

Program Meeting

SATELLITES

Wednesday, March 27th

Dave Filmer, WB9QPG

Amsat P3D

and using the satellites

AND plan on having your picture taken, see the President's Column.

2 Jim Pfeiffer lost \$18.00 at the last meeting 0

TTTTT	AAA	RRRR	AAA	President	W7YE	Bob Martin
T	A A	R R	A A	Vice-Pres	WB9SWD	Curtis Sherwin
T	AAAAA	RRRR	AAAAA	Secretary	KF9WX	Tim Gennett
T	A A	R R	A A	Treasurer	WA9TGO	Jim Canarecci
T	A A	R R	A A	Director	KF9UP	Jeff 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	LLLL	EEEE	R R

COMING EVENTS

27MAR96 WED 1930 TARA PROGRAM MEETING, Dave Filmer, WB9QPG, telling us about Amsat P3D and using the satellites

30MAR96 SAT 0800-1400 Michigan City ARC Hamfest, Michigan City HS, 8466 West Paks Road, \$4.00

30MAR96 SAT 0800-1400 Columbus 13th Annual Hamfest, Bartholomew County Fairgrounds, Exit I65, East on SR46 for couple miles, then South on SR11 (Old-Old SR31) for less than two mile. Held inside, Talk-in 146.79, \$4.00

31MAR96 SUN ARRL Hamfest, Grayslake, IL A/Jan 96 QST

9APR96 TUE 1930 TARA BUSINESS MEETING

24APR96 WED 1930 TARA PROGRAM MEETING

5MAY96 SUN ARRL Hamfest, Wabash, IN A/Jan 96 QST

11MAY96 SAT 4-H/FFA Ag Judging (Forestry, Horse & Pony)

11MAY96 SAT ARRL Hamfest, Peotone, IL A/Jan 96 QST

14MAY96 TUE 1930 TARA BUSINESS MEETING

17MAY96 }

18MAY96 }-- Dayton Hamvention (The Ham Event)

19MAY96 } Note Change in Dates

Emergency Phone Number during Hamvention weekend 513-276-8905

Hamvention Web page: <http://users.aol.com/hamvention>

Bellefontaine Road Clubhouse 276-3855

General Info 276-6930 Exhibits 276-6931

Flea Market 276-6932 FAXmail 276-6934

22MAY96 WED 1930 TARA PROGRAM MEETING, Field Day Auction
only 8 days after the previous meeting!!!!!!!!!!!!!!!!!!!!

2JUN96 SUN ARRL Hamfest, Princeton, IL A/Jan 96 QST

8JUN96 SAT 4-H/FFA Ag Judging (Poultry/Livestock/Dairy)

9JUN96 SUN ARRL Hamfest, Willow Springs, IL A/Jan 96 QST

11JUN96 TUE 1930 TARA BUSINESS MEETING

22JUN96 SAT Field Day A/Jan 96 QST

23JUN96 SUN Field Day A/Jan 96 QST

26JUN96 WED 1930 TARA PROGRAM MEETING

9JUL96 TUE 1930 TARA BUSINESS MEETING

13JUL96 SAT ARRL Hamfest, Indianapolis, IN A/Jan 96 QST

14JUL96 SUN ARRL Hamfest, Indianapolis, IN A/Jan 96 QST

24JUL96 WED 1930 TARA PROGRAM MEETING

4AUG96 SUN ARRL Hamfest, Peotone, IL A/Jan 96 QST

13AUG96 TUE 1930 TARA BUSINESS MEETING

18AUG96 SUN **LAFAYETTE HAMFEST**
ALWAYS 3RD SUNDAY IN AUGUST

25AUG96 SUN ARRL Hamfest, Danville, IL A/Jan 96 QST

28AUG96 WED 1930 TARA PROGRAM MEETING

7SEP96 SAT ARRL Hamfest, Fort Wayne, IN A/Jan 96 QST

10SEP96 TUE 1930 TARA BUSINESS MEETING

14SEP96 SAT ARRL Hamfest, Spencer, IN A/Jan 96 QST

14SEP96 SAT Superfest & ARRL National Convention, Peoria, Illinois

15SEP96 SUN Downtown Civic Center, This is a new site this year, located near the dam

21SEP96 SAT ARRL Hamfest, Grayslake, IL A/Jan 96 QST

22SEP96 SUN ARRL Hamfest, Grayslake, IL A/Jan 96 QST

25SEP96 WED 1930 TARA PROGRAM MEETING

8OCT96 TUE 1930 TARA BUSINESS MEETING

Tippecanoe Amateur Radio Association Business Meeting Tuesday, 12 March, 1996

The meeting was called to order at 1935 hrs EST by president Bob Martin, W7YE. Those present included WA9LYC, K9FOH, KF9CT, N9GKE, N9NWO, W7YE, N9VFE, WB9SWD, N6CXB, KF9UP, KF9WX, KE9IT, N9RRQ, and WA9TGO.

