds of at least 58 mph the National Weather Service (NWS) issues a severe thunderstorm warning. The June 29 derecho produced a measured wind gust at Fort Wayne International Airport of 91 mph. What does NWS do when winds reach 91 mph? It issues ... a severe thunderstorm warning.

Beginning April 1, 2013, the NWS Northern Indiana weather forecast office will join an experiment to test of a new type of storm warning. "Impact-based warnings" are designed to help people understand the difference between barely severe storms and storms like the one we had June 29, by indicating what the storms might do.

For example, at 3:09 p.m. June 29, NWS issued a severe thunderstorm warning for several northwestern Ohio counties (Example 1). It included the following text: "This storm has a history of producing destructive winds in excess of 80 mph. Seek shelter now inside a sturdy structure and stay away from windows!" Notice that the warning mentioned a wind speed and action to take but said nothing about what that wind might do.

Had impact-based warnings been in effect that day, the same warning would have included language like this: "Impact ... damage to vehicles...buildings...roofs and windows. Trees uprooted and large branches up to 9 inches in diameter down." (Example 2). Impact-based warnings will also tell us whether a storm is indicated by radar or actually observed by humans.

The impact-based warnings experiment includes three forms of tornado warnings, based on the storm's damage threat. Tornadoes with "considerable" and "catastrophic" damage threats will have new "tags" at the very bottom of the warnings, for example, "tornado damage threat ... considerable" and "tornado damage threat ... catastrophic." Note that NWS has been including tags at the bottoms of warnings for the past three to five years. The impact-based warnings experiment expands on these tags to



Used with permission, Jeff Koterba/Omaha World-Herald

enable users and automated systems to glean information more quickly.

A basic tornado warning will have no damage threat tag. It will include impact language such as, "Significant house and building damage possible." The vast majority of tornado warnings issued by the Northern Indiana NWS office will look like this.

A "damage threat considerable" tornado warning will include impact language such as, "Major house and building damage likely and complete destruction possible."

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BULLETIN - IMMEDIATE BROADCAST REQUESTED
SEVERE THUNDERSTORM WARNING
NATIONAL WEATHER SERVICE NORTHERN INDIANA
309 PM EDT FRI JUN 29 2012

THE NATIONAL WEATHER SERVICE IN NORTHERN INDIANA HAS ISSUED A

* SEVERE THUNDERSTORM WARNING FOR...
WESTERN ALLEN COUNTY IN WEST CENTRAL OHIO...
SOUTHERN DEFIANCE COUNTY IN NORTHWEST OHIO...
PAULDING COUNTY IN WEST CENTRAL OHIO...
VAN WERT COUNTY IN WEST CENTRAL OHIO...
SOUTH CENTRAL HENRY COUNTY IN NORTHWEST OHIO...
PUTNAM COUNTY IN WEST CENTRAL OHIO...

* UNTIL 400 PM EDT

* AT 304 PM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A
LINE OF SEVERE THUNDERSTORMS CAPABLE OF PRODUCING DESTRUCTIVE WINDS
IN EXCESS OF 80 MPH. THESE SEVERE STORMS WERE LOCATED ALONG A
LINE EXTENDING FROM 27 MILES NORTHWEST OF ANTWERP TO 12 MILES
WEST OF PAYNE TO 24 MILES SOUTHWEST OF OHIO CITY...AND
MOVING EAST AT 65 MPH.

* LOCATIONS IN THE PATH OF SEVERE THUNDERSTORMS INCLUDE...
PAYNE...ANTWERP AND CONVOY...
PAULDING...VAN WERT AND OHIO CITY...
SPENCERVILLE AND DEFIANCE...
DELPHOS...OTTOVILLE AND CONTINENTAL...
ELIDA...

OTHER LOCATIONS IMPACTED BY THESE SEVERE THUNDERSTORMS INCLUDE
WORTHVILLE...TIPTON...MIDDLEBURY...MARK CENTER...BRICETON...SCOTT...
LATTY...HAVILAND...CECIL...CAVETT...THE BEND AND SHERWOOD.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

DOPPLER RADAR HAS INDICATED SOME WEAK ROTATION WITHIN THIS LINE OF
SEVERE THUNDERSTORMS. SEVERE THUNDERSTORMS CAN PRODUCE TORNADOES WITH
LITTLE OR NO WARNING. IF A TORNADO IS SPOTTED...ACT QUICKLY AND MOVE
TO A PLACE OF SAFETY IN A STURDY STRUCTURE...SUCH AS A BASEMENT OR
SMALL INTERIOR ROOM.

THIS STORM HAS A HISTORY OF PRODUCING DESTRUCTIVE WINDS IN EXCESS OF
80 MPH. SEEK SHELTER NOW INSIDE A STURDY STRUCTURE AND STAY AWAY FROM
WINDOWS!

