# Allen County HamNews Fort Wayne Radio Club Allen County Amateur Radio Technical Society

June 2010

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Volume 11 Issue 6

# Fort Wayne Radio Club Field Day Operations

The Fort Wayne Radio Club plans to participate in ARRL Field Day, June 26 and 27 by setting up temporary operations at the Veteran's National Memorial Shrine, 2122 O'Day Road, Fort Wayne (See map below). The public is invited to visit the site and view the operations, which will run from 2:00 p.m. EDT Saturday continuously until 2:00 p.m. EDT Sunday.

Club Communications Manager Steve Nardin, W9SAN advised that setup will probably begin at approximately 9 a.m. EDT. Nardin says the club plans either a carry-in cookout meal, or the tradition-



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al Hog Roast catered by Jamison's, at the site Saturday evening, June 26. Either way, please plan to bring your favorite side dish or dessert.

The club plans to use call sign W9TE during Field Day.

For more information about the Fort Wayne Radio Club's Field Day operation, contact Nardin at w9san(AT)arrl(DOT)net.

Also, this year will see the return of QRP night on Friday night, June 25<sup>th</sup>, starting at 7:00 p.m. at the Shrine. Bring out your favorite rig, low power, high power, any mode, and enjoy operating before the big event. It is a great way to get set up in advance as

well. Hope to see everyone out there. Check the local repeaters for talk-in directions!

THATORE the WORLD

Steve, W9SAN

# NOTE: Also see the article on the ARRL VHF QSO Party on page 3.

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 the July issue is Friday, 7/2/2010.

# **Internet Home Pages:**

Fort Wayne Radio Club:

http://www.FWRC.info/ http://groups.yahoo.com/group/FWRC/

ACARTS: http://www.acarts.com

Ft. Wayne DX Asoc.: 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/

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## **Officers**

#### President:

Tom Baker N9TB 747-2714 n9tb at arrl.net

#### Vice President:

Woody Woodbury KC9CGN 632-4083 woody922 at netzero.net

#### Secretary:

Al Burke WB9SSE 637-1989 aburke55 at comcast. net

#### Treasurer:

Bob Streeter W8ST 672-9737 w8st at arrl.net

# Communications

Manager: Steve Nardin

W9SAN 482-4039 w9san at arrl.net

## Board of Directors

Carole Burke WB9RUS 637-1989 wb9rus at comcast.net

Terry Bowman K9FMX 493-7177 tjbowman at verizon.net

Charles Ward KC9MUT 749-4824 kc9mut at yahoo.com

Vic Guess WB9UZA 485-7472 wb9uza at arrl.net



# **President's Corner**



I want to thank everyone that came to our annual May Spring Banquet. The turnout was fantastic and everyone had a great time. I also need to thank Carole Burke,

WB9RUS, for the planning that she did for the anniversary the cake. The 90<sup>th</sup> anniversary cake was beautifully done. With the Fort Wayne Radio Club logo on the cake we almost did not want to cut it; but, we were glad we did because it was as delicious as it was beautiful.

The June general meeting will be Friday June 18<sup>th</sup> at 7:00 PM with the program the final planning session for Field Day 2010 which will be on June 26<sup>th</sup> and 27<sup>th</sup>. I'm sure that at times the process of selecting the field day site looked awkward; but there were any number of factors outside our control that caused the delays in finalizing the field day location.

This year's location will be the Veterans National Memorial Shrine. The shrine is located at 2122 O'Day road just west of the fort Wayne City Limits. It is easily accessible by either going west on US30 and turning south on O'Day road or going west on Bass Road, turning right on Yellow River Road, then turning right on O'Day road. It is on the east side of O'Day road and is the first drive north of Yellow River Road.

There is a nice covered picnic shelter with a west facing wall to protect from the weather and electricity that we can use for our Saturday evening meal preparation. The various memorial locations are off limits to field day setups but I encourage you to visit them and spend some time remembering those who have given their service, and in many cases their lives, for our freedom. The rest of the facility is open to use and I expect our setup to be much more spread out than in the past few years.

