

Program Meeting

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Wednesday July 24

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TTTTT	AAA	RRRR	AAA	President	N9ZND	Jim Darling
T	A A	R R	A A	Vice-Pres	WB9SWD	Curtis Sherwin
T	AAAAA	RRRR	AAAAA	Secretary	KB9RLT	Jim Haynes
T	A A	R R	A A	Treasurer	WB9BRX	Dave Dull
T	A A	R R	A A	Director	N9GKE	Bruce Stewart
				Hamfest	WB9BRX	David Dull
				www.w9reg.org		

TTTTT	AAA	TTTTT	TTTTT	L	EEEE	RRRR
T	A A	T	T	L	E	R R
T	AAAAA	T	T	L	EEEE	RRRR
T	A A	T	T	L	E	R R
T	A A	T	T	LLLLL	EBEEE	R R

COMING EVENTS

- 21JUL02 SUN 0800 Fox River Radio League Hamfest, Waubonsee Community College, 5 mile NW of Aurora, commercial dealers, VE Session @ 10AM, overnight camping, free parking, Talk-in 147.21 (103.5/107.2 Hz), \$5.00 (w9cco@arrl.net; www.frri.org/hamfest.html)
- 21JUL02 SUN 0800-1500 Van Wert ARC Hamfest, County Fairgrounds, free outdoor trunk sales, Talk-in 146.85, \$5.00 (barnesrl@bright.net; www.w8fy.com)
- 24JUL02 WED 1930 Program Meeting,
- 27JUL02 SAT 0800-1400 OH-KY-INB ARS Hamfest, Diamond Oaks Career Development Center, 6375 Harrison Road, approximately 1 mile SE of Rybolt Road/Harrison Road Exit from I74, Exit 11, Technical & ARRL Forums, transmitter hunt, DXCC card checking, indoor vendors, outdoor flea market, VE Sessions @ 8AM, free parking, Talk-in 146.67, 146.925, \$6.00 (wd8jaw@arrl.net; www.ihkyin.org)
- 13AUG02 TUE 1930 Business Meeting
- 11AUG02 SAT 0730-1300 Kokomo & Grant County ARCs Hamfest, Greentown, VE Session, Talk-in 146.79 & 147.24, \$5.00 (www.grantarc.com/greentown.html)
- 11AUG02 SAT 0600 Hamfesters Radio Club Hamfest, Peotone, IL, VE sessions 0900-1200, free paved parking, Talk-in 147.33 & 224.54, \$5.00 (wb9wfr@arrl.net)
- 18AUG02 SUN **LAFAYETTE HAMFEST
ALWAYS 3RD SUNDAY IN AUGUST**
- 24AUG02 SAT Wabash River Cyle Club Ride
Check-in with Jeff Stewart to volunteer
- 24AUG02 SAT Laporte Hamfest
- 25AUG02 SUN Vermilion County ARC Hamfest, @ their clubhouse, Woodbury Hill Road, Danville, IL, (KB9RBE@YAHOO.COM)
- 28AUG02 WED 1930 Program Meeting,
- 6SEP02 FRI 1830 VEC Testing, @ EMA building on SR17, 2 mile north of Logansport. Bring proper ID & proof of any elements previously passed. For more info, contact N9EQT.
- 7SEP02 SAT 0800-1500 Owen County ARA & Bloomington ARC Hamfesfest at Owen County Fairgrounds, free tailgating, forums, contests, VE Sessions, Talk-in 146.985, \$3.00 (w9inl@yahoo.com; www.bloomingtonradio.org/hamfest)
- 8SEP02 SUN 0800-1500 Findlay (Ohio) RC Hamfest, Hancock County

TARA Meeting July 9, 2002

President Jim Darling began the meeting in an unusual way this month. He resigned. The reasons he cited revolved mainly around Field Day and the sale of the Yaesu 726. He said there was a certain amount of tension created when several members of TARA decided to participate in Field Day as the W9LDX club. The 726 sold quickly. Jim said he was accused of rigging the sale. The radio was then returned because of this accusation and the hurt feelings it caused. Jim said he accepted the president position to help improve the club and to have some fun. Since he was unable to do either he has decided to resign. Jim gave his key to Dave Dull and exited the meeting.

