

# Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

July 2007

Volume 8 Issue 7

FWRC Field Day Pictures - more on pg. 8



## What's Inside

Fort Wayne Radio Club News & Meeting Information	pg. 2
Fort Wayne Radio Club Minutes	pg. 3
July Foxhunt Photos	pg. 3
ACARTS News & Meeting Information	pg. 4
ACARTS Minutes	pg. 5
N9NRO's Foxhunting Antennas	pg. 5
FWDXA: Things To Do Around Solar Minimum	pg. 6
Monthly Indiana Section News Summary	pg. 7
Fort Wayne Radio Club Field Day Photos	pg. 8
VE Exam Schedule	pg. 9
2007 Foxhunt Schedule	pg. 9
Regional Hamfests	pg. 9
For Sale & Wanted	pg. 10
Echolink info	pg. 10
Membership Application	pg. 11
Activities Calendar	pg. 12

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

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza at arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline for Aug. issue is Friday, 8/3/07.  
Please do NOT send anything in all caps!!**

## Internet Home Pages:

**Fort Wayne Radio Club:**  
<http://www.fortwayneradioclub.org>

**ACARTS:**

<http://www.acarts.com>

**Ft Wayne DX Association:**

<http://www.qsl.net/fwdxa/>

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## Officers

### President:

Jim Moehring  
KB9WWM 493-8326  
servo300 at aol.com

### Vice President:

Woody Woodbury  
KC9CGN 632-4083  
woody922 at netzero.net

### Secretary:

Al Burke  
WB9SSE 637-1989  
woffermom at cs.com

### Treasurer:

Bob Streefer  
W8ST 672-9737  
w8st at arrl.net

### Communications

#### Manager:

Steve Nardin  
W9SAN 483-4039  
w9san at arrl.net

### Board of Directors

Carole Burke  
WB9RUS 637-1989  
wb9rus at comcast.net

Terry Bowman  
K9FMX 493-7177  
tjbowman@verizon.net

Tom Baker  
N9TB 747-2714  
n9tb at arrl.net

Vic Guess  
WB9UZA 485-7472  
wb9uza at arrl.net



## President's Corner



Happy 4<sup>th</sup> of July to you all. As I am writing this column, I am sitting on a third floor deck in Newport, Rhode Island working PSK31. 20 Meters DX has been open this week and it has been a lot of fun to relax and play with the radio.

As far as celebrating, the fourth, Rhode Island is one of the original 13 colonies they really do things up for the fourth. Bristol, RI, a town just a few miles north of Newport has been celebrating since Saturday, June 30th! New England is a great area to take a vacation.

June was terrific month for "hamming it up" culminating with Field Day on the weekend of June 23 and 24. It appears that once again we had a very successful Field Day operation. This year we operated Class 6A with a GOTA station. We had 3 CW stations, 1 RTTY station, 1 HF Phone Station and 2 stations in the VHF/UHF tent. My hats off to Steve, W9SAN for coordinating the operations this year and to Carole WB9RUS for arranging for the hog roast. Thanks to everyone who helped set-up, operate, teardown or who just provided support (there are too many to recognize in this column and I wouldn't want forget anyone). Without your help, Field Day isn't possible. As of this writing, I haven't gotten any preliminary report from, Tom, N9TB on the numbers but I believe we all had a wonderful time. I reported to the Section Manager a total of 25 operators and 43 participants, overall. We have already begun planning for next year to make things even better.

Even being away from Fort Wayne, I understand that there have been some issues with the repeaters. Al, WB9SSE is trying to keep on top of the problems as I write. I understand that the PA went out on the '76 machine and Al has it currently operating on the exciter only. The UHF machine also has lost its PA and is operating in a similar fashion. At Parkview, the

'94 experienced some squelch problems and those apparently have been rectified also. It is possible that the Robison Park site problems may be related to vandalism as once again the grounding system as been stolen. Thanks to Al, for his work on the repeaters!

For the July meeting, we will be discussing Field Day and the preliminary results. Chad, W9GGA has also graciously volunteered to provide a short presentation on passing formal traffic on the NTS. I am looking forward to both of these activities.

Coming up in August is our annual tailgate "hamfest". We may have a special location for this, this year so stay tuned.

That's it for now, a T14 is calling CQ. Hope to see you all when I return to 9-land.

73

DE

Jim, KB9WWM

## July Meeting

**Fri., July 20, 7:00 PM**

**PROGRAM:  
Field Day Wrap-up**



## Fort Wayne Radio Club Minutes 15 June 2007

The June 2007 meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church on 15 June 2007 with President Jim Moehring as the host. There were about 20 persons present.