We will be able to starting setting up Friday night the 25<sup>th</sup> and again have our popular QRP night on Friday night. We will have camping setup in the field that the Shrine uses for their overflow parking. There is also an area that is already setup with a fire ring for a nice large campfire. The fire ring is the only place we can have a fire on the ground; although grills are allowed.

Overall the benefits outweigh the disadvantages and I think this will provide us with a great location for a really fun weekend.

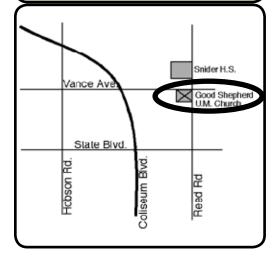
Also, don't forget our ARRL June VHF Contest setup at IPFW for June 12<sup>th</sup> and 13<sup>th</sup>. We will be setup on the front parking garage with operation planned for the 24 hours of VHF fun. We will plan on being on the air by mid-afternoon Saturday.

Of course all of these operating activities are open to everyone, not just club members.

See you at the meeting on Field Day Final Preparation on the 18<sup>th</sup> at 7:00 PM.

Tom / N9TB

# FWRC General Meeting June 18, 7:00 p.m. Program: Field Day prep.



# **ARRL VHF QSO Party**

The FWRC will be participating in the ARRL VHF QSO Party. This will run from approx 9 a.m. on Saturday, June12<sup>th</sup> through shut down on Sunday, June 13<sup>th</sup>, probably after about 3 p.m. We will be operating on 6 m, 2 m, and 70 cm bands. Also, we wish to run a 90<sup>th</sup> anniversary special event station, W9TE/90, during the contest to spread the word about our club, and pick up some more QSL's! Operation will be from the South Parking Garage roof, to give us a height advantage. (40 foot towers on top of a 44 foot structure!)

73, Steve, W9SAN

# **FWRC Spring Banquet**

photos by KC9HIU, KU8T, WB9YBI, and WB9UZA

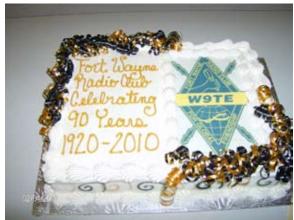














<u>more photos on page 7</u>

# 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 OPEN

#### 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 OPEN

# 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**



Here it is June already and the year is almost half over. Where has the time gone? Not a whole lot to

talk about this month. This month's program will be about antennas and will be given by Adolph Wozniak, WA9WTJ. He will talk about different antennas and some unusual ones. A reminder that there will not be any meetings in July, as we take a little vacation. Be sure to mark your calendars for August 21<sup>st</sup>. That is the day of our family picnic which will be held at the QTH of Jim Boyer, KB9IH.

I spotted a cherry tomato plant growing by itself. Sometimes they fall and are eaten by the birds, and seeds are left behind. If you are lucky they will grow. That save me the chore of buying and planting some. My strawberry patch is producing and there are more than I can eat. I have given up on my cherry tree. It is small at only 5 feet tall. The birds get to the ripe ones before I can. I am still recovering from my second surgery. I will also be seeing some specialists for chemo and radiation. I will know more after some tests and talking to them what kind of treatments I will need. That is all I have for this month. See you at the general meeting.

73, Vic, KA9LTV



# **ACARTS June Program**

The program for June will be about antennas. It will be presented by Adolph Wozniak, WA9WTJ. He will include different antennas and some unusual ones.



# **Meeting Schedule**

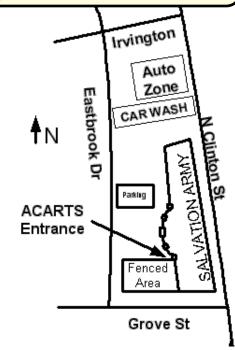
**ACARTS General Meeting:** 

6/15/10 7:00 p.m.

**Program**: Unusual Antennas by Adolph Wozniak, WA9WTJ

Next Board Meeting: 6/8/10, 7:00

p.m.



