

F i e l d D a y A u c t i o n

Bring some stuff

Take home some stuff

If you can not do either, a

Cash donation will always do it!

Parking on the lot by us is NOT PERMITTED as Red Cross is having a "VIP" meeting at the same time

N9SUD lost \$??.?? at the May 13th meeting

2-----Drawing for \$??.\$00 June 10th-----0

TTTTT	AAA	RRRR	AAA
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President	W9YE	Bob Martin
Vice-Pres	WB9SWD	Curtis Sherwin
Secretary	KZ9Z	Howard E Koehl
Treasurer	WA9TGO	Jim Canarecci
Director	N9GKE	R Bruce Stewart

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COMING EVENTS

- 28MAY97 WED 1930 TARA PROGRAM MEETING, Field Day Auction
Start gathering your Junque
 Sorry about that, your goodies.....
- 1JUN97 SUN 1300 VE testing in Danville, IL, at the Veteran's
 Administration, 1900 East Main Street, Building 98,
 Room C-104 (2nd floor), Bill Wright 217-442-3916
- 1JUN97 SUN 0600 Princeton Hamfest & Computer Show, sponsored by Starved
 Rock RC, Bureau County Fairgrounds, free camping, park-
 ing, and outside flea market, Breakfast served 6-10,
 Lunch served 10-2, final drawing at 1400, Talk-in
 146.955 (103.5 PL), \$6.00 A/N9SBZ
- 7JUN97 SAT 4-H/FFA Ag Judging (Poultry/Livestock/Dairy)
 Contact Jeff Stewart, KF9UP, if you can help during
 any of the hours between 0700 & 1700
- 8JUN97 SUN 0600 WCARC 29th annual Hamfest, Wabash Co. 4-H Fairgrounds,
 indoor flea market, major vendors, overnight camping,
 all cash prizes, 1st=\$200. 2nd=\$100, 3rd=\$50, 4th=\$50,
 6th thru 12th=\$25 each & need not be present to win,
 Talk-in 147.63 & 442.325, \$6.00 A/N9SBZ
- 8JUN97 SUN 0800 Six Meter Club of Chicago Hamfest, at Dupage County
 Fairgrounds, Wheaton, IL (NEW LOCATION), Dealers,
 Displays, VE Session 9AM-1PM, free parking, Talk-in
 146.97 (107.2Hz), 146.52, \$5.00
- 10JUN97 TUE 1930 TARA BUSINESS MEETING
- 13JUN97 FRI 1830 VE Tests at Cass County EMA building, 2 mile north of
 Logansport on SR17, no pre-registration required.
- 10JUN97 TUE 1000-1400 Demo on Ham Radio during Veteran's week,
 at the Veteran's Home, contact KE9IT or W9YE to offer
 your support, this date is not what was reported
 last month.
- 15JUN97 SUN 0800-1200 Lake County ARC's Hamfest at the County ty Fair-
 grounds, VE session, Talk-in 147.00, 146.52, 442.075,
 \$5.00
- 25JUN97 WED 1930 TARA PROGRAM MEETING, Field Day Operations "Prep"
A/JAN QST
- 28JUN97 SAT Field Day A/JAN QST
- 29JUN97 SUN Field Day
- 8JUL97 TUE 1930 TARA BUSINESS MEETING
- 11JUL97 FRI 1830 VE Tests at Cass County EMA building, 2 mile north of
 Logansport on SR17, no pre-registration required.
- 12JUL97 SAT 0600-1700 Central Division Convention, Indianapolis, IN
- 13JUL97 SUN 0700-1300 Central Division Convention, Indianapolis, IN
 Overnight camping, homebrew contest, transmitter hunts,
 forums, commercial exhibits A/N9SBZ
- 23JUL97 WED 1930 TARA PROGRAM MEETING, digital signal processing
 by Ed Delp, N9YTE
- 3AUG97 SUN 0700-1400 Annual Land of Lakes, Angola Hamfest, sponsored
 by L/L ARC, Steuben County 4-H Fairgrounds, Crooked
 Lake, VE Testing, free parking, swimming, amusement
 park, outlet shopping malls nearby, Talk-in 147.18,
 444.350 (131.8PL), 444.900 (100.0PL), 224.94, 54.050,
 145.090 packet, \$4.00 A/N9SBZ

TARA BUSINESS MEETING

Tuesday, May 13, 1997

CALL TO ORDER

The meeting was called to order at 1930 hours by club president Bob Martin (W9YE). Those in attendance are as follows:

W5BWN, WB9CZC, N9DHH, K9FOH, N9GKE, W9IMU, KB9JDA, KB9JDE, K9KRE, KB9KUQ, KC9LI, K9LYA, WA9LYC, KB9OQC, WB9SWD, WA9TGO, KF9UP, WE9Y, W9YA, W9YE, KZ9Z