### OLD BUSINESS:

Jim Moehring started the meeting by calling all to attention for the pledge of allegiance.

The April minutes were read and there were no corrections.

Bob Streeter presented the June Treasurer's report. As of 15 June 2007 the club had realized a year-to-date income of \$1,532.11, & year-to-date expenses of \$682.26. The club had cash on hand of \$69.18 and had \$6,829.24 in checking/savings.

### NEW BUSINESS:

Jim Moehring noted that the Spring Banquet was again a success. Everyone enjoyed a very good meal and an outstanding presentation from a wounded Iraqi war vet complete with visuals and artifacts collected during the speaker's service in country.

Phil Hooper, AB9IZ announced that he has started a business in Ft. Wayne catering to ham's needs, i.e., his

version of an HRO or R&L. The store will exist on the web at: <philshamradiostore.com>, and will also exist physically as soon as he can locate a suitable store location. He already has some product in stock and will be adding things as time goes on. So you can look to him locally as a source of connectors, coax, headsets, microphones, etc., (with many more items to come). Phil stated that he will offer a 5% discount to verified members of the FWRC.

Carole Burke announced that there would be a Hog Roast again this year, Saturday evening, at the Field Day site. The meal would include pulled pork, sauerkraut, baked beans and potato salad plus soft drinks and coffee and the usual plethora of desserts brought in by those attending. Cost would be \$10.00 per person with the meal served promptly at 5:30 pm.

The 50/50 raffle consisted of a \$16.00 pot which was split between the club treasury and Ron, KD6CUV.

After the raffle Jim Moehring, Tom Baker and Steve Nardin provided a presentation of the club's plans for Field Day. It looks like we will run either 5A or 6A this year, we will be using a new set of generators in lieu of the old club trailer mounted generator which we have taken out of service, and we will be erecting two aluminum towers to accommodate HF operations in addition to the vhf/uhf tower. A GOTA station will be active, and we expect to have a satellite station in operation as well.

Respectfully submitted,  
Al Burke, WB9SSE

## July Foxhunt Photos



The fox den



We all scream for ice cream.

photos by Vic Guess, WB9UZA

# STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS Officers

### President

Vic Berko, KA9LTV  
(260) 456-2012  
vberko at comcast.net

### Vice President

Dave Lindquist, W9LKH  
(260) 485-6135  
w9lkh at comcast.net

### Secretary

Robin Berrier, KB9PCF  
  
robinberrier at aol.com

### Treasurer

Howard Pletcher, N9ADS  
(260) 747-5252  
n9ads at juno.com

## ACARTS Managers

### Activities

OPEN

### Emergency Preparedness

Dan Soper, KB9NGM  
(260) 637-5787  
dan996 at aol.com

### Communications

Victor Guess, WB9UZA  
(260) 485-7472  
wb9uza at arrl.net

### Station Manager

Steven Berrier, KB9BGW

### Fundraising Manager

Jim Boyer, KB9IH  
(260) 489-6700  
kb9ih at arrl.net

### W9INX Trustee

Vic Berko, KA9LTV  
(260) 456-2012  
vberko at comcast.net

### Tech Committee

Emery McClendon, KB9IBW  
(260) 485-4120  
kb9ibw at juno.com

## President's Message



severe stuff.

It is July and the official start of summer. It was a fairly quite spring, and lets hope the summer stays the same. We need rain, but we can do without the

I would like to thank Carl, N9NRO for providing part of our June program on fox hunting. We watched a video from ARRL on fox hunting, and then had a presentation from Carl. In the video, the hunters had some exotic antennas, and other gear. In his presentation, Carl had a different point of view on fox hunting. He believes in KISS ( Keep It Simple Stupid ). He showed us some of the antennas that he uses, and told us a few hunting stories.

A reminder about future meetings. We will not have a general meeting in July, and our Family Picnic is our August meeting. The tentative date is August 18th. The time and location has not been set as I write this months message. We hope to have the details worked out soon. It will be in next months newsletter, and on our website.

My garden is in, and now I have to keep ahead of the weeds. They seem to grow faster than my vegetable plants. You pull them one morning, and the next day you have twice as many. Having a house is nice, but it can also be a drag on your ham radio activities. There is always something that needs to be fixed. I will also point out the fact that I am single, so there is no honey do list. That said having a house permits you to put up some antennas. I have yet to do that.

