

Program Night

Wednesday, October 25th

MFJ Antenna Analyzer

Smith Charts

Transmission Lines

by WB9SWD

worth your time if you only come away understanding 'Smith Charts'

2

N9YAW lost \$42.00 at the last meeting
Are you going to lose \$48.00 at the next meeting?

0

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	KF9WX	Tim Gennett
Treasurer	KF9CT	Jack Freeman
Director	K9LYA	Jim Collison

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

My apologies to those who went to Lebanon on October 8th for a hamfest. We had published both dates for the event since we had received publications listing both dates. You will note we still have it listed for the 29th, hopefully that is the correct date. Last year it was on the 30th.

- 25OCT95 WED 0730 TARA Program Meeting, SEE PAGE ONE
- 29OCT95 SUN 0800 Boone & Clinton County ARC Hamfest, Boone County 4-H Fairgrounds, Flea Market, dealers, tailgating, VE Session, Refreshments, Free Parking, Talk-in 147.105 and 443.150, \$3.00
- 4NOV95 SAT W9ASX's Auction Sale, at Judy's Catering, WA9HKK has sale bill, and probably any other information you need on this event.
- 4NOV95 SAT Hamfest, Brazil, Indiana
- 14NOV95 TUE 0730 TARA Business Meeting
- 18NOV95 SAT 0900 Indiana State Convention, Fort Wayne, Indiana
- 19NOV95 SUN 0900 Indiana State Convention, Fort Wayne, Indiana
Allen County War Memorial Coliseum & Exposition Center
large flea market, commercial vendors, new and used dealers, computers and software, national ham manufacturers, VE session, 6 active presentations by Gordon West, WB6NOA, Parking \$2.00, Forums, Meetings, over 6800 attended in 1994, Ladies Activities, Talk-in 28/88, \$5.00
- 22NOV95 WED 0730 TARA Program Meeting, only 8 days after Tuesday meeting
- 25NOV95 SAT 0800-1400 Electronic Applications Radio Service (EARS) Hamfest, Vanderburg County Fairgrounds, Indoor and Outdoor Flea Market, commercial dealers, free parking, Talk-in 145.15, 146.925, \$5.00
- 10DEC95 SUN 1300 VE Testing by KA9DSA, at the Danville, IL club's "A" frame, bring Photo ID, Original license & copy to go with 610, FEE \$5.90, Walk-in's Welcome (AA9JE of Paris, IL will hold exams on months tests are not held at "A" frame.)
- 12DEC95 TUE 0730 TARA Business Meeting
- 27DEC95 WED 0730 TARA Program Meeting
-
- 17MAY96 }
18MAY96 }-- ~~Dayton Hamvention~~ (The Ham Event)
19MAY96 } **Note Change in Dates**
- | | |
|-----------------------|-------------------|
| General Info 276-6930 | Exhibits 276-6931 |
| Flea Market 276-6932 | FAXmail 276-6934 |
-
- 11MAY96 SAT 4-H/FFA Ag Judging (Forestry, Horse & Pony)
- 8JUN96 SAT 4-H/FFA Ag Judging (Poultry/Livestock/Dairy)
- 18AUG96 SUN **LAFAYETTE HAMFEST**
ALWAYS 3RD SUNDAY IN AUGUST
- 14SEP96 SAT Superfest & ARRL National Convention, Peoria, Illinois
- 15SEP96 SUN Downtown Civic Center, This is a new site this year, located near the dam
- 10MAY97 SAT 4-H/FFA Ag Judging (Forestry & Horse)

**T.A.R.A Business Meeting
Tuesday, 10 October, 1995**

The meeting was called to order at 1931 hrs by president Jeff Stewart, KF9UP.

Reports

The minutes from the previous meeting were approved as published.

Treasurer Jack Freeman, KF9CT, provided a summary of recent financial transactions. A complete report will be printed in the next edition of the *Tattler*.

Old Business

The tri-band beam on the tower has been reattached and is now functional. New feedline has been installed. The dipole is also function and resonant in the 80 meter band. Thanks to Dave Hoppes, KB9LSE, for climbing the tower.

KF9CT reported that Bruce Stewart, N9GKE was still pursuing repairs to the generator.

Dave Azpell, WB9CZC, reported that the September Red Cross simulated disaster went well. Several club members assisted with communications. The biggest problem discovered was trying to raise someone on repeaters in adjacent counties.