1. Howie Koehl (KZ9Z), read the minutes from the March and April meetings which were approved with the following corrections.....
 - a. The Ham Radio demonstration for Veteran's Week is on June 10th not June 24th.
 - b. Field Day Auction is being held on May 28th not May 25th.
2. Jim Canarecci, WA9TGO, gave the treasurer's report which was accepted as read and contained items such as....
 - a. Collection of dues
 - b. Payment of the trailer license plate
 - c. Interest on CD
 - d. Checking and Savings account balances with total club assets @ \$13,553.42

OLD BUSINESS

1. Bob Martin met with the Red Cross Executive Director and was given a memo covering requirements for climbing the tower for antenna work. The memo stated that requirements have been modified to read that routine maintenance is approved but for any major changes, we must submit a written request for their approval. The memo also stated some club members would be assigned keys to the building. For more in-depth information, see Bob. He will sign the letter, get her signature, and pass it to the club secretary.
2. Bruce Stewart (N9GKE) reported on insurance for the club. From Henriott Insurance we could get a policy with \$1,000,000 coverage for approximately \$200. See Bruce for any particulars. Some of the highlights of the insurance discussion....
 - a. Dave Azpell (WB9CZC) questioned if the policy would cover equipment hit by lightning. Bruce responded yes.
 - b. Jim Canarecci asked about theft coverage. Again affirmative.
 - c. Bob Finch (W9YA) asked about coverage for remote activities such as the Hamfest and Field Day. Bruce will check.
 - d. J.B. VanSickle (K9KRE) moved to invest in the policy. Tim Gardner (KB9JDE) seconded. Motion carried.
3. Bob Martin informed the group:
 - a. The Red Cross is to revamp the room where we hold meetings...
 - 1) It will be unavailable while that is happening.
 - 2) Anyone needing to use the rest room while using the ham shack will have to:
 - a) Go upstairs.
 - b) Walk through whatever meeting is taking place.
 - c) Not go around to use the side door.
 - b. Jim Canarecci questioned on future access to the ham shack if our meeting room is to be used as a classroom.
 - c. During the night of our auction (28th), the Red Cross will need the room.
 - 1) The auction will be held outside by the garage.
 - 2) Hams will have to use the street or the library lot since we won't be able to park in the Red Cross parking lot.
 - 3) You may pull into the lot, unload your equipment, and then move your vehicle out of the lot.

4. Steve Stombaugh (N9DHH) reported on the bus to Dayton Hamvention. He will need \$100 from the club treasury (voted on at last meeting) to meet final cost on the van from Lafayette Limo. It was moved and seconded to write the check.

NEW BUSINESS

1. Jeff Stewart (KF9UP) received calls for help on:
 - a. An emergency workshop from the Church Of Latter Day Saints. They would like volunteers to demonstrate Ham Radio on Saturday May 24th.
 - b. June 7th is the 4H and FFA judging activities. They need help with communication from 7 am to 3 pm.
2. Tim Gardner advised the club on the antenna/feed line situation at the club site. He presented a memo to everyone listing the current situation and the proposal to rectify it.
 - a. Bob Finch added that someone was to get some feed line from Cox Cable last year. Bruce Stewart replied that a new administration at Cox altered that.
 - b. Curtis Sherwin (WB9SWD) questioned the logistics and expense and asked the group if they new anyone who works with ham antennas not just commercial ones. Gary Reed (WE9Y) said a crane may not be needed to do the job. He will check it out.
 - c. Bob Finch suggested we go back to Cox Cable to check on some feed line which would cost less than new.
 - d. Curtis Sherwin added that a tri-bander would cost approximately \$1200. He will get pricing for ways to get the job done and report on antennas, feed line, etc., to the club at the next meeting.
3. Bob Martin received a letter from Bruce Stewart requesting volunteers for Global Fest at Morton School on Saturday August 30.
4. J.B. VanSickle informed the group on...
 - a. A little tidbit of information that a previous Dayton Hamvention grossed approximately \$837,000 and netted approximately \$34,000.
 - b. There are variances on towers being applied for to the Zoning Board. He just wanted to let us know that there is activity in that area.
5. Bob Lusby (K9FOH) asked about flyers for our Hamfest so he might hand them out at other hamfests he attends.
6. Gary Reed (WE9Y) who has moved to the Lafayette area from Ladoga visited the club and asked about joining. Bob Finch motioned to accept Gary as a new member and Jim Davis (WA9LYC) seconded. Motion carried.
7. The drawing for the May meeting would have netted Deborah Belter (N9SUD) some cash but she wasn't present.
8. It was moved and seconded that we adjourn.

