

" S p r e a d
S p e c t r u m "

by Ed Delp, N9YTE

Wednesday, April 23rd

Field Day auction coming up next month

K9FOH lost \$??.?? at the April 8th meeting

2-----Drawing for \$??.<00 May 13th-----0

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

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	EEEE	R R

COMING EVENTS

- 23APR97 WED 1930 TARA PROGRAM MEETING
- 26APR97 SAT ARRL National Exam Day
 26APR97 SAT VE Testing at W9REG
 26APR97 SAT 0900-1200 VE Testing, Frankfort Public Library,
 Talk-in on 146.610, Walk-ins welcome
- 27APR97 SUN ARRL National Exam Day
- 4MAY97 SUN 0800-1500 3rd AA9HI Hamfest, Monroe County Fairgrounds, take
 SR45 west de SR37 1-1/4 mile to Airport Road & observe
 signs from there, sponsored by Amateur Radio Go Getters
 VE Testing @ 1130, Talk-in 146.895, \$5.00 A/N9SBZ
- 4MAY97 SUN 0800-1400 Cenois ARC & Macon County ARC Hamfest, Richland
 Community College, Shilling Hall, Decatur, Illinois,
 Flea Market, Vendors, VE Session, Talk-in 13/73 123.0Hz
 442.25 123.0Hz, \$5.00, under 16 free
- 9MAY97 FRI 1830 VE Tests at Cass County EMA building, 2 mile north of
 Logansport on SR17, no pre-registration required.
- 10MAY97 SAT 4-H/FFA Ag Judging (Forestry & Horse)
- 13MAY97 TUE 1930 TARA BUSINESS MEETING
- 16MAY97 }
 17MAY97 }-- Dayton Hamvention (The Ham Event)
 18MAY97 }
- Emergency Phone Number During Hamvention -- 937-276-6931
- FRI Flea Market open & bus service available 0800-1800
 Exhibits 1200-1800, Forums 1300-1700
- SAT Flea Market open & bus service available 0700-1700
 Exhibits 0800-1700, Forums, VE Exams,
 and Alternate Activities 0900-1700
- SUN Flea Market open & bus service available 0700-1600
 Exhibits 0800-1400, Forums,
 and Alternate Activities 0930-1330
 Final drawings at 1400
- Note that Flea Market
 opening change on SATURDAY
 & SUNDAY, Not 0600
 as in recent years!
- 28MAY97 WED 1930 TARA PROGRAM MEETING, Field Day Auction
 Start gathering your junkie
 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

TARA BUSINESS MEETING
Tuesday, April 8, 1997

CALL TO ORDER

The secretary called in sick so the minutes were taken by Jack Freeman.

The meeting was called to order at 7:30 by President Bob Martin. The Treasurer was not present yet so no Treasurer's report was read. It will be in the TATTLER this month.

Old Business:

We received a letter from AMSAT thanking us for our gift. Our gifts to AMSAT for this year total \$450. The President mentioned that the latest information from AMSAT is the P3D Ariane 502 rocket launch is delayed until September.

We received a letter from the Fairfield Township Assessor for the club Treasurer to file. It must be in by the end of April. (It is a list of our personal property for tax purposes.)

We received a letter from Jack Bessler at the Veteran's Home requesting our help to give a demonstration of Ham Radio during Veteran's week on June 24. Jack Freeman and Bob Martin have agreed to try to do so. Any other help would be appreciated.

New Business:

April 23 will be the next program meeting. Ed Delp has volunteered to talk on "spread spectrum". He may also be able to arrange a field trip to the Cell Site at the TV 18 antenna site.

VE testing is set for Saturday, April 26 at the Red Cross. On Wednesday, May 25, the Field Day Auction will be held in lieu of the usual program meeting. The June program meeting is pre-empted by FD. The July program meeting on July 23 will be on digital signal processing. If we have good wx this coming Saturday, we may be able to do some antenna work if the Red Cross emergency exercise permits.