Reports

The minutes from the previous meeting were approved as published.

Treasurer Jim Canarecci, WA9TGO, provided a summary of recent financial transactions. The balance of all club accounts is \$13,728.05. A complete report will be published in a future edition of the *Tattler*. The report was approved as read.

Generator Committee: Curtis Sherwin, WB9SWD, has inspected the generator and believes it is definitely worth keeping and fixing. One thing not previously noted: it has a fully shield ignition system, which should minimize generation of QRM. Charlie Williams, N9VLW, believes he will be able to obtain copies of the manuals for the generator. Bruce Stewart, N9GKE, will undertake repairs once the manuals arrive.

Ed Delp, N9YTE, will take pictures for the Buckmaster CD at the March 27 program meeting.

Old Business

N6CXB reported he had completed repairs to the Drake tuner. It can only handle 200-300 watts. He would like to build a tuner that can handle higher power and has a line on some parts to do this. It was moved and seconded that he be authorized to spend up to \$100 to purchase these parts. The motion passed.

New Business

N6CXB and WB9SWD discussed antenna plans for Field Day. They invite anyone interested in helping to join them. They are looking for several 8 - 10 foot fiberglass poles for a Beverage antenna. They also hope to construct a better ground system.

Announcements

Weather spotter training will be March 19, 7 pm, at the Cooperative Extension Service.

Rex Thomas, W9WQS, will be back from Florida at the end of the month.

The Planning Committee will meet immediately after the close of the business meeting.

The drawing was held for the attendance prize. Hubert Wood, N7DUK was drawn but his 1996 dues had not been paid. Jim Pfeiffer (no call) was then drawn. As he was not in attendance the drawing for the April business meeting will be for \$24.

There being no other business, it was moved and seconded that the meeting be adjourned. The motion passed and the meeting was adjourned at 2007 hrs EST.

Respectfully submitted,
Tim Gennett, KF9WX, Secretary

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 Here is the list of those in attendance at the February Program Meeting:
 KB9KNP, KB9LSE, WB9SWD, WD9ILD, WA9TGO, W7YE, K9AHX, KF9WX
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Tippecanoe Amateur Radio Association Executive Committee Meeting Tuesday, 12 March, 1996

The meeting was called to order by president Bob Martin, W7YE, at 1855 hrs EST.

He reviewed the agenda for the upcoming business meeting.

Several steering committee members were present and they decided to hold a steering committee meeting immediately following the business meeting.

The Ten-Tec operating position was inspected and the recently repaired Drake tuner was put into service. It appeared to be operating properly.

There being no other business the meeting was adjourned at 1915 hrs EST.

Respectfully submitted,
 Tim Gennett, KF9WX, Secretary

TIPPECANOE AMATEUR RADIO ASSOCIATION
 TREASURERS REPORT
 MARCH 12, 1996

DUES RECEIVED:

GORDON AMOS KB9KNP	96,97 DUES	\$ 12.00
DAVID HOPPE KB9LSE	96,97 DUES	\$ 12.00
CLARENCE VAUGHN W9IMU	96 DUES	\$ 6.00
MARGRET WEBER WB9USL	96 DUES	\$ 6.00
JOHN WEINHARDT WA9IAL	96 DUES	\$ 6.00
JAMES COLLISON K9LYA	96 DUES	\$ 6.00
IRVING WYNN KB9JPT	96 DUES	\$ 6.00
AUGUST VAVRUS W9BZF	96 DUES	\$ 6.00
JOHN BAUGHER N9JEA	96,97 DUES	\$ 12.00
JOHN KUEBERTH KB9KUQ	96,97 DUES	\$ 12.00
SAM BRUMMETT N9XPZ	96 DUES	\$ 6.00
DON MATHESON WB6YYL	96 DUES	\$ 6.00
BRADLEY CLAYTON KB9KCH	96 DUES	\$ 6.00
KEN WARREN AD4OS	96 DUES	\$ 3.00
DAVID MC CORMICK AA9LH	96 DUES	\$ 3.00
JEANETTE SCHWARTZ KB9LKE	96 DUES	\$ 6.00
MARK CONNER N9XTN	96 DUES	\$ 6.00
OTHER INCOME RECEIVED:		\$ 0.00
TOTAL INCOME		\$ 120.00