# May 2010 ACARTS Board and General Meeting Minutes

The Board and Gerenal meetings were combined because of a conflict with the Salvation Army on the regular Board meeting date.

The meeting was called to order by Vic, KA9LTV.

Vic stated that he is still working on getting a program for the June meeting. He added that there would be no meetings in July and that the August meeting would be the annual picnic.

No other business was discussed.

After refreshments, "Electric Skies", a video on lightening that was produced by The Learning Channel was shown.

Submitted by Dave Lindquist, W9LKH

# Tech Test Gets a Little More Technical - Dan Romanchik, KB6NU



Ever since the FCC dropped the code requirement and the Novice license exam, the Technician Class license has really been misnamed. Being the first license that most hams obtain, it really should have been called the Novice license. The question pool was arguably at the appropriate level for

newcomers to amateur radio, being heavy on rules and operating practices, and perhaps a little light on technical topics.

That's about to change. On July 1, 2010, the question pool for the Tech test changes, and this version has noticeably more technical questions than the previous test. You could say that the Tech test is getting, errrr, a little more technical.

For example, the new question pool contains more questions about electronics components and their functions. In addition to that, examinees must also be able to identify the symbols for these components on a schematic diagram. This is a big change from the previous test, which had no diagrams at all. There are also more detailed questions about transistors and how they work.

There are also questions on how to make basic measurements with a multimeter how to troubleshoot basic problems that Technicians are likely to encounter. One question asks, "What two measurements are com-

monly made using a multimeter"? Answer: voltage and resistance. A follow up question asks, "What is the correct way to connect a voltmeter to a circuit"? Answer: in parallel with the circuit.

To make room for these questions, the committee dropped questions on operating practices and rules and regulations. In general, these are

not big losses, but two questions that I was sorry to see go are the questions on the "basis and purpose" of amateur radio. I think these are very important for new amateurs to learn and keep in mind. (If you don't recall them, go to http://www.arrl.org/part-97-amateur-radio and review them.)

By the time you read this--or shortly thereafter--the new version of my No-Nonsense, Technician Class License Study Guide should be available. You can download it free of charge from my website, www.kb6nu. com. Look for the link in the right-hand column. It's currently in the hands of more than two dozen reviewers, who are proofreading it right now.

While it may not be in the initial release, I plan to include a section that contains links to websites that cover topics included in the study guide. That way, students can find more information on a topic, if they choose to do so. If you have any favorite websites that discuss making measurements with voltmeters or how to read schematic diagrams, I'd love to hear from you.

- - -

When not updating his No-Nonsense amateur radio license study guides, you'll find him on 40 m, 30 m, 20 m, and if we ever get any sunspots to stick around, 15 m and 10 m pounding brass. You may even hear him trying to get the hang of using the bug he bought at Dayton this year. You'll find his blog at www.kb6nu.com, and you can e-mail website suggestions to cwgeek@kb6nu.com

On July 1, 2010, the question pool for the Tech test changes, and this version has noticeably more technical questions than the previous test.

# Correlation Between Sunspot Number and Solar Flux - Carl Luetzelschwab K9LA



# Ft Wayne DX Association

The February 2010 column reviewed the progress of Cycle 24. That column summed it up by saying Cycle 24 appears to be picking up

steam. Now is a good time to review the correlation between sunspot number and 10.7 cm solar flux, which are two parameters used to determine solar activity and to predict propagation.

An important difference in these two parameters is that the sunspot number is a visual measurement and requires a bit of human interpretation - in other words, the sunspot number is somewhat subjective. The 10.7 cm solar flux is much more objective, as it is a measurement of solar radiation at a wavelength of 10.7 cm (2800 MHz). Unfortunately, radiation at 10.7 cm has nothing to do with the ionization process, as its energy is too low to ionize any atmospheric constituent. For that matter, both of these parameters are proxies for the true ionizing radiation.

Let's first look at the correlation between daily values of sunspot number and 10.7 cm solar flux. The top plot in the accompanying figure does this using a scatter plot of the daily sunspot number and the daily solar flux for June 2000.