The bus going to Dayton Hamfest has only a partial load but they are hopeful of filling it up with other hams from Indianapolis or Lebanon. A motion by Bruce Stewart, N9GKE, was made to cover all excess cost beyond that paid by the travelers, but it failed to pass. A second motion to subsidize the trip up to a maximum of \$150 did pass, however, the bus organizers are encouraged to make all efforts to sell the remaining seats to all comers that are interested.

Bruce Stewart stated that the Red Cross is having a simulated emergency exercise this Saturday morning and all help would be appreciated. He will be in the radio shack shortly after 8 am and a radio check-in will be held at 10 am.

A proposed agreement between the Red Cross and TARA was outlined by Bob Martin which covers our mutual agreements and our individual responsibilities. The membership was concerned about our liability in case of an accident, especially by anyone climbing the tower. It was agreed to get clarification (about one paragraph) which says that any changes in antennas or equipment had to be agreed to in writing by the Red Cross board. The President will take this up with the RC executive Secretary. Bruce Stewart agreed to investigate the cost and availability of a liability insurance policy for \$1,000,000. He is to report back to us.

The drawing was won by Bob Lusby who was not present to claim it.

The meeting was closed at 8:40 pm.

Submitted by Acting Secretary Jack Freeman in lieu of Howie Koehl who was sick tonight.

TIPPECANOE AMATEUR RADIO ASSOCIATION
 TREASURERS REPORT
 APRIL 9, 1997

DUES RECEIVED:

JIM COLLISON	KOLVA	07	DUES	\$ 6.00
BOB LUFFY	KOFCH	07,08	DUES	\$ 12.00
MARK CONNER	NORTH	07,08,09	DUES	\$ 18.00
DAVE MCCORMICK	KODY	07	DUES	\$ 6.00
MARGRET WEBER	ADONSL	07	DUES	\$ 6.00
ROBERT COLLISON	KAREWD	07	DUES	\$ 6.00

OTHER INCOME RECEIVED:

SAVINGS ACCT. INTEREST	JAN, FEB, MAR	\$ 53.92
TOTAL INCOME		\$ 107.92

DISBURSEMENTS:

BOB MARTIN	CERTIFICATE & FRAME	\$ 12.00
J.R. VAN SICKLE	TATTLER OCT THRU JAN 97	\$ 175.20
TOTAL DISBURSEMENTS		\$ 187.20

STARTING CHECKING ACCT BAL 2/11/97	\$ 97.98
STARTING SAVINGS ACCT BAL 2/11/97	\$ 7296.70
CHECKING ACCT BAL 4/9/97	\$ 217.59
SAVINGS ACCT BAL 4/9/97	\$ 7150.62
CD NOTE #5140280 BAL 2/9/97	\$ 5970.04
CASH AND CHECKS ON HAND	\$ 12.00
TOTAL ASSETS	\$ 13350.55

RESPECTFULLY SUBMITTED
 JIM CANARECCI WAGTGO
 TREASURER

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 Take your best
 WALKIN' SHOES

For those of you that have never been to the Dayton HamVention, be forewarned.

If you walk pass each booth in the outdoor Flea Market, you will have walked at least 9.8 mile. That mileage is based on the past layouts, it may be larger this year.

Estimating inside is more difficult, but figure it to be between 3.0 & 4.75 mile. K9KRE

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 L O S T
 Would like to locate

The United States Postal "Service" is unable to find the following people at these addresses:

KD9SF Brad L Lovett
 1202 Potomac Avenue, 47905

N9VCO Mike Mc Donald (Also Kevin)
 2540 Plains Drive, 47905

If any among you can supply a better address, or inform us as to who might be able to do so, please call K9KRE @ 765-572-2755.....