And now a word from Computer Man. I had to do major surgery on my computer. The fan on my power supply went out, and I lost my video card. One morning I turned my monitor on (my PC is on all the time) and saw a lot of strange bars on the screen. I rebooted, and got a message that there was no signal to the monitor. When I lifted my computer from the floor on to my desk, I discovered that the fan on the

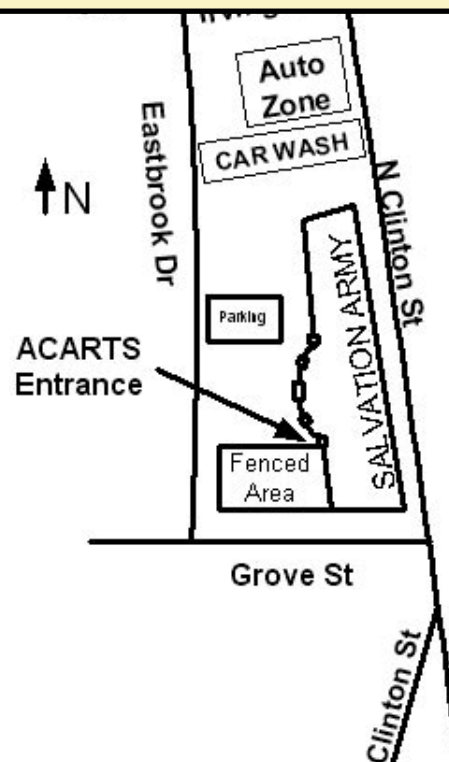
power supply was not spinning. I was concerned that I may not be able to find a video card for my PC. You see I am still running Windows 98SE. I was able to find a card that would work, and it is bigger, and faster than the one I had. I also got a bigger power supply. I installed everything and after a little work on getting the settings right, I am back in business. I will have to replace my PC some day, as support for WIN98SE is no longer available.

Well that's all I have for this month. Hope to see you at the family picnic in August. Oh, one more thing. I could use some suggestions for a program for September.

73,  
Vic,KA9LTV

## Meeting Schedule

**There will be no board or general meetings during July.**



**June 2007 ACARTS Board Meeting Minutes**

The meeting was called to order by Vic, KA9LTV.

Vic announced that the June General Meeting program would be an ARRL video on Fox Hunting and possibly a speaker to add to the video.

He reminded those present that there would be no Board or General Meetings in July and that the August General Meeting would be the club picnic.

No other business was discussed.

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

Submitted by Dave Lindquist, W9LKH

**June 2007 ACARTS General Meeting Minutes**



The meeting was called to order by Vic, KA9LTV.

Vic reminded the members that there would be no Board or General Meetings in July and that the August General Meeting would be the club picnic, possibly to be held on Saturday, August 18th at the home of Jim, KB9IH.

After refreshments, an ARRL video on Fox hunting was shown and Carl, N9NRO, demonstrated his fox hunting antennas and explained the format and procedures of the monthly fox hunts held by the Fort Wayne Radio Club.

Submitted by Dave Lindquist, W9LKH

NOTE: Below are the dimensions and construction notes for Carl's, N9NRO, foxhunting antennas that he showed at the June meeting.

**FOXHUNTING ANTENNAS**

**2M**

<b>Element</b>	<b>Length</b>	<b>Spacing</b>
Ref	40 1/4	0
Drv	39 1/4 (after assembly)	14 5/8
D1	38	23 1/4
D2	36 7/8	40

**440**

<b>Element</b>	<b>Length</b>	<b>Spacing</b>
Ref	13 3/16	0
Drv	13 1/8 (after assembly)	9
D1	11 13/16	15 3/4
D2	11 3/8	23 11/16

Notes

- All element diameters are 1/8 inch.
- Booms are insulating material. (PVC pipe) Leave 6 or 8 inches of extra pipe behind the Ref to serve as a handle on the 440 antenna.
- Spacing is center to center referenced from the Ref.
- Approx. 1/8 inch gap between dipoles of Drv.
- Any length of 50 ohm coax.
- Coax connected directly to Drv dipoles.
- All dimensions are in inches.
- Make holes slightly under size, so the elements fit tight.
- Drill hole for Drv then cut slot to the hole on one side of PVC pipe, insert assembled Drv, then fill slot, local area of pipe, and around coax with epoxy.

Good luck building and happy hunting, keep in touch.