The red line is a best-fit linear trend line, and the R-squared value in the upper right corner of the plot tells us how well correlated the daily values are using this linear trend line. An R-squared of 1 indicates perfect correlation, and for this condition all the data points would fall right on the trend line. An R-squared of 0 indicates no correlation, and the data points would be widely scattered about the trend line.

With an R-squared of 0.4905, we conclude that the daily sunspot number and the daily solar flux are somewhat correlated. Can it be better? Yes - we can use monthly mean values of the sunspot number and 10.7 cm solar flux. Doing that for data from January 1999 through December 2001 gives an R-squared of 0.7082. That's certainly better than the daily correlation, but it can be even better using smoothed values that are calculated from monthly mean data from the desired month and data from 6

months before and after the desired month. Doing a scatter plot of this smoothed data for July 1999 through June 2001 gives the bottom plot of the accompanying figure.

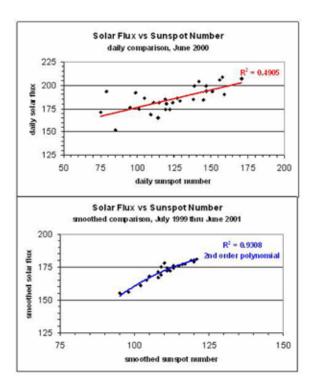
The trend line is now a second-order polynomial with an R-squared of 0.9308. This very high correlation between smoothed sunspot number and smoothed solar flux using a second-order polynomial trend line is the basis for the equations seen in our propagation literature. Using F10.7 for the smoothed solar flux and R12 for the smoothed sunspot number, we have

$$F10.7 = 63.75 + 0.728(R12) + 0.00089(R12)^2$$
 or

$$R12 = (93918.4 + 1117.3(F10.7))^{1/2} - 406.37$$

It is important to note that these two equations are intended to be used with smoothed values. Using these equations to convert from daily sunspot number to daily solar flux (or vice versa) will result in much uncertainty, which can be easily seen in the top plot of the accompanying figure. For example, a daily 10.7 cm solar flux of 195 could be a daily sunspot number of anywhere between 80 and 150.

Next month we'll look at the correlation of sunspot number and solar flux to the actual ionization.



# more FWRC Spring Banquet photos



















# For Sale & Wanted

For Sale:

From the estate of Terence M Lee, N9ZNZ:

- 5 rechargeable battery packs for HTX-202, condition unknown
- 12 V, 2.5 A power supply, Radio Shack Cat. No. 22-120A

make offer.

# Books & tapes:

- ARRL Opererating Manual, 5th edition
- Novice & Tech Class Theory, 2nd edition by Gordon West
- General Class FCC License Prep., 2nd edition by Gordon West
- General Class FCC License Prep. cassette tapes (goes with above book)
- 1995-96 ARRL Repeater Directory
- Fort Wayne Radio Club Handbook Make offer, contact Vic, WB9UZA, 260-485-7472, wb9uza (at) arrl.net

\* \* \*

### For Sale:

- Yaesu VX-1R Dual Band HT, with 2 Li-Ion batteries, & leather case. Perfect for pocket or purse, \$90 "3.2" x 1.9" x 1", just over 4 ounces, the VX-1R provides superb local communications at a power level of 500 mW or 1 W, impressive memory and scanning capabilities, wideband receive capability, AM broadcast, FM broadcast, AM aircraft band, and public safety channels."
- Palm IIIxe PDA, \$15

Call Vic, WB9UZA, 260-485-7472, wb9uza (at) arrl.net

\* \* \*

# For Sale:

\$120+ worth of slightly out of date ARRL books for \$35.00. Not dogeared and in nice condition. Disabled ham needs to dispose of them.

1989 ARRL Handbook

1991 ARRL Antenna Book

1989 Operating Manual

1991 Radio Buyers Sourcebook

1997 Hints and Kinks

1991 Now Your Talking (with Tech exam)

1991 RSGB Practical Wire Antennas

Wm. I Orr, "VHF Handbook"

A very useful library of ARRL publications for the Novice or aspiring ham at an attractive price!