Vice President Curtis takes over the meeting as required. His first statement is "I don't want to be president!" Bob Finch points out that the by-laws require filling the position at the first meeting at which the vacancy is announced. Since there was no great flood of volunteers Curtis decided the remaining officers should meet before any decisions were made.

Secretary Jim Haynes read the minutes of last month's meeting. Bob Finch motioned to accept with Dave Dull seconding. The motion passed.

We move on to Dave Dull's Treasurer's Report. Dave reports the club assets at \$8648.46. \$7572.10 is in a CD due to mature on August 8th, 2002. That leaves about \$1000 available for immediate use. With the Hamfest coming up we could be a little short of cash. Dave will make the needed adjustments when the CD matures. Steve Parker motioned to accept Dave's report. Jack Freeman seconded. The motion passes.

Old Business

Bob Finch presented a report from the antenna committee. The committee is going to meet to evaluate the function of our remaining antennas. (The tower took a second strike a week prior to this meeting. The tri-band vertical now resembles modern art.) The inverted-v appears to have been damaged. There was some discussion about bringing down the Force 12 and the rotor for repair or replacement. Jack Freeman told us that a crane could cost us around \$500. There was some discussion of a different arrangement at the top of the tower, something less attractive to lightning than a pointy vertical antenna. One possibility suggested was a 6-meter beam. Bob said the antenna committee would check the lightning protectors and check tower grounding.

Secretary Jim presented the repair bill for the Icom 746 for \$85.79. Icom required a credit card number to expedite repairs. Jim oh-so-graciously provided his. His Jack Benny style of charity is asking for reimbursement. Bruce Stewart motioned to repay the tightwad. Tim Gardner seconded. The motion passed.

New Business

Dave Dull presented another victim for membership. Technician Mike Toler, N8WPO formerly of West Virginia has recently moved to Lafayette. Bruce Stewart checked to be sure his money was real and motioned to accept Mike for membership. Mike Kantz seconded and the motion carried. Welcome to Lafayette Mike.

Curtis told us that Jack Kueberth, KB9KUQ, spent \$9 for supplies for Field Day. Since Jack's membership has expired he told Curtis that he would accept the equivalent in club dues. Bob Finch motioned to re-accept Jack as a member. Bruce Stewart seconded. The motion carried. Welcome back Jack.

Tim Gardner brought up the subject of the second tower lightening strike. The Red Cross suffered damage for the second time as well. As you might guess they are not happy. The persons repairing the damage to Red Cross equipment told them that the tower was not properly grounded. The Red Cross board wants us to address the problem. Bob Finch volunteered to antenna committee to address the matter and will report later. The initial action will be to drive ground rods and bond them to each leg of the tower. Jack Freeman and Bob Finch arranged to meet and install the ground rods. As always if you have suggestions for the committee please present your ideas in a timely manner to be helpful.

Jeff Stewart reminded us of the Wabash River Cycle Club's Century Ride on August 24th. It is the weekend after the Hamfest. He can use some help with communications. Let him know you are available.

VP. Curtis gave us a brief report on Field Day this year. We had 20 members and 6 guests on site this year. There were 768 CW contacts, 14 digital, and 604 phone. Total points were 2168; with the power multiplier there were 4336. With 900 bonus points the final score was 5236 points. Curtis said this was a club best score for a 2A classification.

Curtis decided to table the dues issue one more month. We thank former president Jim for his efforts. We are looking for volunteers for the office and will be voting for a replacement next month.

We had two drawings this month. We received two tickets to the Greentown Hamfest along with a request that they be given away at our next meeting. The proud recipient was Bob Finch. This month's regular drawing pick was Charlie Williams N9VLW. Since Sir Charles was not present next month's drawing will be worth 18 dollars.

The motion to adjourn came from Steve Parker. Bruce Stewart seconded. The meeting was adjourned at 8:29 pm.

Submitted by Recording Secretary Jim Haynes.