Bob Martin, W7YE, reported that four individuals acquired new licenses or upgraded at the September 30 VE session. The VE team has recovered all start-up expenses.

KF9UP asked if the VE team should continue under the auspices of TARA or operate separately. After some discussion it was determined that W7YE and Bob Finch, N6CXB, would contact the ARRL to discuss.

KF9UP reported that approximately 14 club members worked traffic and parking at the Feast of the Hunter's Moon.

Discussion was held concerning working November Sweepstakes. If there is to be a club effort a schedule will be printed in the next edition of the *Tattler*.

New Business

Mike Diener, KB9JDA was introduced as a guest. It was moved and seconded that he be admitted as a new member. The motion passed.

KF9UP reported that W9YB has a Motorola 6 meter FM rig in a cabinet, previously loaned by TARA. Mike Kaiser, N9XTN, volunteered to transport to N6CXB's home for storage.

Ed Delp, N9YTE, reported that W9YB may offer a class for Technician class license in the spring. W7YE noted that the VE team would probably offer a testing session on April 27, which as an ARRL national exam date. There may be an earlier session offered in January.

N6CXB also noted that he would repair the watt meter in the tuner recently donated by W7YE.

The drawing was held for the \$42.00 attendance prize and Brady Mart, N9YAW was drawn. As he was not in attendance the prize for the next meeting will be \$48.00

There being no further business, it was moved and seconded that the meeting be adjourned. The motion passed and the meeting was adjourned at 2010 hrs.

Respectfully submitted
Tim Gennett, KF9WX, Secretary

September 18, 1995

Hamfest 95 In Review

I would first of all thank the following people for their participation, without their help this event would not have been possible; Tom Kuespert K9KF Gate Chairman, Glen Ward N9MIH Flee Market Chairman and Kathy Stewart Concession Stand Chairman, Jack Ott K9AHX and Brad Lovett Publicity Committee, J. B. Vansickle mailings and Dan Porat N9VFE The Voice of the Lafayette Hamfest. In addition I would like to thank Dave Azpell WB9CZC, Jim Davis WA9LYC and his better half Elizabeth Davis, Bret Pennington N9ZFF, Jack Freeman KF9CT, Dave Roberts KE9IT, Clyde Mauck K9JWI, Jeff Stewart KF9UP and his better half Deb Stewart N9ZFJ, Charlie Williams N9VLW, Greg Dean N9NWO, Ken Adams KB9BJW, Roger Airgood W9NSY and Jim Canarecci WA9TGO. If I have missed anybody please forgive me and except my apology.

I am sorry to report after all the expenses have been accounted for the club realized a profit of only \$839.95. I spoke with several vendors who had experience a low turnout at other hamfest due to the heat. This should in no way discourage our planning for the 1996 Hamfest, however we will need a lot more participation by our members. If you have any suggestions on how to improve the turnout, please let me know.

R. Bruce Stewart
Chairman, Lafayette Hamfest

TIPPECANOE AMATEUR RADIO ASSOCIATION
TREASURERS REPORT
OCTOBER 10, 1995

DUES RECEIVED :	
TONY HARDESTY KB9LKD 96	\$ 6.00
TOTAL DUES	\$ 6.00
OTHER INCOME RECEIVED...	
CURTIS SHERWIN SHIRT COST ADJUSTMENT	\$ 2.00
JACK FREEMAN SHIRT COST ADJUSTMENT	\$ 2.00
BOB MARTIN-ARRL TESTING	\$ 16.00
TOTAL-OTHER INCOME	\$ 20.00
TOTAL MONTHLY INCOME	\$ 26.00
DISBURSMENTS...	
JB VAN SICKLE 500 MAILING LABELS	\$ 13.64
TOTAL DISB...	\$ 13.64
STARTING CHECKING ACCT 9/12/95	\$ 1863.37
STARTING SAVINGS ACCT 9/12/95	\$ 5923.20
C.D. NOTE BAL AS OF 9/12/95	\$ 5533.12
TOTAL IN CHECKING ACCT 10/10/95	\$ 1875.73
TOTAL IN SAVINGS ACCT 10/10/95	\$ 5961.47
NEW CD PURCHASED # 51-44948-1 YEAR 5.09 APY	
NOVEMBER 1, 1995 MATURE INT PD	\$ 5533.12
TOTAL ASSETS	\$ 13370.32

RESPECTFULLY SUBMITTED
JACK D. FREEMAN KF9CT
TREASURER 10/10/95

Sleep Your Way To Success...Like Edison!