Ft Wayne DX Association

Things To Do Around Solar Minimum  
Carl Luetzelschwab  
K9LA

The accompanying figure shows what solar scientists are predicting for the decline of Cycle 23 and the peak amplitude of Cycle 24. They predict solar minimum will occur in March 2008, with an uncertainty of plus or minus 6 months. Even if we use the 'minus 6 months' scenario, we're still not at solar minimum. And after solar minimum it will take a couple more years before 15m, then 12m, and eventually 10m come back to life with consistent propagation via the F2 region. How good the higher bands will be at sunspot maximum will depend on which of the two predictions for Cycle 24 comes to be.

So what are you going to do until things turn around? Sure, you can always set Amateur Radio aside for a couple years. But in my opinion, that is going way overboard. There are many things to do to bide time until the higher bands return.

With paths from North America to the other two major Amateur Radio population areas (Europe and Japan) going across the higher latitudes, a quiet geomagnetic field appears to be one requisite for good propagation on 160m and 80m. Since the quietest period occurs at solar minimum and continues for about one more year, now is the time to get ready for the lower bands. The fall/winter 2007 season will likely be good, and the fall/winter 2008 season should be even better. An inverted-vee (even at low heights) will allow you to sample DXing on the low bands.

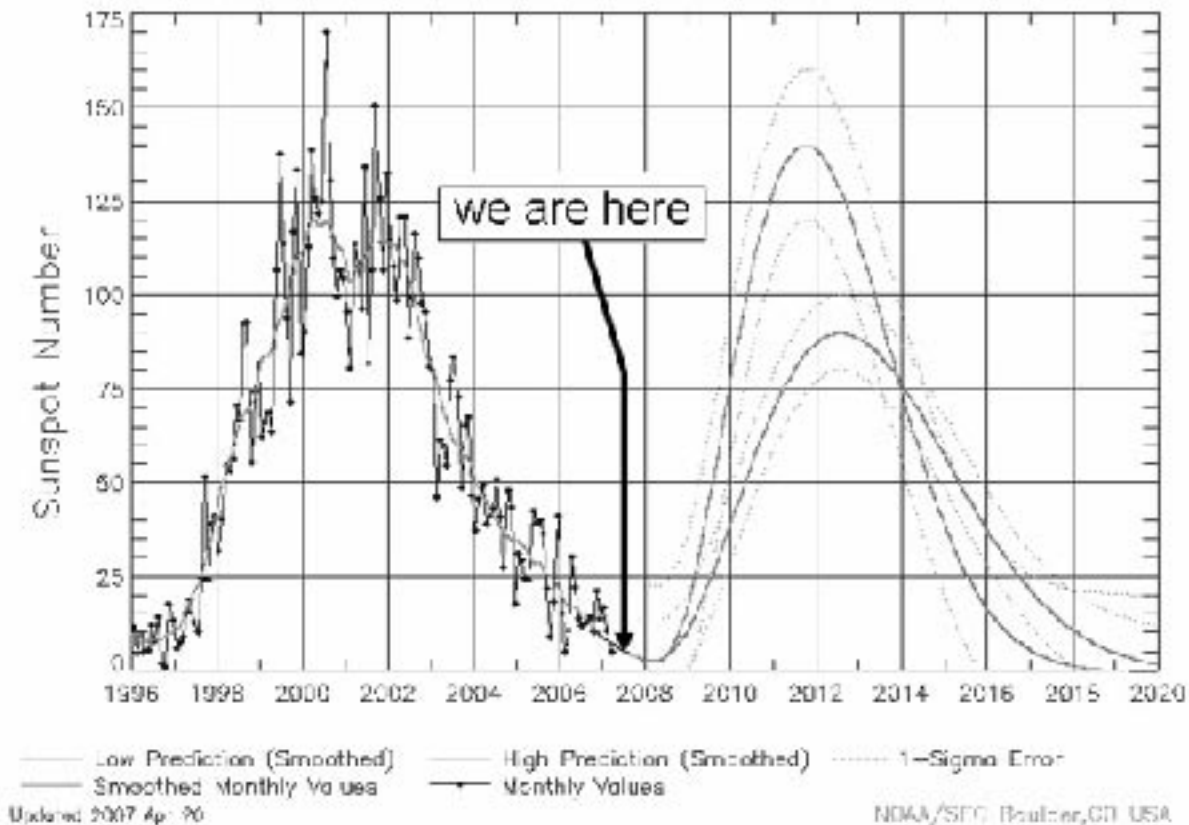
Get on 6m

Although the probability of F2 propagation on 6m is highly unlikely around solar minimum, sporadic E can liven up the band in the summer months regardless of where we are in a solar cycle. Last summer 6m offered DX opportunities into Europe and Japan, and this summer has already had some impressive sporadic E openings. A 3-element Yagi for 6m fits in an approximate 9 foot (element length) by 7 foot (boom length) rectangle and would weigh about 6 pounds. This is small enough

