

Program Meeting

SATELLITES

Wednesday, April 24th

Ed Delp, N9YTE

INTERNET

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

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No drawing winner in March

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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	LLLLL	EEEE	R R

COMING EVENTS

21APR96 SUN 0800-1200 Blossomland ARC Hamfest, St. Joseph (MI) Kickers Sports Club, on US31/33, 6 mile south of I-94, Trunk sales, VE session, Talk-in 146.82, 442,275, \$4.00

24APR96 WED 1930 TARA PROGRAM MEETING, look pretty for your picture

27APR96 SAT ???? Walk-America, at the Fairgrounds, probably run from 0800-1200 or so, Contact Jeff Stewart if you can help

27APR96 SAT 1330 VE Test @ W9REG, one of four scheduled this year. There will be a session during the Lafayette Hamfest.

5MAY96 SUN 0600-1600 ARRL Hamfest, sponsored by Wabash County RC, 4-H Fairgrounds, South of US24 Bypass on SR13, new and used equipment, computers, free overnight parking, Talk-in 147.03, 442.325, \$6.00

5MAY96 SUN 0700-1400 Decatur IL Hamfest, sponsored by Cenois ARC, at Richland Community College, Shilling Hall, I-72 to Rte 48, SW to Brush College Road, 1-1/2 mile South to college. Flea market, vendors, VE session at 0900, Talk-in 146.73. 442.25 \$4.00 (16 & above)

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!!!!!!!!!!!!!!!!!!!!

START SORTING OUT YOUR GOODIES FOR THIS

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

4JUN96 TUE 1000 Olympic Torch 5K Run

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

8JUN96 SAT A run from River Junction to the Fort

9JUN96 SUN A run from River Junction to the Fort

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

Amateur Radio received a nice plug recently on the Discovery Channel. A two-hour program entitled, "Eyes in the Sky" described the various satellite systems in orbit and how they are used.

The program also mentioned AMSAT and showed some Florida hams purchasing satellite parts in area surplus and discount stores. The show made the point that it is not always necessary to spend billions of dollars to put a satellite in orbit, and that some commercial satellite builders had taken some ideas from hams. {Check your TV listings, and this program will most probably be repeated. K9KRE}

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Sandwich spread: What you get from eating between meals.
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de RF-CARRIER; XL # 6 Feb 96

Net Control Openings Possible

A few positions as Net control Operators may come available in the near future with the Dayton Section of SKYWARN. Amateurs interested in becoming a Net Control Operator must meet the following requirements.

- 1. Hold a valid FCC Amateur Radio License of no-code technician class or higher and must be 21 years old.
2. Live within 10-15 minutes driving distance of the Dayton SKYWARN operating location.
3. Acquire a pager and pay all operating costs.
4. Pager must be on 24 hours a day from March 1 to November 30 except when out of area.
5. Applicant must be willing to have his/her home life disrupted at a moment's notice and reliable respond to the SKYWARN location.
6. Prior net control experience is preferred or applicant must demonstrate the ability to conduct SKYWARN type net operations.
7. Must be able to follow established operating practices set forth in the SKYWARN constitution and accept verbal directions from the Steering committee and National Weather Service.

In addition, the applicant must be interviewed by the Steering Committee and meet additional criteria set forth in the Dayton Sections SKYWARN Constitution.

{We reprint this for the ideas it generates. '3' & '4' give rise to

{The following is taken from the minutes of the Danville, IL club:}

Larry KB9ANE and Bill KA9DSA report that the work on the repeater is completed. A 100 watt amp was installed which was turned back to 85 watts making the repeater put out 60 watts. The repeater has been cured of the static and the audio is changed due to the path it goes through in the controller. Gary KA9SKS purchased the controller for the club and the amp was donated by Bruce K9LOF and Jim W9KYG. Larry KB9ANE donated his time and work on the repeater. Bill KA9DSA says it is full scale in Champaign and Paris-35 miles. The repeater can also be Pled if we wish to.

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de THE FEEDLINE May-Jun 1996

Cass EMA Director Resigns

Just as The FEEDLINE was being finished it was confirmed that Cass County Emergency Management Agency Director, Dick Fry, is resigning effective May 3. Dick cited philosophical difference with the agency's Advisory Council.