Respectfully Submitted,
Howie Koehl, Secretary, KZ9Z

TIPPECANOE AMATEUR RADIO ASSOCIATION
 TREASURERS REPORT
 MAY 13, 1997

DUES RECEIVED:					
GREG DEAN	N9NWO	97,98,99	DUES	\$ 18.00	
DAVID KING	N9UFP	97	DUES	\$ 6.00	
JOHN LEATH	N9MSP	97,98	DUES	\$ 12.00	
CHARLES BENDER	WB9QOZ	97	DUES	\$ 6.00	
ROBERT SMITH	WB9VAL	97,98	DUES	\$ 12.00	
TIM MILLER	N9KDI	97,98	DUES	\$ 12.00	
NICK MILLER	KB9BZV	97,98	DUES	\$ 6.00	
DONALD MATHESON	WB6YYL	97	DUES	\$ 6.00	
JEANNETTE McDONALD	KB9LKE	97,98	DUES	\$ 12.00	
MIKE McDONALD	N9VCO	97,98	DUES	\$ 6.00	
KEVIN McDONALD		97,98	DUES	\$ 6.00	
HUBERT WOOD	N7DUK	97,98	DUES	\$ 12.00	
SCOTT RUMBLE	WB9WLU	97	DUES	\$ 6.00	
ANNA RUMBLE	KA9NYW	97	DUES	\$ 3.00	
GEORGE STINE	AA9LL	97,98,99	DUES	\$ 18.00	

OTHER INCOME RECEIVED:

INTEREST ON CD	FEB, MAR, APRIL	\$ 73.62
TOTAL INCOME		\$ 214.62

DISBURSEMENTS:

INDIANA DMV	TRAILER LICENSE PLATE	\$ 20.75
TOTAL DISBURSEMENTS		\$ 20.75
STARTING CHECKING ACCT BAL 4/8/97		\$ 217.59
STARTING SAVINGS ACCT BAL 4/8/97		\$ 7150.62
CHECKING ACCT BAL 5/13/97		\$ 349.84
SAVINGS ACCT BAL 5/13/97		\$ 7150.62
CD NOTE #5146289 BAL 5/8/97		\$ 6052.96
CASH ON HAND		\$ 0.00
TOTAL ASSETS		\$ 13553.42

RESPECTFULLY SUBMITTED
 JIM CANARECCI WA9TGO
 TREASURER

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NEW MEMBER

Gary K Reed WE9Y
 1007 North Street 742-6666
 Lafayette, Indiana 47904

Welcome!

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 de Ann Landers
 & the Lafayette Journal-Courier

DEAR ANN: Sum won tolled me wee wood knot knead two learn how too spell because computers wood dew it four us. Eye disagree. Dew ewe? --- P.E. IN ST. LOUIS PARK, MINN.

DEAR ST. LOUIS PARK: Ewe our write. Thank ewe four a good clothes look at what "progress" has dun fore education.

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 Whatever happened to the Dayton HamVention?

I have stood on 'skids', under a tent, in the flea market, and got my feet wet (soaked).

I have endured snowfall, heavy enough that you could not see the other end of the flea market.

I have seen wind-chills way below freezing.

I have seen winds high enough they were blowing the vendors 'tents' away, or at least collapsing them.

All of this since my first time in 1957.

The weather was good to great, not too crowded, and apparently their largest Friday crowd ever. K9KRE

Additional radio spectrum discovered Dick Sisson, W5ØNL

Investigators recently uncovered some lost documents from a classified research project conducted during World War II. The project has now been declassified, making this report possible. This research discovered a hitherto unknown region of electromagnetic spectrum below zero cycles per second. Although referred to in the documents as "Negacycles," this region will no doubt now be known as a "Negahertz."

Several interesting phenomena were reported concerning the properties of this region and the equipment used in the tests. The conclusion of the limited research showed, antennas of negative length, termed "imaginary antennas," performed remarkably well at these frequencies, particularly when buried "the deeper the better."

Wartime security prevented extensive evaluation of propagation in this new portion of the spectrum, but the documents indicate researchers were optimistic about its potential for meeting special communications needs. Preliminary findings did indicate the best propagation seemed to coincide with sunspot minimums.

Space limitations here do not permit inclusion of the many pages of complex mathematical calculations supporting the various conclusions in the research notes. Suffice it to say that the "j" numbers in the calculations take on a whole new meaning when applied to these frequencies.

One of the more critical problems the researchers encountered was the severe chilling of the components when running at high power on these frequencies. A number of defrosting methods were tried, but only with limited success.

The entire project was finally discontinued in mid-summer 1943, when tests conducted in the Mojave Desert ended in the loss of several members of the research team to hypothermia, exposure, and frostbite. Since all of the research was conducted entirely with vacuum tube equipment, it remains for modern day researchers to explore the impact of newer solid state technology on this problem.