Get on the Low Bands

continued on pg. 10

Solar Cycle 24 Sunspot Number Prediction  
Data through 31 Mar 07



## Monthly Indiana Section News Summary



Condolances to the Family and Friends of these Amateurs who became a Silent Key during May: Lewis Hartzler NZ9S, Angola, May 1; Otis A Beamer WA9NLO, Camden, May 3; Homer Bruce K9BMB, Spencer, May 7; LouisBeam N9VKH, Cayuga, May 13; Jeffrey L. Mausteller KB9TOP, Evans City, May 17. They will be missed.

As of late May, our long time Section Emergency Coordinator, David Pifer N9YNF, has resigned. Dave cited family, job responsibilities, and "burn-out" as his reasons for wanting to resign. With sadness, I have accepted his resignation. I have enjoyed working with Dave over the last 5 years, and he has done a marvelous job for the Indiana Section. I have appointed as his replacement Tony Langer W9AL, of North Judson. Dave left a large pair of shoes to fill, and I know that Tony will do his best to fill them. Please give Tony your support and cooperation in managing the League's ARES program here in Indiana.

Due to the changeover in SECs, my own busy life, and job responsibilities, I was not able to get the Indiana Section News for April published during May. Please forgive me. I hope what is here will in some part make up for the absence of this monthly report to the ARRL members here in Indiana.

Some of you may have heard about the Ardent Sentry Disaster Exercise. From May 10th thru May 12th, many hams were involved with this exercise. An estimated 2990 volunteer hours is attributed to this exercise. Impressive!! On April 25, LaPorte County SKYWARN was activated for a confirmed tornado. 18 spotters volunteered their spotting talents for 3 hours. A total of 56 person-hours.

The Indianapolis hamfest is coming up on July 7th. At this event, the Indiana Radio Club Council will be presenting the Annual Award for Outstanding Technical Excellence at a Forum there. To the best of my knowledge, Central Division Director, Dick Isley W9GIG will be attending. Look for him and likely me too at the ARRL Table.

The following VHF/UHF Net Managers reported their net's activity during April: WA9CWE, KC9BHI, N9ZMY, KB9NYC, WD9HTN, N9VXB, KB9UAG, WA9PSV, KF9EX, WB9RVN, NA9L, WD9BKA, WB9NCE, KB9RFO, WR9G, W3ML, W9THD, KA9QWC.

The following VHF/UHF Net Managers reported their net's activity during May: WA9CWE, KC9BHI, N9ZMY, KB9NYC, KE9WI, N9VXB, KB9UAG, WA9PSV, KF9EX, WB9RVN, NA9L, WB9NCE, KB9RFO, WR9G, W3ML, W9THD, KA9QWC. If your Net Manager's callsign does not appear on these lists, then your net's activity is not being reported to our Section VHF/UHF Net Manager, John Kinley KC9BHI. Please send net activity reports to John at: kc9bhj@arrl.net .

### April Section Net Activity:

NET	FREQ	DAILY TIMES (UTC)	QNI	QTC	QTR	SESS
ITN	3910 KHZ	1230/2030	2666	115	1346	60
QIN	3535 KHZ	1330/2300	105	106	590	47
ARES	3910 KHZ	4TH SUN/MO @ 1200Z	10	6	1	
HOOSIER VHF NETS 16 REPORTING			1157	6	2008	87
HOOSIER DIGITAL NETS (2) NO RPT RECD						

### May Section Net Activity

NET	FREQ	DAILY TIMES (UTC)	QNI	QTC	QTR	SESS
ITN	3910 KHZ	1230/2030	2663	175	1487	62
QIN	3535 KHZ	1330/0000	105	105	590	48
ARES	3910 KHZ	4TH SUN/MO@1200Z	14	1	26	1
HOOSIER VHF NETS 17 REPORTING			1180	9	2157	92
HOOSIER DIGITAL NETS (2) NO RPT RECD						