Francis Barr, W9ETT for Lowell Yohe, WA9DRQ, 260-982-0607 or efbarr@gmail.com

# **May Foxhunt Photos**

Photos by Jim Pliett, K9OMA









# **Test Points**

06/12/2010 | Van Wert OH 45891-

1876

Sponsor: Unsponsored

Location: Van Wert County EMA

Time: 2:00 PM (No walk-ins)

06/22/2010 | Marion IN 46952-9999 Sponsor: Grant County ARC

Location: Marion Community Science and Tech Building

Time: 5:00 PM (No walk-ins)

06/25/2010 | Archbold OH 43502-1252 Sponsor: Fulton Cty Radio Club Location: Archbold Police Department Time: 9:30 AM (Walk-ins allowed)

07/08/2010 | Goshen IN 46525 Sponsor: Goshen ARC

Location: www.goshenarc.org/ve\_testing.html

Time: 7:00 PM (Walk-ins allowed)

07/27/2010 | Marion IN 46952-9999 Sponsor: Grant County ARC

Location: Marion Community Science and Tech Building

Time: 5:00 PM (No walk-ins)

07/31/2010 | Archbold OH 43502-1252 Sponsor: Fulton Cty Radio Club Location: Archbold Police Department Time: 9:30 AM (Walk-ins allowed)

07/31/2010 | Columbia City IN 46725-2040 Sponsor: W5YI-VEC -- Whitley County ARC

Location: Eagles # 1906

Time: 9:00 AM (Walk-ins allowed)

08/24/2010 | Marion IN 46952-9999 Sponsor: Grant County ARC

Location: Marion Community Science and Tech Building

Time: 5:00 PM (No walk-ins)

08/28/2010 | Archbold OH 43502-1252 Sponsor: Fulton Cty Radio Club Location: Archbold Police Department Time: 9:30 AM (Walk-ins allowed)

09/11/2010 | Van Wert OH 45891-1876

Sponsor: Unsponsored

Location: Van Wert County EMA Time: 2:00 PM (No walk-ins)

09/25/2010 | Archbold OH 43502-1252 Sponsor: Fulton Cty Radio Club Location: Archbold Police Department Time: 9:30 AM (Walk-ins allowed)

09/28/2010 | Marion IN 46952-9999 Sponsor: Grant County ARC

Location: Marion Community Science and Tech Building

Time: 5:00 PM (No walk-ins)

# **IPFW Repeater And "No-name" Net Summer Hours Schedule**

The IPFW repeater is now permanently on the air(hopefully) at 146.91. This repeater will be used to crossband linking and also will be used for echolink.

The modified schedule for the "No-Name" net is Sunday evenings at 9:00 p.m. on the frequency of 1.968 MHz and a second schedule will be on Wednesday evening at 9:00 p.m. on 3.768 MHz. This schedule will start Memorial day through Labor day. All of these nets will be re-broadcasted on the IPFW repeater.

Larry Temenoff, KB9OS

## 2010 Foxhunt Schedule

Jan.	No hunt	12 July	6:30 pm
14 Feb	1:30 pm	9 Aug	6:30 pm
7 Mar	1:30 pm	13 Sep	6:30 pm
11Apr	1:30 pm	3 Oct	1:30 pm
3 May	6:30 pm	7 Nov	1:30 pm
7 June	6:30 pm	Dec.	No hunt

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

# **Regional Hamfests**

<b>Date</b>	Location	Contact Phone	URL or E-mail
19 Jun 2010	Midland, MI	989-488-4337	http://www.w8kea.org
19 Jun 2010	Milford, OH	513-831-6255	http://www.w8mrc.com
20 Jun 2010	Wheaton, IL	708 485-5481	http://K9ONA.com
20 Jun 2010	Monroe, MI	734-242-9487	http://www.mcrca.org
10 Jul 2010	Indianapolis, IN	317-261-6658	http://www.indyhamfest.com
17 Jul 2010	Elyria, OH	216-398-8858	http://www.noars.net
18 Jul 2010	Van Wert, OH		http://w8fy.org