Sleep is important to mental health but it can also be a creative tool. During the early stages of sleep, brain wave patterns freely intermix dreams and reality, offering new insights and intuitive connections between ideas.

Try Thomas Edison's technique: He often napped in a chair holding ball bearings in his hands with his arms draped over the sides. When he dozed off, the bearings dropped to the floor and the noise would wake him up. He quickly jotted down any ideas that had appeared in his mind!

++++
++++
de CQ de W9MJL Oct 1995

CONVENTION--HAMFESTS

Repeater Journal story says that a lot of the former, two day Ham-fests are talking of going to a one (1) day affair. It seems that the records show that the large majority show up on the first day and the attendees dwindle down to, in some cases, less than 10% of the total on the 2nd/3rd day. They now ask the question about the Amateur Gear supply industry being willing/able to fly and travel the distances and be satisfied with the results of an 8 to 10 hour selling period.

++++
++++
Last Halloween, one kid showed up at my door dressed as an IRS agent. It was very authentic. He took 40% of our candy.
++++
++++
de CQ de W9MJL Oct 1995

Need to get in touch with ARRL.
The new numbers are--
Telephone 800-594-0200
FAX 860-594-0259 (w5yi)

Tech Tips
From the TESSCO WWW site

Crayon Saves Defroster Wires

When installing a glass-mount antenna on vehicles with a rear window defroster, remember that you might have to remove that same antenna later on. During antenna removals, the defroster wires are sometimes pulled off the window right along with the antenna's inside coupling box.

Try this easy solution. Install the external portion of the antenna first. Then use a crayon to trace the defroster lines on the inside glass where the coupling box will go. If the inside coupler is later removed, you'll find that the tape or silicone glue hasn't adhered to the waxy crayoned surface over the defroster lines, only to the uncrayoned window surface, so no damage occurs.

Contributed by: Siouxland Cellular Communications, Inc.

++++
++++
de GEARVAKF BULLETIN Spring 1987

ARE BIRDS SOURCE OF DANGEROUS MICROWAVE RADIATION?

Dr. T. Ree Nestor, GEARVAKF Director of Dangerous Stuff, has just completed work on a major project for the National Fund for Science. The \$250,000 federally financed project, taking more than 18 months to complete, was to determine whether birds emit high levels of microwave (23-50ghz) radiation in amounts that may be harmful to humans or other animal life. "For months we measured around trees and bushes with our 'Bird' wattmeters," said Dr. Nestor, "and we found absolutely no evidence that birds gave off anything other than bird doo-doo, which was not radioactive." The National Fund for Science was so pleased by the research that it granted GEARVAKF \$1,350,000 more to study some other stuff. ..NBJR

Top 10 signs you've got RFI
From September, 1994 Downlink,
Newsletter of the San Lorenzo Valley Repeater Club
Originally from Scuttlebutt, newsletter of Naval
Postgraduate ARC, with additions by
AA6ZG, Leon Fletcher

10. When you talk into your mike, the power meter on your rig smiles.
9. Your neighbor answers your CQ with his 12-gauge.
8. During last month's DX contest you ran a kilowatt & your most distant contact was in (Montmorenci.)
7. Your Yagi has a low front-to-side ration.
6. When you send CW your dog's eyes glow.
5. St. Elmo's Fire comes from all elements of your antenna.
4. When your rig is on low power your XYL's wedding ring gets to hot to handle.
3. The local TV station sends you a QSL card.
2. A ham in China asks if you, too, live in Beijing.
1. Your telephone bill is a list of DXCC call signs.

++++
++++

The child watched, fascinated, as his grand-mother put the finishing touches on the still life she was painting.

When she was through, the boy ran over and hugged her. "Gram, you sure paint good," he said. "And that's just the first coat!"

++++
++++

The politician was mangling and misusing the facts during his political tirade. "He's murdering the truth," said one newsperson to another.

"Don't worry," the reporter replied. "He'll never get close enough to do it any harm."

++++
++++

Exercise is vulgar,
it makes people smell.