T. A. R. A. Membership List

K9	AHX	7	Ott, John R	2319 Dakota Drive	47905	474-4668	
KB9	BJW	0	Adams, Kenneth Le Roy	1019 Wabash Avenue	47905-1058	00000	742-8711 494-1787
W9	BZF	7	Vavrus, August Robert	2769 Linda Lane	47906	463-1153	
KF9	CT	7	Freeman, Jack D	P. O. Box 21	47920	567-2861	Generator Committee
WB9	CZC	1	Azpell, David C	8120 Red Stick Road	47920	567-4290	494-3448 Ant & Gen Chair, Red Cross
N9	DHH	0	Stombaugh, Steven E	2207 Wake Robin Drive	47906	463-6218	497-6266
N9	DJK	8	Stickrod, Edward R	9008 Northridge Lane	47920	497-3783	
WD6	DSJ	0	Wiggins, Jonathan P	1522 South 18th Street, Apt. 2	47905-2010	474-8672	494-4879
K9	DUW	7	Guthridge, Garry A	1037 East 400S	47944	385-5117	
K9	DV	7	McCormick, David M	1508 South 800 East	47905	296-2123	463-2565
KA9	EWD	7	Collison, Robert C	1522 Franklin Street	47905-1532	742-6440	
K9	FGX	7	Van Sickle, Nellie Annette	9929 Turner Road	47992	572-2755	538-3025
K9	FOH	8	Lusby, Bob D	1408 Warren Place	47905	477-1280	Steering Committee
N9	GKE	9	Stewart, R Bruce	5 Adina Place	47905	742-2367	967-4536 Director & Hamfest Chairman
WD9	HED	7	Phillips, Gene	5617 Prophets Rock Road	47906	567-4192	
WA9	HKK	7	Hudlow, Francis E	3048 Chinook Lane	47905	474-4169	
W9	IMU	7	Vaughn, Clarence I	1605 Melbourne Road	47904-1650	447-3232	
KE9	IT	7	Roberts, David C	5124 Jackson Highway	47906	583-2803	FD Antenna, Steering Comm.
KB9	IXT	7	Miller, Ken	4316 Crest Drive	47905	447-3985	494-1044
KB9	JDA	7	Diener, Mike	P. O. Box 621	47847	665-9326	
KB9	JDE	8	Gardner, Tim	923 South 20th Street	47905	447-2615	497-6397
N9	JEA	7	Baugher, John L	P.O. Box 114, 302 S. Johnson	47970	583-2151	463-1515
WD9	JLN	7	Bressler, Charles I	134 Elston Road	47905	474-2220	
KB9	JPT	7	Wynn, Irving	563 Jonathan Way	47905	447-0945	
K9	JWI	7	Mauck, Clyde B	1811 Thompson Street	47904	447-0676	447-6956
KB9	JWX	8	Loveridge, Harold L	12557 East 100S	47274		
KE9	KA	8	Milligan, James W	4820 Hawthorne Ridge Drive	47906	463-5282	
K9	KE	7	Kuespert, Thomas L	1418 Newsom Court	47905	474-1026	
KB9	KHM	7	Mc Gregor, George M	9515 West 350 North	47970	583-0852	
KB9	KLM	7	Stover, Mark	6927 East 100 North	47944	884-0139	
KB9	KNP	7	Amos, Gordon	704 Paradise Avenue	47905-8757	447-6470	
K9	KRE	7	Van Sickle, J. B.	9929 Turner Road	47992	572-2755	T. A. R. A. Tattler
KB9	KUQ	7	Kueberth, John (Jack)	1404 Holloway Drive	47905	477-6345	447-6345
N9	KWJ	7	Conner, Larry	1521 Ferry Street	47901	742-8146	742-8146
KC9	LI	7	Niewerth, Robert F	3742 Union Street	47905	447-3670	
KB9	LKD	7	Hardesty, Tony	1029 North 18th Street	47904	742-0409	463-4336
KB9	LSE	7	Hoppes, David	10157 North 450 East	47975	385-2937	385-2305
K9	LYA	7	Collison, James A	1316 Davis Drive	47905	474-5979	449-8988 Red Cross Committee
WA9	LYC	9	Davis, James I	30 Greenbush Court	47904	447-0147	447-4141
N9	MIH	7	Ward, Glenn A	P. O. Box 385	47970	538-2826	
WN9	NBT	7	Chasey, David A	2222 East 430S	47905	477-6264	494-6425
N9	NWO	9	Dean, Greg A	P. O. Box 2121	47906	463-1225	
KB9	OQC	7	Martin, John	2301 Centennial Court East	47906	463-0317	449-6944
KE9	OV	8	Steill, Daniel	1600 Hemlock Road	47904	449-0976	
N9	QAP	7	Scherer, Steven	35 McIntosh Court	47905	447-3098	771-3600
N9	RRL	7	Hirschinger, Ed	428 Asher Street	47904		
WB9	RVN	0	Castillo, Pedro F	2315 Manitoba Drive	47905-2728	474-8802	477-7492
WB9	SBV	7	Lerzak, Jules J	912 South 11th Street	47905-1412	742-2715	
N9	SBZ	8	Moffett, David P	630-1/2 Ferry Street	47901	742-5562	
WB9	SGP	9	Belter, Stephen E	510 Rose Street	47906	743-6905	423-5560
N9	SUD	9	Belter, Deborah	510 Rose Street	47906	743-6905	494-5717
WB9	SWD	7	Sherwin, Curtis L	3636 East 1300S	47981	538-2650	494-1158 V-Pres, Ant, FD Ant, Steering
WA9	TGO	7	Canarecci, James D	944 Southland Drive	47905-2916	474-6570	Treasurer
KF9	UP	7	Stewart, Jeff	30 Carolyn Court	47905	474-6528	494-1787 Steering Committee Chair