**April ORS Traffic Reports:** K9PUI 157, NA9L 68, K9GBR 59, W9PC 46, W9ILF 36, N9HM 11, AB9AA 10, WB9NCE 5.

**May ORS Traffic Reports:** KJ9J 175, K9PUI 168, K9GBR 90, NA9L 83, W9PC 19, N9HM, 15, N9HZ 13, AB9AA 12, KA9QWC 3.

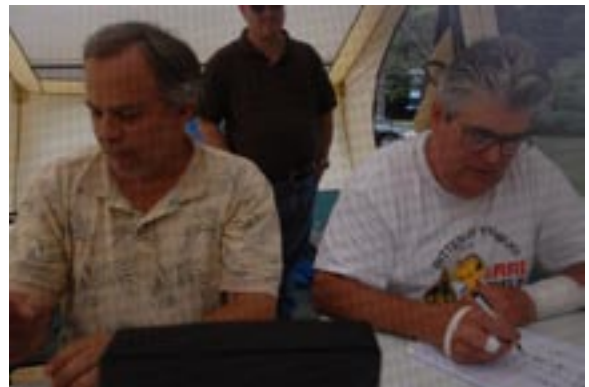
May PSHR Report: NA9L 1/40 2/40 3/30; Total 110 Points

James S. Sellers K9ZBM

Indiana Section Manager



more of FWRC Field Day



photos by Vic Guess, WB9UZA

For more Field Day photos go to <<http://homepage.mac.com/vguess/PhotoAlbum14.html>>.





**Test Points**

12-Jul-2007  
 Sponsor: GOSHEN ARC  
 Time: 7:00 PM (Walk-ins allowed)  
 Contact: PAUL F COREY

(574)262-4414  
 Email: K9MV@ARRL.NET  
 VEC: ARRL/VEC  
 Location: GREENCROFT RETIREMENT CENTER  
 HOMAN BUILDING  
 GREENCROFT BLVD  
 GOSHEN, IN 46525

28-Jul-2007  
 Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC  
 Time: 9:00 AM (Walk-ins allowed)  
 Contact: ROGER L MC ENTARFER  
 (260)503-9008  
 Email: N9QCL@ARRL.NET  
 VEC: W5YI VEC  
 Location: PEABODY LIBRARY  
 1160 E STATE ROAD 205  
 COLUMBIA CITY, IN 46725

25-Aug-2007  
 Sponsor: UNSPONSORED  
 Time: 2:00 PM (No walk-ins)  
 Contact: ROBERT E HIGH  
 (419)795-5763  
 VEC: ARRL/VEC  
 Location: VAN WERT COUNTY EMA  
 1220 OLD LINCOLN HWY  
 HOMELAND SECURITY BUILDING  
 VAN WERT, OH 45891

11-Oct-2007  
 Sponsor: GOSHEN ARC  
 Time: 7:00 PM (Walk-ins allowed)  
 Contact: PAUL F COREY  
 (574)262-4414  
 Email: K9MV@ARRL.NET

VEC: ARRL/VEC  
 Location: GREENCROFT RETIREMENT CENTER  
 HOMAN BUILDING  
 GREENCROFT BLVD  
 GOSHEN, IN 46525

27-Oct-2007  
 Sponsor: UNSPONSORED  
 Time: 2:00 PM (No walk-ins)  
 Contact: ROBERT E HIGH  
 (419)795-5763  
 VEC: ARRL/VEC  
 Location: VAN WERT COUNTY EMA  
 1220 OLD LINCOLN HWY  
 HOMELAND SECURITY BUILDING  
 VAN WERT, OH 45891

27-Oct-2007  
 Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC  
 Time: 7:00 PM (Walk-ins allowed)  
 Contact: ROGER L MC ENTARFER  
 (260)503-9008  
 Email: N9QCL@ARRL.NET  
 VEC: W5YI VEC  
 Location: PEABODY LIBRARY  
 1160 E STATE ROAD 205  
 COLUMBIA CITY, IN 46725

**2007 Foxhunt Schedule**

June 4 6:30 PM  
 July 2 6:30 PM  
 Aug 6 6:30 PM  
 Sept 10 6:30 PM  
 Oct 1 6:30 PM  
 Nov 4 1:30 PM  
 Dec-No Hunt

All foxhunts start at off track betting parking lot, Washington Ctr. & Lima Rds. - Carl, N9NRO