-----The Chattering Relay, Cuyahoga Falls ARC, Cuyahoga Falls, OH
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Little Katie's friend Mary invited her home to dinner. Just before the meal, Mary's mother saw Katie wipe her knife on the tablecloth. Dismayed at this, she asked, "Katie, is that what you do at home?"

"Oh, no," Katie answered. "At home, we have clean knives."
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The judge said to a prospective juror, "Is there any reason you could not serve as a juror in this case?" The man responded, "I don't want to be away from my job that long."

The judge said, "Can't they do without you at work?"
The juror responded, "Yes, but I don't want them to know it."
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A student was granted an interview at a prominent medical school as part of the admissions process. "Tell me," the interviewer asked, "Where do you expect to be 10 years from now?"

"Well, let's see," the student replied. "It's Wednesday afternoon."

W9REG Antenna Proposal

Current Situation

The antenna committee has started the job of removing, repairing or replacing, then reinstalling all antennas and feed line on the tower. The work began late last fall. To date, the 2M and 440 Verticals have been removed. Further work has been delayed, pending good weather.

- The job of removing all the existing antennas, performing repairs and/or acquiring replacements, reinstalling all antennas and repairing and/or replacing all coax is a very big job.
- Antenna removal/installation is dangerous work and volunteers are scarce.
- There have been a number of discussions about the type of feed line that should be used. No consensus has been reached.
- The existing 2M beams are horizontally polarized. One (at least) needs to be vertical.
- The 2M and 440 vertical antennas are the ones most likely to be needed in a local emergency situation. The six meter antenna is unusable.
- W9REG is effectively off the air for local emergency communications.

Proposal:

- I. The antenna committee should seek bids from companies to:
 - a) Replace the coax feed line with all new cable.
 - b) Remove the existing antennas and rotor.
 - c) Install an entirely new antenna farm and rotor system.
 - d) Inspect and if necessary, paint and/or repair the tower.
- II. Present finished bids at the next business meeting, at which time the club will vote to select one bid and authorize the expenditures.

By using a crane, the tower work can be completed in one or two days. The cable work will require several more days. In this manner, the entire job can be completed in about a week.

The antenna farm should include an HF beam and both omni-directional and beam antennas for 2M, 6M and 440Mhz.

By installing only heavy duty antennas and rotor and using only stainless steel hardware (brackets, bolts, etc.), this should be the last major tower work for at least a decade.

FROM YOUR PRESIDENT:

During the meeting this week on Tuesday, May 13, several things were decided that I think the whole membership needs to know.

1. I have had a meeting with the Red Cross Executive Director concerning our tower work and any liability incurred. She indicated that the RC has only \$10,000 liability for bodily injury and medical expenses therefrom. The club voted to change our insurance coverage to a general policy with a cap of \$1 million for liability and to also cover any outside activity that we may engage in such as Field Day, Hamvention, etc. Bruce Stewart will negotiate such coverage and we have given the Treasurer authority to pay such a bill, which will amount to somewhere around \$200.00 or slightly more. This is only a little more than we are now paying for much less coverage.
2. She has asked us to use the inside stairway to use the bathroom or to get a drink, etc., instead of going to the outside door. They will no longer come to the outside door outside of regular office hours as they have had trouble with homeless, strays, etc., interrupting their meetings and making them generally uncomfortable, etc.
3. The downstairs meeting room will be remodeled soon and we may not be able to use it if it is done during one of our regularly scheduled business meetings. She will keep us posted on the dates involved.
4. Our next meeting on May 28 is our program meeting date and that day we will have our FD auction. The Red Cross will have a big meeting upstairs that night and will be using all of the parking spots for their attendees. PLEASE DO NOT park on their lot that night. The auction will be held as usual in front of the garage door and perhaps slightly inside the garage entrance. We felt it was too late to inform the membership and try to have the auction at a members house, etc.
5. Curtis Sherwin is going to give us a report next month on the antennas and will order and get the necessary materials to get the antennas in order ASAP as we are essentially off the air with our equipment at the Ham Shack at the RC until we get this done. This is to be done on a priority basis to get us back in business.
6. Jeff Stewart needs help with the Purdue 4-H/FFA meeting on June 7. Get in touch with him to volunteer if you can do so.

REMEMBER, THE FD AUCTION ON MAY 28 AT 7:30 pm. COME AND BRING YOUR STUFF/
JUNK TO CONTRIBUTE TO THE KITTY--FOR FD MONEY.

FIELD DAY AUCTION
7:30PM
Wednesday May 28th
@ Red Cross Garage
NO PARKING

on the Red Cross Lot, needed for Red Cross meeting