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

# The Foxhunt Chronicles May 2010 - Al Burke, WB9SSE

The 4<sup>th</sup> Foxhunt of the 2010 season was held on Wednesday evening, the 12<sup>th</sup> of May. It had been scheduled for the 3rd but a monsoon swept into Fort Wayne that evening and thoroughly disrupted our foxhunting plans. Why, I swear I saw a frog walking through the Off-Track Betting Parlor parking lot with an aqualung slung over it's back! Well, everyone agreed to postpone things until the 12<sup>th</sup>. On that evening the weather was perfect, the temperature was in the 70's & the sky was part cloudy, part clear. All in all a beautiful day, tailor-made for a fox hunt.

The May hunters consisted of three teams including Jim & Kim Machamer, KB9's DOT & DOS, Woody Woodbury, KC9CGN, and Charles Ward, KC-9MUT.

For this adventure the role of the fox was provided by Jim and Annie Pliett, K90MA & KC9YYI, and by Carole and Al Burke, WB9RUS & WB9SSE. Annie and Carole (not Jim & Al, no, no,... Annie & Carole) concocted an evil plan where-by the fox would be located essentially in the Off-Track Betting Parlor parking lot, i.e., the starting point for the foxhunters! (Women can be so cruel). While Jim & Al argued vociferously against this dastardly concept, the ladies threatened to quite cooking and force us to watch the 24-hour Oprah marathon on the "O" channel the following weekend. What could we do? We had to come up with a technical solution to this problem or starve and go brain dead watching Oprah.

So we decided to run our cross-band H/T on low power and pad the output down about 30 db to produce a weak signal with a very low third harmonic content. Then we placed the H/T in the back seat of a stretch cab pick-up truck borrowed from Al's son-in-law inside a cardboard box, but with the Fox mascot sitting along side the box. The pick-up was parked about 50 feet from the spot where the foxhunters parked at the beginning of a hunt. Field-testing indicated that you had get within 10 to 15 feet of the truck to have any hope of hearing the third harmonic.

We placed a 2<sup>nd</sup> fox in the weeds behind the Gan-

der Mountain Sporting Goods store adjacent to the Off-Track Betting Parlor parking lot, and we placed ourselves in Carole's car in the Gander Mountain parking lot so we could observe Fox/pick-up truck and the ensuing foxhunter activities.

We used the 2<sup>nd</sup> fox for the first transmission to confuse the hunters so that they raced out of the parking lot like rabid dogs and scattered to the winds. (Annie and Carole's plan, not ours. Do you know that women actually cackle)? After that we used a mobile R/T at about 50 watts running on a roof-mounted monopole until the hunters finally wandered back in and around the Off-Track Parlor parking lot. This took an amazing amount of time, about an hour and a half. All three hunting teams walked around and about the pick-up but could not seem to find the fox. We were yelling and screaming inside Carole's car, but of course the hunters couldn't hear us.

Finally, Kim Machamer looked inside the rear window of the pick-up so we concluded that she had found the fox. Following that, both Charles and Woody decided that the pick-up just had to be the repository of the fox. Because of this unique situation, the fox scorer, (me) had to decide how to score this one. I concluded that Kim's team should receive three points and both Charles and Woody should be awarded 2 points. So that's how the scoring resolved itself.

Being that it had taken so long to find the (first) fox, it was decided not to initiate a hunt for the 2<sup>nd</sup> fox. So everyone departed for the Coldwater Ave. Steak-N-Shake and pigged-out on various goodies.

This being the case, the next foxhunt should occur on Monday, June 7 with Jim & Kim Machamer serving as the fox. It will start as usual from the Off-Track Betting Parlor parking lot at 6:30 p.m. Hope to see you there.

