

Wednesday
March 22nd

" F O X H U N T I N G "
or Direction Finding
By Mark Conner, N9XTN

Last time I was out hunting for an interfering signal was over ten years ago. It can be a lot of fun, and educational. K9KRE is looking forward to it. Hope it in warmer weather, and no rain, hint hint!!!!

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TTTTT AAA RRRR AAA
T A A R R A A
T AAAAA RRRR AAAAA
T A A R R A A
T A A R R A A

President KF9UP Jeff Stewart
Vice-Pres W7YE Bob Martin
Secretary KF9WS Tim Gennett
Treasurer KF9CT Jack Freeman
Director K9LYA Jim Collison

TTTTT AAA TTTT TTTT L EEEEE RRRR
T A A T T L E R R
T AAAAA T T L EEEEE RRRR
T A A T T L E R R
T A A T T LLLL EEEEE R R

COMING EVENTS

- 22MAR95 WED 0730 TARA Program Meeting, only 8 days after Tuesday meeting
 Scheduled is a program on "Fox Hunting",
 what you need in way of equipment,
 when there is going to be one, et cetra A/N9XTN
 [[[If you miss this program, he will be giving a
 program on the same such at W9YB Tuesday the 28th]]]
- 25MAR95 SAT 0800-1400 Michigan City ARC Hamfest, at Rogers HS, 8466 Pabs
 Road, Computers, VE Session, Talk-in 146.97//37 (CTCSS
 131.8 Hz), \$4.00
- 26MAR95 SUN 0800-1400 Libertyville and Mundelein ARS and North Shore Rd
 Hamfest, Lake County Illinois Fairgrounds, IL120 & US45
 Electronic, radio and Computer swapfest, commercial
 exhibitors, free parking, refreshments, VE Session,
 Talk-in 147.945/.345 & 146.52, \$5.00
- 1APR95 SAT 0800-1400 Hamfest sponsored by Columbus ARC, Bartholomew
 County 4-H Fairgrounds, Family Arts Building, 2 Garden
 City, SR11 south of SR46, Talk-in 19/79, \$4.00
- 11APR95 TUE 0730 TARA Business Meeting
- 26APR95 WED 0730 TARA Program Meeting
- 28APR95)
- 29APR95)-- **Dayton Hamvention** (The Ham Event)
- 30APR95)
- 9MAY95 TUE 0730 TARA Business Meeting
- 13MAY95 SAT 4-H/FFA Ag Judging (Forestry & Horse)
- 13MAY95 SAT ARRL National Exam Day
- 13MAY95 SAT VE Testing at W9REG
- 21MAY95 SUN Hamfest, Peotone, Illinois
- 21MAY95 SUN Hamfest, Wabash, Indiana
- 24MAY95 WED 0730 TARA Program Meeting, **Field Day Auction**
- 3JUN95 SAT 4-H/FFA Ag Judging (Poultry/Livestock/Dairy)
- 4JUN95 SUN Hamfest, Princeton, Illinois
- 11JUN95 SUN Hamfest, Willow Springs, Illinois (Santa Fe Park)
- 13JUN95 TUE 0730 TARA Business Meeting
- 24JUN95 SAT Field Day
- 25JUN95 SUN Field Day
- 28JUN95 WED 0730 TARA Program Meeting
- 8JUL95 SAT Central Division Convention, Indianapolis, Indiana
- 9JUL95 SUN Central Division Convention, Indianapolis, Indiana
- 11JUL95 TUE 0730 TARA Business Meeting
- 16JUL95 SUN Hamfest, Van Wert, Ohio
- 26JUL95 WED 0730 TARA Program Meeting
- 5AUG95 SAT Hamfest, Valparaiso, Indiana
- 6AUG95 SUN Hamfest, Peotone, Illinois
- 8AUG95 TUE 0730 TARA Business Meeting
- 20AUG95 SUN **LAFAYETTE HAMFEST**
ALWAYS 3RD SUNDAY IN AUGUST
- 23AUG95 WED 0730 TARA Program Meeting
- 27AUG95 SUN W9MJL 20th annual Hamfest & Computer Show, UAW Civic
 Center, Free Overnight Parking (no hookups), Grand
 Prize drawing at 2PM-HT Radio, Air Conditioned indoors,
 Talk-in 22/82, \$3/2 f/\$5

T.A.R.A Business Meeting Tuesday, 14 March, 1995

The meeting was called to order at 1932 hrs by president Jeff Stewart, KF9UP.

Reports

Two guests were introduced: Gene Phillips, WD9HED, and Ben Stickrod, awaiting license. It was moved and seconded that they be accepted as members. The motion passed. Adam Rausch, N9ZVM, a relatively new member, was also at his first meeting.