Top 10 signs DXing Isn't for You
From October, 1994 Downlink,
Newsletter of the San Lorenzo Valley Repeater Club
AA6ZG, Leon Fletcher

10. The post office returns your outgoing QSL cards in an unmarked paper bag
9. Every time you hear a pile-up you turn your rig off.
8. You hear an HZ call CQ but you don't respond because it's time for you to watch the Mary Tyler Moore Show.
7. You work a T5 and ask how to get a card from him and he says, "I'm good in the call book," and you say, "What's a call book?"
6. You installed a new rotor for your 20 meter beam and now your antenna points either straight down at your backyard or straight up at the North Star.
5. In the mail you receive a postcard from the QSL bureau saying it doesn't have your address.
4. You hear a VK station calling and you ask him if he speaks English.
3. Last month you bought a new all-transistor rig and now you're trying to find a place to plug in an 807 tube.
2. You work an XE station and, when he asks for a QSL card, you ask, "What's a QSL card?"
1. You work for an hour to get on a list to work a VE3 station.

++++
++++

"Look at you!" shouted the sergeant indignantly, as he inspected a bunch of new recruits.

"Your ties are crooked! Your hair isn't combed! Your shoes aren't polished! Your trousers aren't pressed.....suppose some country suddenly declared war?"

++++
++++

Sally, at age 4, to her older sister: "I'm as tall as you are."

Nancy: "No, you're not. Stand up and see. There, you only come up to my chin."

Sally: "Well, I don't care. I'm as tall the other way. My feet go down as far as yours."

President's Column

The weather wasn't quite as cooperative as last year for the Feast of the Hunters' Moon, but it wasn't too bad either. Saturday was chilly (cold?) but the weather Sunday was beautiful. My thanks go to everyone that helped out over the weekend. I think everyone did a great job and I hope you got some time to walk around and experience the Feast. Some different things were tried this year — some worked, some didn't. If you have any comments about how things went, let me know.

It's hard to believe October is now more than half over, but it is, and that means it's once again time to start looking for candidates for Club Officers. Start thinking now about serving as a Club Officer. If you have a little time to spare, it's a great way to get more involved in Amateur Radio and to influence the direction the Club takes.

At the November meeting, I'll appoint a nominating committee to search out those individuals interested in running for office. If you're interested in serving on this committee or running for an office, please let me know. Nominations can be made at the November or December meetings and again just before the elections at the January meeting. If you think someone would make a good Officer, talk to them about it, encourage them to run, and if they agree, nominate them or have them contact the nominating committee.

The phone portion of November Sweepstakes takes place November 18th and 19th. If you'd like to learn more about contesting, practice making contacts, tuning SSB signals, calling CQ, etc., let me know. This applies to all you Tech and Tech Plus license holders as well. Get in some practice for next year's Field Day operation and have a better idea about what's going on. If you're General class or better and would like to help out, please give me a call as well.

I guess that's about it for now. See you at the next meeting,



KF9UP

At his wife's insistence, a man purchased a home on a hilltop in a very exclusive section of the community.

"I'll bet you have quite a view way up there," said his friend enviously.

"Oh, yes," replied the homeowner. "On a clear day you can see the bank that holds the mortgage."

de ShortSkip Vol XLIII #10; Oct95

Private TVI from Amateur Radio Newline

The FCC says that it is considering privatizing the resolution of radio frequency interference to consumer electronics devices. Under the plan, private repair shops would be used to fix problems in the field.

FCC representatives spelled out the Commission's concept at a recent meeting in Tampa, Florida. The commission says it is not feasible for them to attempt to resolve these complaints, most of which come from Citizens Band operations.

So they have come up with a new system. Under the proposals, and depending on what the local repair facility found to handle the problem, either the shop would fix the equipment or, in the case of a violation of FCC rules, the service shop would refer the case back to the FCC for possible FCC action. The question of who would pay for these services has not yet been addressed.

The FCC says that over the past several years it has been unofficially out of the RFI business. That parties who contact the FCC about an interference problem are asked to work together toward a solution.

The ARRL was represented at the meeting by several local volunteer officials, in consultation with headquarters Laboratory Supervisor Ed Hare, KA1CV>

++++
++++
If the directions for finding a place include the words, "you can't miss it"---you will.
++++
++++

New Member

Mike Diener
P. O. Box 621, Dana, Indiana 47847
KB9JDA
317-665-9326

July Program Meeting — Field Day Review

The July program meeting was devoted to a review of the Field Day weekend exercise. This is an attempt to report on the discussions of that meeting. I don't remember who made which suggestions, so I'll just try to list the ideas and the main points of discussion that I remember.