TO REPORT SEVERE WEATHER...CONTACT YOUR NEAREST LAW ENFORCEMENT
AGENCY. THEY WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE
IN NORTHERN INDIANA.

&&

LAT...LON 4064 8404 4064 8410 4065 8411 4065 8421
4068 8422 4068 8437 4071 8445 4072 8445
4072 8449 4084 8480 4135 8472 4127 8400
TIME...MOT...LOC 1908Z 269DEG 58KT 4154 8487 4104 8487
4054 8487

WIND...HAIL 80MPH <.50IN
    
```

1: Standard severe thunderstorm warning

A “**damage threat catastrophic**” tornado warning will include impact language such as, “This is a life threatening situation. You could be killed if not underground or in a tornado shelter.” The NWS will rarely use the catastrophic language, saving it for storms like the 2011 Joplin, Missouri tornado.

More information about impact-based warnings is available on the NWS website at <http://ow.ly/jrgBr>.

When a warning is issued, it will be important to access the entire text of the warning. You can do so via NOAA Weather Radio, the Web and some email services. Make sure your friends and family also know how to get the full text of warnings, so they'll benefit from the impact statements.

Impact-based warnings will make detailed, timely reports from SKYWARN storm spotters even more important. More than ever, NWS will need to know what storms are doing near you; exactly what they're doing. Did tree limbs come down? How big? Did you see structure damage? Was it just a few shingles blown off or part of a wall blown down? And NWS meteorologists will need that information immediately, especially when a storm system moves as fast as the June 29 derecho did (60 mph). The tornado damage threat tags are especially dependent on spotter reports. Radar data alone is insufficient for NWS meteorologists to determine appropriate damage threat tags.

If we provide the information NWS needs, when it needs it, impact-based warnings could lead to fewer comments like one often heard after the June 29 derecho: “I had no idea it would be that bad.”



Derecho: a widespread, long-lived, straight-line windstorm that is associated with a fast-moving band of severe thunderstorms.

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BULLETIN - IMMEDIATE BROADCAST REQUESTED
SEVERE THUNDERSTORM WARNING
NATIONAL WEATHER SERVICE NORTHERN INDIANA
309 PM EDT FRI JUN 29 2012

THE NATIONAL WEATHER SERVICE IN NORTHERN INDIANA HAS ISSUED A

* SEVERE THUNDERSTORM WARNING FOR...
WESTERN ALLEN COUNTY IN WEST CENTRAL OHIO...
SOUTHERN DEFIANCE COUNTY IN NORTHWEST OHIO...
PAULDING COUNTY IN WEST CENTRAL OHIO...
VAN WERT COUNTY IN WEST CENTRAL OHIO...
SOUTH CENTRAL HENRY COUNTY IN NORTHWEST OHIO...
PUTNAM COUNTY IN WEST CENTRAL OHIO...

* UNTIL 400 PM EDT

* AT 304 PM EDT...A LINE OF SEVERE THUNDERSTORMS EXTENDED FROM 27
MILES NORTHWEST OF ANTWERP TO 12 MILES WEST OF PAYNE TO 24 MILES
SOUTHWEST OF OHIO CITY...AND MOVING EAST AT 65 MPH.

HAZARD...GREATER THAN 80 MPH WIND GUSTS.

SOURCE...TRAINED SPOTTERS.

IMPACT...DAMAGE TO VEHICLES...BUILDINGS...ROOFS AND WINDOWS. TREES
UPROOTED AND LARGE BRANCHES UP TO 9 INCHES IN DIAMETER DOWN.

* LOCATIONS IN THE PATH OF SEVERE THUNDERSTORMS INCLUDE...
PAYNE...ANTWERP AND CONVOY...
PAULDING...VAN WERT AND OHIO CITY...
SPENCERVILLE AND DEFIANCE...
DELPHOS...OTTOVILLE AND CONTINENTAL...
ELIDA...

PRECAUTIONARY/PREPAREDNESS ACTIONS...

THIS STORM HAS A HISTORY OF PRODUCING DESTRUCTIVE WINDS IN EXCESS OF
80 MPH. SEEK SHELTER NOW INSIDE A STURDY STRUCTURE AND STAY AWAY FROM
WINDOWS!

TO REPORT SEVERE WEATHER...SEND REPORTS VIA TWITTER WITH THE HASHTAG
#NWSIWX.

&&

LAT...LON 4064 8404 4064 8410 4065 8411 4065 8421
4068 8422 4068 8437 4071 8445 4072 8445
4072 8449 4084 8480 4135 8472 4127 8400
TIME...MOT...LOC 1908Z 269DEG 58KT 4154 8487 4104 8487
4054 8487

HAIL...<.50IN
WIND...>80MPH
    
```

2: Sample impact-based severe thunderstorm warning

Say Again?