The minutes from the February 14, 1995 meeting were reviewed. One addition was noted: Brenda Williams, N9XTL, had secured approval from the Veteran's Home to operated Field Day from that location. There being no other corrections or additions the minutes were approved as published and amended.

Treasurer Jack Freeman, KF9CT, reported a balance of \$13,007.96 for all club accounts and provided a summary of recent financial transactions. His report was accepted as read.

Old Business

Regarding the status of club equipment and insurance on same, KF9CT reported that club vice president, Bob Martin, W7YE, would evaluate the equipment and investigate insurance coverage. He stated that the ARRL was a likely source of such insurance.

Bob Lusby, K9FOH, shared his thoughts concerning the purchase of property and possibly a structure for a permanent club station and/or Field Day site. Extensive discussion followed. It was eventually moved and seconded to place additional research into this question on the table. The motion passed.

One question raised in the above discussion concerned the written agreement between the club and the Red Cross. Jim Collision, K9LYA, stated there was such an agreement but it probably was of sufficient age to warrant review and rewriting. He stated he would take responsibility for such.

New Business

Several equipment problems were discussed. The following observations were offered and conclusions reached: W7YE will arrange for shipping of the VHF/UHF all mode transceiver for repair. No dollar amount was authorized for such and he will be expected to use his own good judgment. The Mosley TA33 triband beam will not rotate but it was concluded that the problem was in the hardware used to mount the mast to the rotator. New mounting blocks will be ordered. The 80/40 meter dipole still needs to be repaired. The two meter beam did not function well during the 10Mar95 disaster drill, but this may have been due to its horizontal rather than vertical orientation. KF9UP will investigate.

Announcements

Mark Conner, N9XTN, announced he will present a program on direction finding at the 22Mar95 meeting, 1930 hrs at the Red Cross Chapter House. He will repeat this program the following Tuesday at W9YB.

Bruce Stewart, N9GKE, had a request from Purdue to provide communications for the annual FFA/4H Judging Contests. Greg Dean, N9NWO, indicated he would coordinate.

Steve Belter, WB9SGP, thanked those club members who had assisted in the previously mentioned disaster drill..

TIPPECANOE AMATEUR RADIO ASSOCIATION
 TREASURERS REPORT
 MARCH 14, 1995

DUES RECEIVED :

MIKE KAISER N9XTM	95 DUES	\$ 6.00
TIM EASTERDAY N9ZNQ	95 DUES	\$ 6.00
STEVE CRUISER KF9VA	99 DUES	\$ 30.00
DTEVE BELTER WB9SGP	96 DUES	\$ 9.00
DEB BELTER N9SVD	96 DUES	\$ 9.00
DAVE CHASEY WN9NBT	95 DUES	\$ 6.00
JOHN EDWARDS W9YIP	96 DUES	\$ 12.00
DAVID McCORMICK AA9LH	95 DUES	\$ 6.00
MARGAROT WEBER WB9USL	95 DUES	\$ 6.00
JOHN WIENHARDT WA9IAL	95 DUES	\$ 6.00
DAVID AZPELL WB9CZC	96 DUES	\$ 12.00
THOMAS ERWIN WD9GON	95 DUES	\$ 6.00
ROBB JOHNSTON WZ9A	96 DUES	\$ 12.00
LON AHLEN WZ9X	95 DUES	\$ 6.00
NICK AHLEN WB9HGD	95 DUES	\$ 3.00

TOTAL DUES... \$ 135.00

OTHER INCOME RECEIVED...

NONE THIS MONTH

TOTAL INCOME... \$ 135.00

DISBURSEMENTS...

R. BRUCE STEWART - COOKING GRILLS - 2 \$ 100.00

TOTAL DISB... \$ 100.00

STARTING CHECKING ACCT 2/14/95

STARTING SAVINGS ACCT 2/14/95

C.D. NOTE BAL AS OF 2/14/95

\$ 1748.73
 \$ 5834.79
 \$ 5331.25

TOTAL IN CHECKING ACCT 3/14/95

TOTAL IN SAVINGS ACCT 3/14/954

NEW CD PURCHASED # 51-44948-1 YEAR 5.09 APY

NOVEMBER 1, 1995 MATURE DATE ON NEW CD.

\$ 1783.73
 \$ 5834.79
 \$ 5398.44

TOTAL ASSETS

\$ 13,007.96

RESPECTFULLY SUBMITTED

JACK D. FREEMAN KF9CT

TREASURER 3/14/95

KF9UP announced there would be a county-wide tornado drill on 15Mar95 between 1000 and 1100 hrs.