There has been no word on a possible replacement, but CCARC President, Ed Norris, K9PSR, promised to stay abreast of the situation to protect the CCARC's interests. In his announcement, Dick had high praise for club members who have been active in EMA.

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A good masseur leaves no stern untuned.
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de THE FEEDLINE May-Jun 1996

We note from the above publication that they have commenced a Technician License study class on April 13th, and winding up on June 29th, just in time for Field Day, so they can get into action for that event. K9KRE

TIPPECANOE AMATEUR RADIO ASSOCIATION
 TREASURERS REPORT
 APRIL 9, 1996

DUES RECEIVED:

BRAD LOVETT KD9SF	96 DUES	\$ 6.00
GREG DEAN N9NWO	96 DUES	\$ 6.00
DARRYL ZACKMIRE N9RRQ	96 DUES	\$ 6.00
SCOTT RUMBLE WB9WLU	96 DUES	\$ 6.00
ANNA RUMBLE KA9NYW	96 DUES	\$ 3.00
HUBERT WOOD N7DUK	96 DUES	\$ 6.00
JULES LERZAK WB9SBV	96 DUES	\$ 6.00
GLENN WARD N9MIH	96 DUES	\$ 6.00
MARK MCGREGOR KB9KHM	96 DUES	\$ 3.00
KEN STOVER KB9BJW	96 DUES	\$ 6.00
JIM DARLING N92ND	96 DUES	\$ 18.00
		\$ 6.00
	TOTAL DUES	\$ 78.00

OTHER INCOME RECEIVED:

SAVINGS ACCT INTEREST	JAN, FEB, MAR	\$ 47.73
	TOTAL INCOME	\$ 125.73

DISBURSEMENTS:

PRINTING CHARGE, 100 CHECKS	\$ 12.30
TOTAL DISBURSEMENTS	\$ 12.30
STARTING CHECKING ACCT BAL 3/11/96	\$ 627.11
STARTING SAVINGS ACCT BAL 3/11/96	\$ 7411.22
CHECKING ACCT BAL 4/9/96	\$ 614.81
SAVINGS ACCT BAL 4/9/96	\$ 7458.95
CD NOTE #5146289 BAL 2/8/96	\$ 5681.72
CASH AND CHECKS ON HAND	\$ 86.00
TOTAL ASSETS	\$ 13841.48

RESPECTFULLY SUBMITTED
 JIM CANARECCI WA9TGO
 TREASURER 4/9/96

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 Never try to teach a pig to sing.
 It wastes your time and annoys the pig.

NEW MEMBERS
 & Et Cetra

KB9KHM Mark McGregor 583-0852
 9515 West 350 North
 Otterbein 47970

KB9KLM Mark Stover 884-0139
 6927 East 100 North
 Fowler 47944

(Check the coincidence in calls & first names)

There have been several changes & corrections, additions, and so forth since we last published a membership list. We will include them in a future edition as space permits.

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 Question: Why did the cow cross the road?
 Answer: Because it was the chicken's day off.

Lafayette Hamfest

It was a bad month for those that attend the hamfest. In checking the 'Silent Keys' in April 1996's QST, we found
 W9AUN, Wilbur Keaton, Gwynneville,
 W9CMB, James C Harsin, Demotte, &
 W9EI, Albert A. Rainous, Andrews.

You should remember W9EI if I mention he was a regular vendor, always dressed with shirt and tie, and looking like he was ready to go to the office.

We regularly find our attendees listed, but not normally three at a time.....K9KRE

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Dayton Hamvention
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de RF-CARRIER; XL # 8 Apr 96

{These figures were taken from a 'pie chart'. K9KRE}

HAMVENTION Expenses

- 1.4% Speakers
 - 2.2% Prizes
 - 2.5% Advertising
 - 2.6% Postage
 - 5.0% Food
 - 5.9% Security
 - 7.0% Other
 - 11.1% Bus Rental
 - 17.0% Printing
 - 19.4% Rental Charges
 - 26.0% Production Services
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de THE FEEDLINE Mar-Apr 1996

ATV Will Not "Do Dayton"

Due to the high cost, "poor" facilities, and the date change, there will be no ATV meeting and no ATV Quarterly booth at the Dayton Hamvention. Henry Ruh, KB9FO, group head, says he will "see how it goes" this year, then make a decision about 1997.