Respectively submitted,

Al Burke, WB9SSE

### **Year To Date Foxhunt Scores**

K9OMA 12.5	KA9YYI 12.5	WB9SSE 12.5	WB9RUS 12.5	W9SAN 4	KC9CGN 7.5	WB9YBI 0			KB9DOT 11
KC9AFE 4	KC9MUT 11	AB9IZ 0			KC9PUY 0		N9UWR 6	KC9EZP	

Membership Application for	or $\square$ ACA	RTS - and/o	r - 🗖 FWRC		
Name:					
	reet address: City:				
State: ZIP:4 Phone #: (	)	Unlisted	1? □ 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 \$17.00/yr. premium.  How would you like your newsletter delivered?					
A.C.A.R.T.S. Dues		<u>Fort Wayne Ra</u>	dio Club Dues		
Regular membership Additional family members   \$\square \text{\$12.00 / year}\$ \$6.00 / year	Regular	membership 1 nembership 2 nembership 3	□ \$15.00 / year		
Student membership <sup>2</sup>	Family n	nembership <sup>1</sup>	□ \$21.00 / year		
Associate membership <sup>3</sup>	Associate	e membershin <sup>3</sup>	□ \$0.00 / year		
	Mailed n	ewsletter premium	□ \$17.00 / year		
(New Regular memberships are \$1/month)	(Members	ships 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	Fort Way	ne Radio Club.			
PO Box 10342	PO Box 1	5127			
Fort Wayne, IN 46851	Fort Way	ne, 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

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 16636

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

## **Area Traffic Nets**

(please submit any changes or corrections to the editor)

444.875 (+) General use

**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(-)

6 Meter SSB/AM Net: Tue. at 8:00 p.m. on 50.580 MHz

Daily Indiana Traffic Net 3.910 @ 8:30 a.m. & 4:30 p.m. local

times

Daily (QIN) Indiana Section CW net 3.535 @ 9:30 a.m. & 7:00 p.m. local times

### **Miscellaneous Nets**

**Allen Co. ARES Training Net:** Tue. at 9:00 p.m. on 146.94-**Emergency Preparedness Net:** Thu. at 9:00 p.m. on 146.88-

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: Sun. 9:00 p.m. Indiana time 1..968 MHz., Wed. 9:00 p.m. on 3.768 MHz. Cross-band link on 146.91 MHz. Contact Larry Temenoff, KB9OS for more info.

Little Red Barn Net: M, W, F @ 8:30 a.m. on 3820 kHz. Net control is K9ODF

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 FW Area Student Net: Wed. 10:00 p.m. on 146.94-

Allen County HamNews PO BOX 10342 FORT WAYNE, IN 46851

# TO:







# **Activities Calendar**

		7	
<b>Date</b>	<u>Time</u>	<b>Event</b>	<u>Place</u>
6/7/10	6:30 PM	foxhunt off track bettin	g parking lot, Washington Ctr. & Lima Rds.
6/8/10	7:00 PM	FWRC Board Meeting	GSUMC
6/8/10	7:00 PM	ACARTS Board Meeting	Salvation Army Center
6/12-13/10	2:00 PM	VHF QSO Party	top of south IPFW parking garage
6/15/10	7:00 PM	ACARTS General Meeting	Salvation Army Center
6/18/10	7:00 PM	FWRC Meeting	GSUMC
6/26-27/10		Field Day	Veteran's Memorial 2122 O'Day Rd.
7/2/10	>	deadline for July ACHN items	
7/6/10	7:00 PM	FWRC Board Meeting	GSUMC
7/12/10	6:30 PM	foxhunt off track bettin	g parking lot, Washington Ctr. & Lima Rds.
7/16/10	7:00 PM	FWRC Meeting	GSUMC
8/6/10	>	deadline for Aug. ACHN items	
8/9/10	6:30 PM	foxhunt off track bettin	g parking lot, Washington Ctr. & Lima Rds.
8/10/10	7:00 PM	FWRC Board Meeting	GSUMC
8/10/10	7:00 PM	ACARTS Board Meeting	Salvation Army Center
8/20/10	6:00 PM	FWRC Tailgate Hamfest	GSMC parking lot
8/21/10	12:00 PM	ACARTS Family Picnic	QTH of Jim Boyer, KB9IH