**Regional Hamfests**

Date	Location	Contact Phone	URL or E-mail
14 Jul 2007	Wellington, OH	440-930-9115	<a href="http://www.noars.net">http://www.noars.net</a>
22 Jul 2007	Van Wert Co., OH Fairgrounds	419-238-2812	<a href="http://www.w8fy.org">http://www.w8fy.org</a>
11 Aug 2007	Lima, OH	419-227-6573	<a href="mailto:FAIRRADIO@fairradio.co">FAIRRADIO@fairradio.co</a>
19 Aug 2007	Lafayette, IN	765-446-7747	<a href="http://www.w9reg.org/hamfest">http://www.w9reg.org/hamfest</a>
19 Aug 2007	Warren, OH	330-240-1824	<a href="http://www.w8vtd.org">http://www.w8vtd.org</a>
8 Sep 2007	Grand Rapids, MI	616-897-6885	<a href="http://www.grahamfest.org">http://www.grahamfest.org</a>
9 Sep 2007	Findaly, OH	419-423-3402	<a href="mailto:hamfest@findlayradioclub.org">hamfest@findlayradioclub.org</a>

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



## For Sale & Wanted

For Sale: Fox hunting equipment

1. Roof rack for mounting rotating 2 meter beam.
2. Crank rotor for turning antenna, chain drive.
3. Old rotor with just the pot in top of rotor to give signal to the meter read out.
4. 12 volt inverter to supply 110v to the meter.
5. Old antenna meter to indicate heading of beam.
6. 2 meter beam

Come and look and check it out to see if you can use it. I have no idea what it is worth, make an offer.

contact Vic Keller, n9gk at arrl.net, 260-485-0384

\* \* \*

For Sale:

- Yaesu FT-101E transceiver with FV-101B external VFO and instruction books: \$350.
- Heathkit Linear Amplifier SB-200 with instruction book (does have 10 meters) \$300
- Yaesu FT-227R "Memorizer" 2 meter FM with instruction book \$100
- magnetic mount 2 meter car antenna \$15 obo (or best offer)
- 12 element 2 meter beam antenna \$25 obo
- Cushcraft tri-band 3 element antenna for 10, 15, and 20 meters, model ATB-34 \$100 obo (brand new, never assembled) Will throw in a second one for parts, badly damaged.
- 5 element 2 meter beam antenna Condition unknown on this one, so money back if it does not work. \$5 obo

All above equipment worked fine when last used, but it has been stored for around 20 years. If desired, I will bring the transceivers or amplifier to the purchaser's shack, if local, so it can be tested before purchase, or, recognizing that after this long, some switch contacts will probably need to be cleaned, I will knock off 20% if you take it "as is."

Jerry L. Miller WD9ACE  
8626 Monroeville Rd.  
Hoagland, IN 46745  
260-639-3914

\* \* \*

Free:

2-element cubical quad; reflector loops behind the driven loops. I added 10-meter loops, so it is now for 20/15/10 meter bands. A very-well-made welded aluminum-alloy "spider" or "hub" supports the 8 fiberglass spreader arms. Loops are regular 14-gauge copper antenna wire. Nylon cords are tied between the outer ends of "driven" and "reflector" spreaders for stabilizing. Mounted on a 30-ft. tower, hinged at bottom and anchored to the house at eave. Home-brew rotator at bottom of tower - motor and gearbox (I think from a rototiller). Rotator is relay-controlled, with selsyn direction indicator at the remote control box. Relay switching of the 3 driven loops into one feedline - switch included in the rotator control box. Fiberglass spreaders have survived wind and ice storms during almost 30 years.

Whoever wants this antenna may have it for taking it down and hauling it away. I will help with getting it down, dis-assembling,

and getting you all the hardware, control box, feedline, control cable, etc. - even the block-and-tackle that I use for raising and lowering the tower.

I will be glad for someone to get some use out of this antenna. If someone in your club is interested, please let me know.

L. Dwight Farringer KF9LS 260-982-2844

## FWDXA cont'd.

to fit on a piece of pipe and be turned by a TV rotator.

## Get Involved in a New Facet of Amateur Radio

While you're waiting for the higher bands to come back, you may want to try a new facet of Amateur Radio. How about RTTY? Or SSTV? Or moonbounce? Or maybe even get back into the public service aspect by checking into local and regional traffic nets.

## Fix and Upgrade Your Antennas

With a couple years before the higher bands come back, maybe this is a good time to fix your existing antennas or start planning antenna upgrades. In the upgrade area, a monoband Yagi for your favorite higher band would be a great improvement to your station capabilities. A 10m monobander, for example, would be a great starting point - and it would be a good performer in future ARRL 10m contests when the sunspots come back.

## Dig Into a Technical Book

It's always good to learn new stuff - or brush up on material you once knew but are rusty with. Some good examples include receiver design and performance issues, and propagation issues. There are several good books on both of these topics, so check out the ARRL and CQ bookstores (as a start).