WB9 USL 7 Weber, Margret C	742 Essex Street	47906-1533	463-7376	
KE9 VA 9 Critser, Steve	2927 Vinton Street	47904	447-5321	494-4600
N9 VLW 8 Williams, Charles L	59 Deveraux	47905	477-0243	
W9 WQS 7 Thomas, Rex E	3104 SR26 West	47906	463-2182	
KE9 WX 8 Gennett, Tim	1914 Arrowhead Road	47906	583-4519	494-1000 Publicity
N9 XPZ 7 Brummett, Sam	917 South Wagon Wheel Trail	47905	474-2187	
N9 XTL 8 Williams, Brenda	59 Deveraux	47905	477-0243	
N9 XTN 9 Conner, Mark D	907 Thurston Avenue	68123-2452	292-4422	294-9757
W9 YA 8 Finch, Bob	7530 Ridgeview Lane	47905	564-4226	Trustee, FD Ant, Steering
W9 YE 7 Martin, Robert D	519 Calvert Lane	47905-1209	423-1035	447-7473 President
W9 YIP 9 Edwards, John P	477 Robinson Street	47906	743-3226	
N9 YTE 8 Delp, Edward	400 Evergreen Street	47906	743-5598	494-1740 Program Committee Chair
KZ9 Z 1 Koehl, Howard E	2448 Poplar Lane	47905	447-2281	477-4300 Secretary
N9 ZFJ 7 Stewart, Debbie	30 Carolyn Court	47905	474-1787	

The following members have let their memberships lapse.....