KF9UP also announced that club members were welcome to work with Emergency Management on traffic control for the March of Dimes Walk-A-Thon on 29April95.

N9NWO announced he had placed his DSP in the shack for others to use.

Jim Canarecci, WA9TGO, asked about a printer for the club's packet station. WB9SGP stated he had an old printer he could loan for this use.

Ed Delp, N9YTE, indicated there would be an ATV meeting in Indianapolis on Saturday, 18Mar95, at 0730 hrs. See him for more information.

The drawing was held for the attendance prize. The following names were drawn but the members in question had not paid 1995 dues: N9RRP, KA9NOH, and KA9VXS. Additionally, W9ASX was drawn but, as an honorary member, he is not eligible for a dues remission. Dave Azpell, WB9CZC, was then drawn. As he was in attendance he will receive the \$12.00 attendance prize. The prize for the next meeting will be \$6.00

There being no further business, it was moved and seconded that the meeting be adjourned. The motion passed and the meeting was adjourned at 2050 hrs.

Respectfully submitted

Tim Gennett, KF9WX, Secretary

{The following are excerpts from the PRESIDENT'S OPINION column.}}
{This is the Danville, IL Club}}}

Betty (KC9V) has given up the VE testing program. She has done this for 10 years now and says she is tired and ready to set back and relax. I very much understand her side, but hate to see her and Elmer (NC9G) give it up. I wish to thank Betty for the 10 years of hard and dedicated work with the VE program.

Dennis (WA9Z) and Bill (KA9DSA) are trying to keep the VE program alive in this area. If any of you Advanced or Extra class would like to help, please get in touch with Dennis or Bill.

Steve (WA9Z) is holding a code practice class at his home on Tuesday evenings at 7:00PM. If you want some CW see Steve.

Bill (N9WTQ) is starting a no code class on February 9th, so if you know any one wanting a ticket, have them get in touch with Bill. It looks to me like he has a very good class planned out.

We now have a dues increase for the VCARA. Regular membership will be \$20 and family membership will be \$25 per year. At age 65 your dues will drop to \$5 per year. Those non paying club members are encouraged to start paying \$5 per year but you will not be forced to if you do not want to pay.

{Above for local info since in the past some of our Hams got their licenses through Betty, and it is not too far to drive for classes.)

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de CQ de W9MJL February 1995

NBC using the vertical blanking interval of their TV broadcasts to transmit a Data Network Fax system.

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Criticize behavior, not people.

Cable Thief Costs Himself \$2.7 Million

The National Cable Association's Anti-Piracy Division is praising an Arkansas judge's decision requiring a man convicted of cable copyright theft to pay a record \$2.7 million in restitution. Jan Gregory Manzer, who went by the alias "V. C. Hacker," was fined and sentenced to 46 months in jail in US District Court in Hot Springs, Arkansas. Manzer was found guilty of illegally modifying General Instruments' VideoCipher type pay television unscramblers and constructing satellite receivers with software that allowed other dealers to receive unscrambled signals.

Jim Allen, head of NCTA's Office of Cable Signal Theft, said, "Pirates like Manzer cost the cable and satellite industry billions of dollars a year in stolen programming services. The message of this decision is that cable piracy leads to jail time."

The Reuter new service says that at Manzer's sentencing hearing, representatives of HBO and Cable/Home Communications Corporation testified that Manzer's actions cost the industry millions in lost revenue.

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The irritated father was talking to his teenage son. "But school is only three blocks away, and you want to drive. What do you think you have two feet for?"

His son replied, "One for the brake and one for the gas."

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de Worldradio April 1995

FCC-ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs (as of February 1, 1995.)

- AA9NS KG9NA N9ZZZ KB9JCR

This probably should have been printed last month to accompany the Membership List.....
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Zip Code Directory

00000 Silent Key	47918 Attica, Indiana
44313 Akron, Ohio	47920 Battleground, Indiana
46065 Rossville, Indiana	47940 Darlington, Indiana
46274 Seymour, Indiana	47944 Fowler, Indiana
4790 Lafayette, Indiana	47970 Otterbein, Indiana
47906 West Lafayette, Indiana	47981 Romney, Indiana
47907 Purdue University	47992 West Point, Indiana
	49408 Fennville, Michigan

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de THE FEEDLINE Mar-Apr 1995

**How To Look Good When The
(Computer) Chips Are Down**

WITH THE CURRENT trend in "down-sizing" and layoffs, who knows whose jobs are safe. And as we all know, budget considerations sometimes force the issue of staff cutbacks with only the cream of the crop (or suck-ups to the boss) remaining on the payroll.