DISBURSEMENTS:

BOB FINCH, DRAKE TUNER ROCKER SW REPAIR	\$ 7.52	
ANSAT DONATION AND CLUB MEMBERSHIP	\$ 250.00	
TRANSFER, CHECKING TO SAVINGS	\$ 1200.00	
TOTAL DISBURSEMENTS		\$ 1457.52

STARTING CHECKING ACCT BAL 2/12/96	\$ 2084.63 *	
STARTING SAVINGS ACCT BAL 2/12/96	\$ 6099.22	
CHECKING ACCT BAL 3/11/96	\$ 627.11	
SAVINGS ACCT BAL 3/11/96	\$ 7411.22	
CD NOTE #5146289 BAL 2/8/96	\$ 5681.72	
CASH ON HAND	\$ 8.00	
TOTAL ASSETS		\$ 13728.05

* LAST MONTH, CHECKING ACCOUNT BALANCE WAS ERRONEOUSLY REPORTED AS \$ 2084.36.

RESPECTFULLY SUBMITTED
 JIM CANARECCI WA9TGO
 TREASURER 3/12/96

- A. P. B. -

A reward of 500 microfarads is offered for information leading to the arrest of Hopalong Capacity. This unrectified criminal escaped from a Weston Cell, where he had been clamped in ions awaiting the Gauss chamber. He is charged with the induction of an 18 turn coil named Milli Henry, who was found choked and robbed of valuable joules. He is armed with a ferrite rod and is a potential killer. Hopalong Capacity is also charged with driving a DC motor over the Wheatstone bridge, and then refusing to let the band pass. If encountered, he may offer series resistance.

The Eletromotive force spent the night searching for him in the magnetic field where he had gone to ground. They had no success and believe Capacity returned ohm via a short circuit. He was last seen riding a kilocycle with his friend Eddy Current, who was playing "Ohm on the Range" with his Harmonic.

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de CQ de W9MJL Mar 1996

(p/o "President's Opinion" Column)

Our repeater now has the new controller installed and back on the air. It also has a 100 watt amp installed that works. The power is turned down a little with around 65 watts leaving the cavities. The output has more than doubled than what it use to have going to the air waves. Maybe Lloyd (K9AJK) can now hear it in Chrisman. There are always bugs to work out of a new system, but all in all it is working very well. The phone patch code has been changed.....(Signal is greatly improved here in West Point, so should make it easier to get WEATHER INFORMATION as it approaches Lafayette from the Southwest-----K9KRE---)

Testing Your Microwave Oven

Does your microwave put out all of the power it should? here is a scientific way to test it.

"Put a cup of water in it for a couple of minutes and see if it gets hot." How often have you heard that suggestion as a method to determine efficiency of a microwave oven? For an appliance as indispensable as the microwave, there must be a better, more accurate way to measure its power. Well, there is! Here is a preferred way to determine the output wattage of your microwave, which equates to how fast it cooks.

* Put 1 quart of water into a microwave-safe container. Measure the temperature with an accurate thermometer. It should be between 65 & 85 degrees F.

* Cook the water for two minutes at full power.

* After two minutes, stir the water and measure the temperature again. Subtract the starting temperature from the cooked temperature.

* The output power is determined by multiplying the rise in the water temperature (the number from the previous step) by 20. Repeat the test three times and average the results.

for example: Start with 70-degree water. After 2 minutes the water measures 100-degrees, a rise of 30. Multiply the 30 by 20 which shows an output power of 600 watts. But if your oven is rated at 700 watts, you've lost 100 watts, which results in longer cooking times.

If you find that the oven has lost power, you can replace it, replace the magnetron (the part that produces the cooking energy, and it isn't cheap), or modify cooking times to allow for the lower wattage. (edited from Family Handyman)

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A boy is grown up when he walks around a puddle.
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House restoration:::::

Plaster surgery.

Ham meeting etiquette

(Written by Van R. Field W2OQI and reprinted from page 23 of November World Radio)

Ham meeting-they often have a speaker at the local club or hamfest get-together. they're usually quite interesting, particularly if the subject is one that interests you.