6 Mc Donald, Kevin ✓	2540 Plains Drive	47905	99999	474-6939	
6 Pfeiffer, Jim	1160 Anthrop Drive, #3	47906	567-5155	567-4343	
WZ9 A 6 Johnston, Robb R ✓	1900 Greenbush Street	47904-2253	423-4400	474-3474	742-2820 477-4423
KB9 BZV 6 Miller, Nick ✓	70 Woodmere Court	47905	447-4048	447-5785	
WD9 CJS 6 Collison, Dick	18 Rene Boulevard	47905	474-8492	447-7000	Antenna Committee
N9 DK1 6 Miller, Timothy J ✓	70 Woodmere Drive	47905	447-4048	494-3461	
N7 DUK 6 Wood, Hubert C ✓	1212 South 2nd Street, Apt. 3	47905	474-3368		
WA9 IAL 6 Weinhardt, John V	1220 Wells Street	47905	474-2580		
KB9 KCH 6 Clayton, Bradley Al	103-6 Married Student Courts	47906	743-3307	494-9330	
KB9 KNR 6 Budzynski, Mike	3750 North 250 West	47906			
KB9 LKE 6 Schwartz, Jeanette M ✓	8622 South 300 East	47923	563-6505		
AA9 LL 9 Stine, George H ✓	P. O. Box 327, Swisher Road	47920	567-2299		
N9 MSP 6 Leath, John ✓	804 South McDonald	47918	762-2185		
W9 NSY 6 Airgood, Roger L	1635 North 12th Street	47905	00000	742-0357	
KA9 NYW 6 Rumble, Anna L ✓	100 Doncaster	47905-3416	474-8682		
AD4 OS 6 Warren, Ken	146-4 Arnold Drive	47906-3336	746-1052	494-2715	
WB9 QOZ 6 Bender, Charles R (Dick) ✓	3015 East 500S	47905	474-2282		
N9 RRO 6 Zackmire, Darryl	1017 Wabash Avenue	47905	742-7570		
N9 SCG 6 Burkhardt, Shelby	7715 SR38 East	47905			
KD9 SF 6 Lovett, Brad L	1202 Potomac Avenue	47905	99999	567-5244	497-9456
KA9 UCT 6 Hamilton, Don M.	25 North 30th Street	47904	448-4144		
N9 UEP 6 King, David C ✓	4423 Lockwood Court	47905	447-2240		
WB9 VAL 6 Smith Sr, Robert D ✓	P. O. Box 66	47902	742-6109		
N9 VCO 6 Mc Donald, Mike ✓	2540 Plains Drive	47905	99999	474-6939	
N9 VEE 6 Porat, Dan	818 North Grant, Apt. 6	47906	746-4804	497-9456	
WB9 WLU 6 Rumble, William Scott ✓	100 Doncaster	47905-3416	474-8682	474-0793	
WZ9 X 6 Ahlen, Lon P	903 5th Street	47906-2809	743-6360	494-1787	
WB9 YPG 6 Osborn, Michael W	12203 Arrowhead Drive	78727			
WB6 YYL 6 Matheson, Don C ✓	4325 Wea Ridge Road	47905	477-1680		
N9 ZND 6 Darling, Jim	3862 Timothy Trail	47905	449-1643	448-1468	

Zip Code Directory

00000 Silent Key	47907 Purdue University	47970 Otterbein, Indiana	68123 Bellevue, Nebraska
47274 Seymour, Indiana	47918 Attica, Indiana	47975 Pine Village, Indiana	78727 Austin, Texas
47847 Dana, Indiana	47920 Battleground, Indiana	47981 Romney, Indiana	99999 Incorrect Address
4790_ Lafayette, Indiana	47923 Brookston, Indiana	47992 West Point, Indiana	
47906 West Lafayette, Indiana	47944 Fowler, Indiana		

Ode To Volunteers!

Many will be shocked to find when the day of judgment nears,

That there's a special place in heaven set aside for volunteers,

Furnished with big recliners, satin couches and footstools,

Where there's no committee chairman, no group leader or car pools,

No eager team that needs a coach, no bazaar or no bake sale,

There will be nothing to staple, not one thing to fold or mail,

Telephone lists will be outlawed, but one finer snap will bring,

Cool drinks and gourmet dinners, and rare treats, fit for a king!