## ECHO LINK Info

ECHO LINK NODE:

maintained by: KB9RLW  
Simplex Frequency: 145.700 FM only  
Node number: 16686  
Random connection: dial "00"  
Hang up or disconnect: dial "#"  
Identify: dial "\*"

## Membership Application for ACARTS - and/or - FWRC

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP : \_\_\_\_\_-4\_\_\_\_\_ 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 \$12.00/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 members <sup>1</sup>  \$6.00 / year
  - Student membership <sup>2</sup>  \$6.00 / year
  - Associate membership <sup>3</sup>  \$6.00 / year
- (New Regular memberships are \$1/month)

### Fort Wayne Radio Club Dues

- Regular membership  \$15.00 / year
  - Family membership <sup>1</sup>  \$21.00 / year
  - Student membership <sup>2</sup>  \$6.00 / year
  - Associate membership <sup>3</sup>  \$15.00 / year
  - Mailed newsletter premium  \$12.00 / 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
4. 9 digit ZIP code required for US bulk mail

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

ACARTS  
PO Box 10342  
Fort Wayne, IN 46851

Fort Wayne Radio Club.  
PO Box 15127  
Fort Wayne, IN 46885

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

### **ACARTS Voice Repeaters**

- 146.880 (-) General use / Skywarn priority
- 147.255 (+) General use / Autopatch priority\*
- 443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

### **ACARTS Digital Repeaters (digipeaters)**

- 144.390 (s) APRS - wide

### **Fort Wayne Radio Club Repeaters**

- Voice: 146.76 (-) General use
- 146.94 (-) General use with autopatch
- 146.91 (-) EchoLink connection repeater  
Node number 16636
- 444.875 (+) General use
- ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

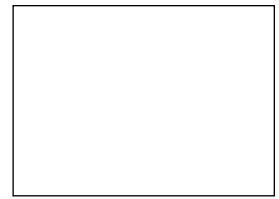
### **Area Traffic Nets**

- (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 p.m. on 147.015+
  - 21 Repeater Group:** meets each Wednesday at 9 p.m. on 147.150
  - Help and Swap Net:** Mondays at 9:00 p.m. 146.94(-)
  - 6 Meter SSB/AM Net:** 2nd & last Tuesday of the month at 8:00 pm  
EDT or EST on 50.580 MHz Net controls: K9RFZ & W9SAN

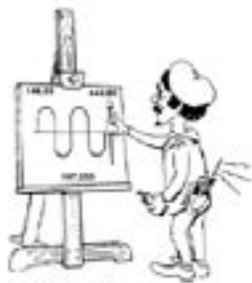
### **Miscellaneous Nets**

- Huntington ARES:** Saturday at 8:00 p.m. on 146.685
- Whitley Co. / ARES:** Wednesdays at 7:15 p.m. on 145.270 (Note 131.8 PL disabled for all nets)
- Whitley Co. Sunday:** Sundays at 7:45 p.m. on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)
- 160 Meter "No-Name" Net:** Sunday 8:00 PM Indiana time, 1966 kHz, Wednesday 3866 KHz. Everyone welcome! Contact Larry Temenoff, KB9OS for more info.

Allen County HamNews  
 PO BOX 10342  
 FORT WAYNE, IN 46851



TO:



WSINX/R



### Activities Calendar

Date	Time	Event	Place
		No meeting in July	ACARTS Board Meeting
		No meeting in July	ACARTS General Meeting
7/20/07	7:00 PM	FWRC Meeting	GSUMC
8/3/07	---	deadline for Aug. ACHN items	
8/6/07	6:30 PM	Foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
8/7/07	7:00 PM	FWRC Board Meeting	GSUMC
8/14/07	7:30 PM	ACARTS Board Meeting	Salvation Army Center
8/17/07	6:00 PM	FWRC Tailgate Hamfest	GSUMC parking lot
8/18/07	1:00 PM	ACARTS Picnic	TBA
9/7/07	---	deadline for Sep. ACHN items	
9/10/07	6:30 PM	Foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
9/11/07	7:00 PM	FWRC Board Meeting	GSUMC
9/11/07	7:30 PM	ACARTS Board Meeting	Salvation Army Center
9/18/07	7:30 PM	ACARTS General Meeting	Salvation Army Center
9/21/07	7:00 PM	FWRC Meeting	GSUMC
10/1/07	6:30 PM	Foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
10/5/07	---	deadline for Oct. ACHN items	