Then how come there seem to be other QSO's going on at the same time in the same room? Often they out shout the speaker!

If you are a member of a club and your club invites a speaker then in effect you are part of that invitation. Do you invite people to your house then ignore them and hold conversations that they're not part of?

From observation it seems like hams have been developing an ability to be rude. The point is that a speaker at a function has the right to expect a listening audience. If the subject is not your thing, they you and your buddies should go out in the all or another room where you can't be hear, and enjoy each other. Other members no doubt want to hear what is said.

While on the subject of courtesy, perhaps some protocol questions should be added to the ham licensing tests. It's easy to get the feeling that some of the newer hams think that repeaters are maintained by the government or a benevolent organization for their express use. It's true many clubs, often those which a corporate sponsor who welcome and encourage all to freely participate.

Then there are those small groups who operate a repeater for their own use. Someone's call is attached to the machine. That person is responsible for what goes over the repeater. Members, or even an individual has to do the installations, do the maintenance and pay the insurance and electric bills. usually these individuals don't mind occasional use by an outsider, but when 2, 3 or more move in on a quiet machine and use it as if it were theirs, or like something they found in a parking lot,

they may very well be asked to leave.

Is it bad manners or ignorance? If it is ignorance, then it is up to those teaching the courses and writing the manuals etc. to stress these things. New hams should be told to seek out a repeater club or group and join them. Ask before moving in. Simplex operation should be explained so they understand that you can actually talk to stations at some distance without a repeater. As I write this there are 2 fixed stations having a long QSO about computers tying the repeater up, and I can hear both of them on a hand held on the input, an ideal situation for simplex. Then there's the Call Please" which turns into a QSO edging out your QSO.

doesn't it sound familiar? There must be a virus going around that infects a lot of hams. Let's be a little more polite and clean up our act, WE can, we know how, let's do it. N8EEK

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From the Prez, W7YE;

I am of course biased, but I thought we had a good TARA business meeting on Tues night. I would like to see us have a bigger turnout, but there was good participation by the members who were present.

We discussed the generator problem but made no final decisions. The entire planning committee was present and held their own meeting after the regular TARA meeting. It was still going strong when I left at 9:30 and I think will come up with some wide-ranging and good recommendations for future improvements in our equipment and antenna lineup.

Our next (program) meeting is on Wed. Mar. 27.

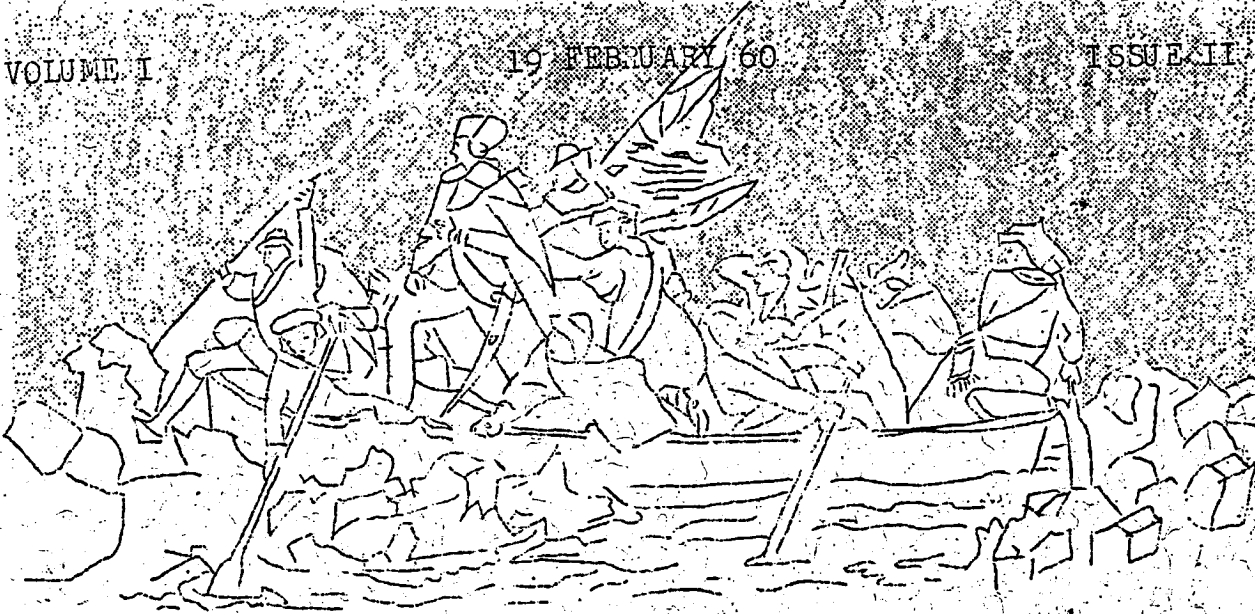
I called Ed Delp, our program chairman, but he is leaving that day for an out of town meeting of his own. I have asked Dave Filmer to come and talk to us about Amsat P3D and using the satellites, and he has agreed to come. You will find his talk interesting and informative.