You ask, who'll serve this privileged few, and work for all they're worth?

Why, all those who reaped the benefits, and not once, volunteered on Earth!

Author Unknown

Submitted by Jack, K8BWV to the SMARS Feedback newsletter, Aug 96
Angry customer to store owner: "I don't care what you say--spending \$4,000 for a hairpiece is just too much tou pee!"

New Cal 1

K9DV, mostly recently AA9LH congratulations are in order.

HOWEVER, this guy keeps changing calls, this is at least his third in recent years. Hope he finds one he likes. K9KRE

(The following are parts extracted from the Boone County Newsletter K9KRE)

"THANKS... (AND THIS TIME WE REALLY MEAN IT!)"

Now, that is not exactly what was said, but it IS the meaning behind the words said by the Sheriff's department and other county agencies to the Boone County Communications Response Team after the events of the past few weeks. We had the opportunity to participate in two "real world" incidents recently.

...there were multiple fire departments and police agencies at the scene, and the only way they could communicate was to relay messages through the central dispatch facility at Lebanon.

All of the agencies in Boone County have a very good working relationship with each other, and they are now starting to include BCCRT as a part of their team. It was only a couple of years ago when official response to our offers of help was "Thanks.....but no thanks". So, thanks to all of you who volunteer your time, and keep up the good work. WK9D

A fledgling cook explained how his eyes watered when he sliced onions. Trying to be helpful, his wife told him his eyes wouldn't tear if he cut the onions under water.

"Well, yes," he said, "but how do you breathe?"

***** de GEARVAKf BULLETIN May 1979

Keep your valued pets away from microwave antennas. Do not use lasers in the bathroom. Do not eat unknown substances.

From Your President:

We had a very productive meeting Tuesday night. After that meeting--the next day I talked with the executive secretary of the Red Cross about the concerns of the club membership.

She indicated to me that they are not concerned with routine maintenance of the antennas but only major structural changes that would require the permission of the RC board. She will check into their liability coverage for tower accidents, etc. She also said that she has never been concerned about the cleanup of the meeting room by the TARA membership, but has asked the janitor several times to clean and vacuum, but they have not been very good about doing it. She is concerned about members coming into the bldg during the day and not notifying the people working there. Anyone going into the ham shack/basement during business hours needs to notify the people in the office. Also, the stair light has been left on for as long as a week at a time, and she would appreciate it if we would turn the lights off as we leave. She will write an addendum to our agreement to clarify the need to get permission before we make major changes.

Those people wanting to go on the bus to Dayton need to make arrangements and pay their money post-haste as they will try to fill seats with any interested ham from Purdue, Lebanon, or Indianapolis. Please read the minutes of the last meeting to check on other "happenings".

Next meeting will be taught by Ed Delp on the topic of "spread spectrum" communications. Then next month will be the FD Auction. Get your STUFF ready to put in the auction and plan on attending.

73,

Bob, W9YE

Get on the bus to Dayton Hamvention '97

Steve Stombaugh, N9DHH, has arranged a chartered-bus for a trip to the biggest of all hamfests, Saturday, May 17, 1997. The bus will leave behind the Shell station, SR 26E @ I-65 at approximately 6:00 a.m., returning at approximately 7:00 p.m. The cost will be \$20 per seat, payable in advance. Seats will be sold on a first-come, first-serve basis and will be non-refundable. Upon receipt of your payment, a ticket will be issued; if you cannot go, it will be YOUR responsibility to sell your seat. In the event the bus is less than 75% sold May 1, all monies will be refunded and the bus will be canceled. This will be a NO-SMOKING bus.

If interested, please mail your payment, name, address and telephone number to:

Steve Stombaugh, N9DHH
2207 Wake Robin Drive
West Lafayette, IN 47906-5098

Any questions, call 317-497-6266, days, 317-463-6218, nights.

**There are still a few seats left
CALL STEVE SOON**