TIPPECANOE AMATEUR RADIO ASSOCIATION

Treasurer's Report

June 1, 2002 through June 30, 2002

Income Received:

Michael E. Toler – N8WPO	6/19/02	\$6.00
Jack Freeman – Field Day Donation	6/11/02	\$20.00
Tippecanoe County Treasurer – Not for profit fee not required	6/10/02	\$2.00
Interest on Saving	6/30/02	\$.53
Total Income:		\$28.53

Disbursements:

Midwest Rental – Field Day Facilities	6/7/02	\$90.61
Copy Print Shop – 1500 Hamfest Entry Tickets	6/7/02	\$216.34
Total Disbursements:		\$306.95

Summary:

Beginning Value of CD	5/8/02	\$7572.10
Beginning Checking Account Balance	5/31/02	\$284.31
Beginning Saving Account Balance	5/31/02	\$1065.47
Beginning Cash on Hand	5/31/02	\$5.00
Beginning Assets:		\$8926.88
Ending Value of CD (Mature: 8/8/02 @ 2.43%)	5/8/02	\$7572.10
Ending Checking Account Balance	6/30/02	\$234.36
Ending Saving Account Balance	6/30/02	\$816.00
Cash on hand	6/30/02	\$26.00
Ending Assets:		\$8648.46



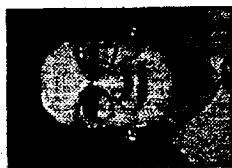
David R. Dull WB9BRX
Treasurer

Deepest sympathy to Jim Davis, WA9LYC, for the loss of his mother, Ruth P. Davis, on June 23rd. She was less than a month shy of 100 years old

DEATHS

Ruth P. Davis, 99

Ruth P. Davis, 99, of Home Hospital Extended Care, died at 8:18 p.m. Sunday, June 23, 2002, in Home Hospital.



She had been in Home Hospital Extended Care since 1994.

Born July 13, 1902, in Fountain County, she resided in Lafayette since 1988. She formerly lived in Linden.

She married F. Irvin Davis in Fountain County on Dec. 24, 1925. He died Jan. 19, 1980.

Mrs. Davis worked in food service at Purdue University Residence Halls. She also owned a grocery store in Linden from 1939 to 1953.

She was a former member of United Methodist Church in Linden, and a current member of Bethany Presbyterian Church, Lafayette. She was a 50-year plus member of Order Eastern Star, 52-year Auxiliary, a former member of Home Hospital Auxiliary, and a member of Linden-Madison Township Historical Society.

Surviving are a son, James T. Davis (wife: Elizabeth) of Lafayette; and a daughter, Margaret Ann Barton (husband: Woodrow) of Poland.

NEW MEMBER(S)

Coy, Jen Tech KC9BPF
Coy, John Tech KC9BPE
500 Sagamore Parkway West
West Lafayette, Indiana 47906
765-583-4648
coyjj@yahoo.com

Parker, Stephen M. Extra WR9A
P. O. Box 4473
Lafayette, Indiana 47903-4473
Tx Unlisted
wr9a@commsec.com

Runkle, Cheryl Tech KC9BTO
P. O. Box 4675
Lafayette, Indiana 47903-4675
Tx Unlisted
kb9bto@commsec.com

Mike Toler Tech N8WPO

PAST MEMBER RE-JOINING US
John Kueberth (Jack) KB9KUQ
1404 Holloway Drive
Lafayette, Indiana 47905
477-1019
jack.kueberth@bbs.nfe.com

CHANGE OF ADDRESS
John Martin KB9OQC
600 Jimmy Ann Drive, Apt. 2117
Daytona Beach, Florida 32114
kb9oqc@cfl.rr.com

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Attendance for July 9th, 2002

- KB9RLT Jim Haynes
- N9GKE Bruce Stewart
- KF9UP Jeff Stewart
- N9ZND Jim Darling
- N9LF Tim Gardner
- KB9VZD Mike Kantz
- WR9A Steven M Parker
- W9YA Bob Finch
- KC9BTO Cheryl Runkle
- KF9CT Jack Freeman
- WB9SWD Curtis Sherwin
- N8WPO Mike Toler

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Remember: Amateurs built the ark.
Professionals built the Titanic.