So how does one get a seat on the Titanic lifeboat and ride out the tide of layoffs and firings? Despite the countless books on management, and networking, the answer may be to make yourself look like a genius.

The secret is to maintain a special bag of tricks that gets pulled out only when the earth is about to spin into the sun and burn, and the only hope of rescue is you. It takes some experience, common sense, and the showmanship of P. T. Barnum, David Copperfield, and Star Trek's "Scottie" rolled into one.

Since nearly every business relies heavily on it's computers, you can start there. Many a computer user has no idea what's going on inside the gadget but just "if you press this key, something is supposed to happen."

You on the other hand, being a technically refined amateur radio operator, can step in to save someone's career when a DOS-running PC burps. Hmmm. Could be the wrong directory, the wrong file name, wrong command, or maybe the printer plug came loose. Simple stuff. But if the computer operator is not DOS literate, knowing a few simple commands can leave you smelling like a well-fertilized rose.

Sit down at the computer and type TREE to get a directory list. That along should get a "gosh" response. Say, "Hmmm, Okay" out loud. Type MEM for a cryptic-looking display which merely shows how memory is allocated. Nod and say, "OK, let's dig," and open DOSSHELL. Once here, select a file at random and press F9. This should allow you to look at the code that makes up that file. This all quite meaningless to you but boy, does it ever look slick.

Cursor down a few lines, point anywhere on the screen and ask incredulously, "What's that doing in there?" Shake your head and exit DOS-SHELL, sit and sweat for a few moments and sketch some meaningless logic diagrams on some paper. By now people are gathering around waiting to see how you are doing to save their jobs. Of course you will.

Simply reach behind the computer, tighten the printer connections, open the correct directory, and type the proper EXE command to start the program. Voila, you are a god.

Dishonest? Nah. You already have a job and now you are just saving the day. It's only slimy if you try to charge the boss bucks for the dramatic performance. A more lasting impression is left if you make a Jack Webb exit ("just doing my job, ma'am.) and leave them wondering where the burst of brilliance came from. By the way, extra drama is added if you can "repair" the computer system just moments away from an important report deadline. That's what always made Scottie the hero on the classic Star Trek. (Tnx to Alan Peterson, WNNK, from a column in Radio World.)

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If you can't do anything about it, Nothing is as inevitable as a don't. mistake whose time has come.

T.A.R.A. Tattler

Mailing Statistics

C O N G R A T U L A T I O N S
p/o de Journal Courier 25FEB95

The January 1995 issue was probably the largest mailing in recent history. There were 108 labels generated, 97 members, 11 comps, for a total mailing of 102 copies (some copies get 2 labels).

Mr. and Mrs. James A. Collison of 1316 Davis Drive will observe their 30th wedding anniversary March 6.

The couple was married March 6, 1965, in St. James Lutheran Church of Lafayette. He is manager of Proaudio and the former Carole Mechling, is an employee of Regency Place.

They have two children, Michael H. Collison and Katherine A. Collison, both of Lafayette.

No formal celebration is planned. They welcome cards.

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You just know this has to be a first-class family. Jim's Dad, Brother, Son, & Wife, all Hams. Can more be said! K9KRE

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de WESTLINK Report, #687, 31JAN95:

Of those 102 copies mailed, 78 went to Lafayette/ West Lafayette, 1 to Purdue, 7 to other locations in Tippecanoe County, 10 out of Tippecanoe County but within Indiana, and 5 out of state addresses (yes, we do have out of state members, one as far away as Akron, Ohio.

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The number of minor illnesses among employees is inversely proportional to the health of the organization.

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de THE FEEDLINE Mar-Apr 1995

Where The Hams Are

a 72-page special anniversary section in January CQ, which also includes articles on ham radio history, world and technological history and highlights in CQ's history. The issue was available on newsstands by late December. Single copies may be special-ordered at (800) 853-9797.

{We ordered one by telephone, they are \$5.00.....K9KRE}
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de CQ de W9MJL March 1995

California continues to hold claim to being home to more amateur radio operators than any other state. The Bear State total for 1994 was 101,391. Florida is second in ham population at 40,945, with Texas next at 39,245. New York and Ohio rounded out the top 5.

(Miscellaneous tidbits gleaned from the issue.)

Not surprisingly, Technician Class licensees out numbered other classes.

The Danville club now has 99 members.

Indiana has shown a 48% increase in hams in a ten year period, slightly less than the national average increase of 62.1%. Indiana has 14,632 hams. Delaware has the fewest hams with 1,430 followed by South Dakota, Wyoming, and North Dakota.