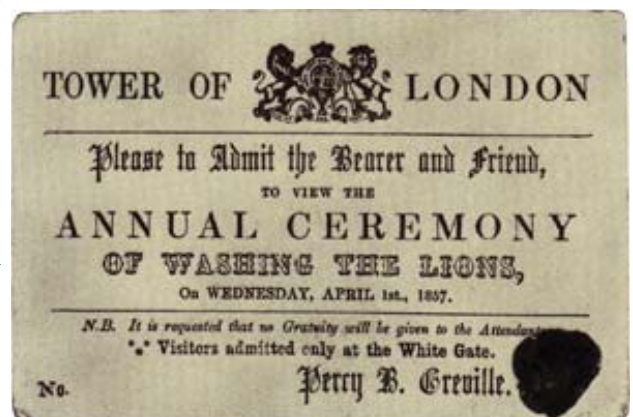
“The doctor of the future will give no medicine but will interest his patients in the care of the human frame, in diet, and in the cause and prevention of disease.”

Thomas Edison

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

APRIL FOOLS DAY NOT A NEW CONCEPT

A popular prank in London: In 1860 numerous people throughout London received an invitation saying “Tower of London -- Admit Bearer and Friend to view the annual ceremony of Washing the White Lions on Sunday, April 1, 1860. Admittance only at the White Gate. It is particularly requested that no gratuities be given to the wardens or attendants.” By noon, crowds began to gather but of course, lions hadn't been kept in the tower for quite some time, specifically white ones. Apparently, this prank had been pulled numerous times starting as far back as 1698.



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	
	VHF Spring Sprints	X	X	X	Grid square (6-character preferred)	14 days
144	Apr 1, 7 PM - Apr 1, 11 PM				sites.google.com/site/springvhfupsprints	
1.8-28	Missouri QSO Party	X	X		RS(T), serial, MO county or S/P/C	May 1
	Apr 6, 1800Z - See website				http://www.w0ma.org/	
3.5-28	Michigan QSO Party	X	X		Serial and MI county or S/P/C	30 days
	Apr 20, 1600Z - Apr 21, 0400Z				www.miqp.org	
1.8-28	South Dakota QSO Party	X	X	X	RS(T) and SD county or S/P/C	June 1
	Apr 20, 1800Z - Apr 21, 1800Z				www.w0blk.org	
1.8-28	North Dakota QSO Party	X	X		RST and ND county or S/P/C	May 15
50,144	Apr 20, 1800Z - Apr 21, 1800Z				www.w0nd.com	
1.8-28	Nebraska QSO Party	X	X	X	RS(T), NE county or S/P/C	May 31
50,144	Apr 20, 1800Z - Apr 21, 1800Z				www.qcwa.org/chapter025.htm	
3.5-28	ARRL Rookie Roundup	X			Both calls, name, check, S/P XE# or "DX"	See web
	Apr 21, 1800Z - Apr 21, 2359Z				http://www.arrl.org/contests	
7-28	Florida QSO Party	X	X		RS(T), FL county or S/P/C	30 days
	Apr 27, 1600Z - See website				http://www.floridaqsoparty.org/	

2013 ARRL FIELD DAY: JUNE 22-23

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as

the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

For more information, go to the ARRL web page at:

<http://www.arrl.org/field-day>



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	<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	Fort Wayne, IN 46885

For dual membership, fill out both sides and send two checks to either club. 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 (digirepeaters)

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

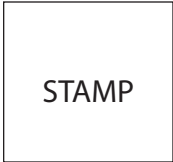
(please submit any changes or corrections to the editor)
IMO: meets nightly at 6:30 p.m. on 146.88-
Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+
21 Repeater Group: Wed. at 7:30 p.m. on 147.150
Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 4:30 p.m. local.
Daily (QIN) Indiana Section CW net: 3.535 @ 8:30 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. Thursdays at 3826 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-

If you know of any corrections that need to be made, please contact the newsletter editor.



To:

Activities Calendar



Date	Time	Event	Place
04/07/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
04/09/2013	7:00 PM	FWRC Board Meeting	GSUMC
04/09/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
04/16/2013	7:00 PM	ACARTS Spring Banquet	Teppanyaki Grill and Supreme Buffet
04/19/2013	7:00 PM	FWRC General Meeting	GSUMC
04/23/2013	7:00 PM	Hamfest Committee Meeting	On-the-air 147.255
04/30/2013	7:00 PM	FWRC Board Meeting	GSUMC
05/05/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
05/10/2013	6:30 PM	FWRC Spring Banquet	GSUMC
05/14/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
05/21/2013	7:00 PM	ACARTS General Meeting	Salvation Army Facility
11/16 and 11/17/2013		Fort Wayne Hamfest	Allen County War Memorial Coliseum