ARRL Section Manager

It is noted that on July 1st, the following change took place:

In Indiana, James S. Sellers, K9ZBM, of Middlebury, succeeded Peggy Coulter, W9JUJ, as Section Manager. Coulter had held the office since 1990. An ARRL Life Member, Sellers has been Indiana's Section Emergency Coordinator since 1991.

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More from KB9OQC

Well we made it sunny Daytona Beach. Unfortunately, it has rained almost every day we have been here so far. So much for the "Sunshine State"! There has been a little sun here and there so we have made it to the beach a time or two.

Haven't had much time for the radio since we've been here. I need to find a loop antenna for 6m SSB that I can mount in a closet. The apartment manager was not at all receptive to mounting antennas on the roof! I do have some trees outside so I may be able to sneak something up there. They only said I couldn't mount on the building - they never said anything about the trees! Who knows, I may catch someone in the Lafayette area on 6 yet... John

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Six-Meter Repeater

Received e-mail on July 12, with a deadline of July 16, but in case they did not meet their needs, and you are interested in supporting such a machine, contact Bob Lusby, K9FOH.

He states that donations will be tax deductible. The machine will be housed and owned by the Purdue Amateur Radio Club, W9YB. Tim Miller, N9DKI, will be Chief Technician.

Dana Hoggatt, KB9SSS, inquired at the end of June if we would be interested in an article on his experience(s) operating 'solo' for Field Day. We expected maybe a page or two, but he really got into it, so this will be published in parts, as postage permits. He also has a web page that is worth visiting. His presentation might be worth saving in case you get up the nerve to try it. We notice that several of his technics (that did work) are some that TARA used in the past, and abandoned, sometimes for the better, sometimes, maybe not. A/K9KRE

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Part One

Subject: Tattler Article.

Date: Monday, July 01, 2002 10:36 AM

I have a web page at: <http://www.qsl.net/kb9sss/fd-2002/fd.htm>
complete with photos. Here is the raw text.

KB9SSS Goes "Solo" for Field Day
Dana Hoggatt, KB9SSS
June 28, 2002

Introduction

WOW! I learned a lot during Field Day this year. For several years, I had been planning to go "solo". This year, I finally did it. It's one thing to help out with the club station for several years. It's something else altogether when you go "solo". I highly recommend it.

I've talked about doing FD from the nearby parking garage. While it has proven to be a better location than my own home in terms of antenna height and performance, it's lack of security makes it unsuited for a solo contest effort. A group effort would probably work out fine there.

I ended up at my father-in-law's place (Dick, KC9ST) alongside Pine Creek near Rainsville, IN. The location is quite remote, which forced me to plan carefully. It also solved many logistical problems (bed, bathroom, security, etc...) which allowed me to concentrate on the station itself. Dick, Donna, and their neighbor were very tolerant and kind, particularly when I qualified for my WAN award. My FD would not have been a success (or as much fun) without their support.

Prior to Field Day, I had set some goals for myself. Here's my self graded report card.

D+ Provide all of my own equipment, logistics, and setup

I forgot to bring my slingshot and my CW key! It was almost a total fiasco, but improvisation prevailed. I will certainly have a better checklist for the future.

A- Get on the air by 1800 UTC

My station was up and on the air by 1600 UTC, but I was 7 minutes late on making contacts. (I spent too much time in the shower)

A+ Operate for at least 20 hours

I was operating on gel-cell batteries. My power budget showed I had about 17-18 hours of juice. I felt I could possibly stretch it out to 20 hours if I was fastidious about my power consumption. I have to check my log, but I think I managed around 23 hours. Plus, I didn't completely drain my batteries in the process. My power conservation techniques worked far better than anticipated.

C+ Make at least one contact on each band (160-6)

I could not get an SWR match on my dipole for 6m, 80m, or 160m. This was surprising as 80m is one of the fundamentals on my antenna. In fact, the matching effects I saw made no sense to me, there might even be something wrong with my tuner. I have a lot of experimenting to do.