It was suggested that we could run entirely off batteries and get some extra points. Unfortunately, to get the extra points we'd also need to run 5 watts or less. However, another reason to run off batteries was mentioned — the noise (or lack thereof). If we ran off batteries during the day, it might be more enjoyable for the everyone. Some of the XYLs don't avoid Field Day due to the noise. It would be easier to explain to visitors what was going on. At night, the generators could be fired up to provide power and light, and to recharge the batteries. Can we find enough batteries to run all the transmitters and computers? Can everything be run off of 12 Volts?

Some problems were experienced with the packet station setup. More advanced planning and testing was needed. A laptop for packet operations would be useful.

The Yaesu 726R didn't work very well for satellite. It needs a different module for the 440 range of satellite frequencies. It might be cheaper to buy a "satellite" radio than to purchase the module for the 726R (plus the 726R already has 3 modules so swapping modules would be necessary). It was suggested that a talk with Dave Filmer, WB9QPG, who does lots of satellite work, would probably be useful and very informative. Maybe he could give a presentation at a future Program Meeting.

The Lazy H antennas worked well as did the loop again this year.

More thought and effort should be put into the Novice/Technician station. Provide an antenna, a push up pole and vertical was mentioned. Remind No-Code Techs that they can operate HF as long as someone with HF privileges is there to oversee.

The old coax, which was to have been sold at the Field Day Auction, made its way to the site. We should buy some new coax and have it available (see section on Emergency Preparedness).

There was quite a bit of discussion on ways to make more contacts. These included providing some sort of training for operators, participating in other contests throughout the year, having a list of section abbreviations available, practice on logging, and have instruction manual for the computer logging program available. Make better use of the operating schedule — sign up for time slots. Make an effort to recruit and encourage the less experienced operators (including No-Code Techs) to participate and operate on the air.

The use of a memory voice keyer was suggested to save everyone's voice. It was suggested that a female operator's voice is often an advantage as it is different enough to attract attention. A VHF/UHF antenna and a

6M beam would be useful for those bands/modes. Provide some strategic planning; i.e. how to make best use of our resources, when to be on each band, etc.

Emergency preparedness:

Other parts of the discussion seemed to deal more with the reason for Field Day: being able to react in an emergency. This mostly consisted of having antennas that could be quickly and easily put into service at a remote location, such as verticals for VHF/UHF/HF and a push up pole or something similar. Also having coax (with connectors attached) available and stored at the Red Cross building.

One of the Club's Lazy H's is currently in the closet in the radio room and I will work on getting the Club's Hustler antennas, currently at N9MIH's, moved there as well.

I think that covers most of what happened. Lots to think about for next year.

Program Meeting – Sep 27

N6CXB	Bob Finch	WB9CZC	Dave Azpell
N9DKI	Tim Miller	WD6DSJ	Jon Wiggan
K9KF	Tom Kuespert	W9NSY	Roger Airgood
WB9QQZ	Richard Bender	N9SBZ	David Moffett
WB9SGP	Steve Belter	WB9SWD	Curtis Sherwin
WA9TGO	Jim Canarecci	KF9UP	Jeff Stewart
KF9WX	Tim Gennett	N9XPZ	Sam Brummett
N9XTM	Mike Kaiser	N9YTE	Ed Delp
N9ZVM	Adam Rausch		

Feast Help – Oct 7-8

N6CXB	Bob Finch	WB9CZC	Dave Azpell
N9JEA	John Baugher	KB9KHM	Mark McGregor
KB9KUQ	Jack Kueberth	K9LYA	Jim Collison
N9MIH	Glenn Ward	N9NWO	Greg Dean
WB9SGP	Steve Belter	WB9SWD	Curtis Sherwin
KF9UP	Jeff Stewart	KF9WX	Tim Gennett
N9XPZ	Sam Brummett	WB9YPG	Mike Osborn
WB6YYL	Don Matheson	N9ZVM	Adam Rausch

Business Meeting – Oct 10

K9AHX	John Ott	KF9CT	Jack Freeman
N6CXB	Bob Finch	WB9CZC	Dave Azpell
N9GKE	Bruce Stewart	WD9JLN	Charles Bressler
KB9KNR	Mike Budzynski	WA9LYC	Jim Davis
WB9SWD	Curtis Sherwin	WA9TGO	Jim Canarecci
KF9UP	Jeff Stewart	KF9WX	Tim Gennett
N9XTM	Mike Kaiser	W7YE	Bob Martin
N9YTE	Ed Delp	WB6YYL	Don Matheson
N9ZFJ	Debbie Stewart	N9ZVM	Adam Rausch
KB9JDA	Mike Diener		