Also, I will try to take pictures to send to the Buckmaster Publishing Co. and in return they will send us a CD Rom disc with the entire ham database. They plan to not only have your personal data with your call, but also your picture! The electronic age has certainly changed things since I first became a HAM in 1947! (It was only yesterday!)

Don't forget to plan on attending the Dayton Ham-vention in May this year. (May 17-18-19)

See you all on Wed eve., Mar 27.

Bob Martin



The (NAME)* is a club paper, sponsored by the TIPPECANOE AMATEUR RADIO ASSOCIATION, INC., A non profit organization, for all amateur radio operators in the Tippecanoe County Area.

TARA OFFICERS FOR 1960

PRESIDENT: AL LEWIS, W9LOT
TREASURER: JOHN HOGAN, K9MAK

VICE-PRES: BILL WEBSTER, K9QVW
SECRETARY: ROGER AIRGOOD, W9NSY

DIRECTOR: TIM CONNOR, W9RGY

FUTURE CLUB MEETINGS

FEBRUARY 24: SEE THE 100V***Much has been written and spoken about the Central Electronics 100V transmitter, but have you seen one?? At the next meeting of The TIPPECANOE AMATEUR RADIO ASSOCIATION, INC., at 7:30 PM in the Scott Street Pavilion of Columbian Park, Harry Smith will exhibit it. Come to the meeting and see the simple tuning and other unusual features of this transmitter. Refreshments after meeting.

COSMO PHONE TO BE DEMONSTRATED AT FUTURE MEETING

A demonstration of the Cosmophone table-top kilowatt transmitter receiver is being scheduled tentatively for the meeting on Tuesday, March 8. Arrangements for the demonstration by the representative for this area, Mr. M. E. Tyson, are being made. Mr. Tyson also represents Mosley and other manufacturers.

* See NAME the paper on page 6

7 Reprint of February 1964

MEETINGS OF INTEREST AROUND THE STATE

APRIL 10: The INDIANA RADIO CLUB COUNCIL will hold their spring meeting at the Atherton Center, Butler University, Indianapolis, Indiana.

SEPT 10 & 11; CENTRAL-DIVISION CONVENTION, sponsored by the INDIANA RADIO CLUB COUNCIL, will be held at the Claypool Hotel in Indianapolis. More details in future issue.

SUMMARY OF FEBRUARY 9th MEETING

At the meeting on February 9, a committee was appointed to review the constitution and by-laws of the club and to make recommendations for any needed changes. Members of the committee are: Robert Mann, K9RPD, Chairman; John Edwards, W9YIP; and Lewis Linderman, W9YWW. A report from this committee is expected at a meeting in the near future. If you would like to suggest any changes, give your ideas to one of the committee members.

AMATEUR RADIO EMERGENCY CORP (AREC) By Clarence Vaughn, EC, W9IMU

The Amateur Radio Emergency Corps has seven new members, six full and one supporting. Bringing the total membership to eighteen.

All AREC members be at the next club meeting to start making plans so that when the need arises we will be prepared to be of some assistance in the emergency no matter how large or small it might be. This is the kind of publicity that we as amateurs need. I am sure this is one of the reasons our Government allows the privilege of amateur radio. So let's all get behind the AREC and show our community that we are more than just a bunch of TVI producers.

Members who have membership cards bring them to the next club meeting so that I may be able to endorse them.

BULLETIN NR. 737 From ARRL HEADQUARTERS JAN 28, 1960

FCC has granted the request of the League that an additional fifty kilocycles be provided for phone in the twenty meter band. Effective March 10, 1960, the regulations are amended to permit phone operation from 14,200 through 14,350 kc, with no change in the classes of license required to use the band. Full details in March QST.