D+ Make at least one contact in each mode (SSB, PSK, CW)

Lack of a key made CW impossible. Then, I had a problem with the computer interface for PSK. I still do not know what was wrong. It worked the week before, but not in the field. More experimenting.

B+ Contact each of the continental states
(not all sections, just all 48 states)

Although I worked nearly 70 sections, I still needed KY, ND, and NV. I plan to map out my contacts later to see if I can detect an obvious antenna pattern

Technically, that gives me an overall score of B-. Lots of room for improvement. However, in terms of enjoyment, I get an A+! Along the way, I've learned a lot. At the risk of boring everyone, here are some of my observations.

Equipment

I took a pile of stuff, some of which I did not need, but heh, better safe than sorry, right? Here is a partial inventory:

- Icom IC-746 Transceiver, all band (160m - 2m), all mode
- Radio Shack speaker
- MFJ antenna tuner
- Alpha Delta DX-CC, 80/40/20/15/10, parallel dipole antenna
- Alpha Delta DX-EE, 40/20/15/10, parallel dipole antenna
- Outbacker, portable 12 ft vertical antenna (80-10m)
- 2 100Ah Powersonic gel-cell batteries
- Compaq laptop computer (logging and PSK)
- Simo 120Vac power inverter
- PSK interface
- 9 x 13 screened enclosure
- folding chair
- 700 feet of nylon rope
- 200 feet of wire for antennas
- 2 50 ft coils of RG-8 coax
- 1 100 ft coil of RG-8/U coax
- Water and snacks for 72 hours
- A whole box of misc cables, wires, tools, etc... none needed

Actually, my water supply only lasted 48 hours. It was very hot and muggy.

Two items were thought to have been packed, but are still missing:

- Sling Shot for stringing lines into trees
- CW key

One item was needed but not anticipated

- Hammer for pounding in stakes (for guy ropes)

I did not bring a table or any of my camping supplies. I used Dick's on-site lawn furniture for that.

Some of what I brought was not needed and possibly could have been trimmed back a bit, but I figured "Better save than sorry".

Stringing lines into trees

When I discovered that my slingshot was missing (it still is), I was in a quandary. I still had my 12 portable vertical as a backup, but I really wanted the dipole. I did come up with a few ideas; whether through inspiration or desperation, I don't know. First, I tied a crescent wrench to some nylon twine and swung it up about 25-30 feet. I figured I could do better. Standing on a step ladder allowed me to get a larger diameter swing, and more force. I was able to get my line 40-50 feet up, only to have it break, stranding the wrench in the tree. It's still there. I called it quits for Friday and decided to tackle the problem again in the morning.

My second idea was to use KC9ST's extension ladder as a makeshift tower. We couldn't find it. One of the geese must have run off with it.

Dick came up with the best answer. He used a fishing poll to cast a line 60 feet up; on the first attempt.

Many of you know that I have extremely poor eyesight. I discovered that even when I get a fishing line into a tree, I can not find the line on the other side. The weeds at my location were tall enough that even a broom handle might have been invisible. However, a coworker gave me an idea that I'll be working on for next year. A beeper for the shot weight or arrow. Just track down the sound, and I'll find the line. Of course, if it ever got stuck in the tree...

The 32nd
LAFAYETTE HAMFEST

Sponsored by the Tippecanoe Amateur Radio Association

*** Latest Information at: www.w9reg.org ***

*** Dave Dull, WB9BRX, 765-743-8305 ***

Sunday, August 18, 2002

8 a.m. - 2 p.m.

******* Hourly Drawings 8:30 until 1:30 (Grand Prize) *******

Tippecanoe Country Fairgrounds
Lafayette, Indiana (see map on back)



ARRL sanctioned Hamfest

Admission: \$4.00 -- Children under 12: Free -- Free Parking

W9REG TALK-IN Frequencies

147.135+ & 443.775+ [PL tone: 88.5 Hz (for both)]

License Exams – Noon at Tippecanoe County Red Cross Building
111 S. 7th Street

One Major and Several Smaller Prizes

No charge for setup space inside or tailgate (parking) space outside

Setup times: Saturday 3 – 6 pm and Sunday 6:30 – 8 am

Sorry, no overnight parking or advance ticket sales