They also mention:
Case of RFI cleared up by pulling the plug on the power cord and cleaning it. The neighbor no longer hears a signal on her hi-fi set. Been in the socket so long that it was nice and corroded.

At the end of 1994, 664,650 held FCC licenses. The top ten states accounted for over half the nation's hams. (Edited from W5YI Report)

President's Column

Wow, February just flew by! I missed February's program meeting due to other commitments, but made the SET, the Red Cross Drill, the Indy Hamfest, and the Storm Spotter training. I know several of you attended these functions as well and have tried to acknowledge that in the attendance lists I've included. I apologize if I missed including your name on one of the lists.

For this month's program meeting, Mark Conner, N9XTN, will be presenting information on Direction Finding (Transmitter Hunting). He has some plans for building inexpensive direction finding antennas and should have an example or two to share with us. If anyone else has any DFing equipment, bring it along. I think Mark is planning on organizing a "hunt" sometime this spring.

Coming up April 29th, the same weekend as the Dayton Hamvention, the March of Dimes Walk-a-thon will be held. I expect they'll be looking for help with communications again this year so if you're interested, let me know and I'll see that you get additional information as it becomes available.

Field Day won't be far behind so start looking through your ham shack for auctionable items and think about how you can help with preparations for this year's Field Day activities. Bob Martin, W7YE, will be in charge and I'm sure he'll be looking for volunteers in several different categories. Let him know you're willing to help.

That's all for now. I'm going out to enjoy this weather.



KF9UP

Meeting Attendance - February 14

K9AHX	John Ott	KF9CT	Jack Freeman
N6CXB	Bob Finch	K9FGX	Neiine VanSickle
K9FOH	Bob Lusby	N9GKE	Bruce Stewart
K9KRE	J. B. VanSickle	KC9LI	Bob Niewerth
W9NSY	Roger Airgood	WB9SWD	Curtis Sherwin
KF9UP	Jeff Stewart	N9VLW	Charlie Williams
KF9WX	Tim Gennett	N9XTL	Brenda Williams
N9XTM	Mike Kaiser	N9XTN	Mark Conner
N9YTB	Tom Melville	N9ZND	Jim Darling
N9ZNQ	Tim Easterday		

SET Attendees - February 25

KB9BJW	Ken Adams	WB9CZC	Dave Azpell
KF9UP	Jeff Stewart	N9XPZ	Sam Brummett
KF9WX	Tim Gennett	N9XTN	Mark Conner
KE9IT	Dave Roberts	WB9YPG	Mike Osborn
N9ZFF	Bret Pennington	W7YE	Bob Martin
79-666	Steve Scherer	79-600	Steve Wettschurack

Red Cross Drill - March 11

K9AHX	John Ott	WB9CZC	Dave Azpell*
N9GKE	Bruce Stewart	KE9IT	Dave Roberts
K9LYA	Jim Collison*	WB9SGP	Steve Belter*
WA9TGO	Jim Canarecci	N9VLW	Charlie Williams
N9YTB	Tom Melville	KF9UP	Jeff Stewart
KF9WX	Tim Gennett*	N9XTM	Mike Kaiser
N9XTN	Mark Conner		Kevin McDonald

Want Ads that Missed

The following all appeared in classified ads... "Believe It or Not"...

2 female Boston Terrier puppies, 7 wks old, Perfect markings, 555-1234. Leave mess.

Lost: small apricot poodle. Reward. Neutered. Like one of the family.

A superb and inexpensive restaurant. Fine food expertly served by waitresses in appetizing forms.

Dinner Special -- Turkey \$2.35; Chicken or Beef \$2.25; Children \$2.00.

For sale: an antique desk suitable for lady with thick legs and large drawers.

Now is your chance to have your ears pierced and get an extra pair to take home, too.

Wanted: 50 girls for stripping machine operators in factory.

Wanted: Unmarried girls to pick fresh fruit and produce at night.

We do not tear your clothing with machinery. We do it carefully by hand.

For Sale -- Eight puppies from a German Shepperd and an Alaskan Hussey.

Tired of cleaning yourself? Let me do it.

Dog for sale: eats anything and is fond of children.

Mt. Kilimanjaro, the breathtaking backdrop for the Serena Lodge. Swim in the lovely pool while you drink it all in.

The hotel has bowling alleys, tennis courts, comfortable beds, and other athletic facilities.

Get rid of aunts: Zap does the job in 24 hours.

Sheer stockings. Designed for fancy dress, but so serviceable that lots of women wear nothing else.

Stock up and save. Limit: one.

Man, honest. Will take anything.

Wanted: chambermaid in rectory. Love in, \$200 a month. References required.

UsedCars: Why go elsewhere to be cheated? Come here first!