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de RF-CARRIER; XL # 8 Apr 96

A note for those interested in HAMVENTION exams: This year they will be by PRE-REGISTRATION ONLY. There are NO (ABSOLUTELY NO!) plans to accept walk-ins at the Meadowdale H. S. Testing. To pre-register, send a completed FCC form 610 (November, 1993 edition only) with copy of license, copy of any CSCE credit and check or money order for current test fee (\$6.05 made out to ARRL/VEC) to L. T. Jones W8RLW, 708 Mapleside Drive, Trotwood, OH 45426.

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Never buy anything with a handle on it. It means work.

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Dayton Hamvention
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de ShortSkip Vol XLIIII # 2; Feb96

Fleaspeak - how to interpret hamfest claims.

The boatanchors email exchange has been discussing flea market language, and how to interpret it.. "fleaspeak:"

"It was working when I removed it from service." (Translation: I unplugged it before it could actually set my hamshack on fire.)

"You should be able to find replacement tubes with no trouble at all." (Translation: They stopped making them in 1932.)

"This military gear is built like a tank." (Translation: It fell off the truck on the way here.)

"This is a classic rig." (Translation: I paid way too much for it, and now I want you to bail me out.)

"That's a fair price for this computer." (Translation: That's what I paid for it 6 years ago.)

"Sorry, cash only. No checks." (Translation: It doesn't work.)

"I guarantee it will work fine." (Translation: I'm not in the callbook.)

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A yawn may be bad manners but it's an honest opinion.

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de RF-CARRIER; XL # 7 Mar 96

Some early info about features coming this year at Hamvention

While some vendors have had to drop out because of lagging business, their spaces have been snapped up by other parties.

A couple of vehicles will be on display. The Mondo featured in the Feb. issue of 73 Magazine will be on the floor as will 2 Geo Metros, all tricked out with SGC gear. Also, the Royal Omani ARS will have a booth.

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Dayton Hamvention
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de RF-CARRIER; XL # 7 Mar 96

Hamvention Forum News
By Dave Forbes, KD8FO, Forums Chairman

The forums at the 1996 Dayton Hamvention will continue the tradition of offering more information than you could ever absorb in three short days, but we know you are up to the challenge.

On Friday, we'll have a special presentation on the role amateur radio played in the aftermath of the Oklahoma City bombing, along with the AMSAT, TAPR Digital Radio, Antenna, Using Ham Radio in the Classroom, County Hunters, and the Electric Safety Demo.

On Saturday, things get really busy because we've moved several forums from Friday and Sunday to allow us to improve the facilities. Some of you may have experienced the limitations of Room 7 during the last few years. You'll be pleased to know that Room 7 has been eliminated. We have made arrangements for three forum rooms at the Meadowdale High School, which is located just a half mile from HARA. MHS is where we have the alternate activities and the license exams, and is regularly served by our free busses. This year, we have scheduled seven forums for MHS on Saturday only, and we have beefed up the bus coverage to assure that those who want to attend the forums at MHS will have the quickest trip that we can provide, both going and coming. The forums at MHS include: Combined QRP, Media and Ham Radio, Firebirds, Operating Techniques for New Hams, International Hungarian AARC, OSSBN, and Logging Programs. The Alternate Activities, including a luncheon, and the License Exams will also be at MHS on Saturday.

Saturday has always been the big day for forms at Hamvention, and it may take some planning to

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Dayton Hamvention
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get to all of the ones that interest you. Forums at HARA include DX, Contesting, MARS, Amplitude Modulation, YLRL, Amateur Radio and the INTERNET, Weather Satellites, Geritol Net, SSTV, ATV, ARES, Youth in Amateur Radio, PACTOR, Direction Finding, VHF/UHF/Microwave, Digital Digest, AMSAT, Tech Talks, and the electrical safety demonstration.

Then on Sunday, the choices include FCC, ARRL, Amateur Radio and the Law, Amateur Radio Repeater Operation, Mobile Radio Installation Tips, 10-10 International, Scanner/SWL, Bicycle Mobile Hams, Lightning Protection, and the electrical safety demo.

There really is so much to take in just from the forums that it might be worthwhile to just skip the vendors and the flea market. But I doubt that you'd really do that!

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de RF-CARRIER; XL # 5 Jan 96

**N6TX to be featured at
Hamvention Banquet**

This year's Hamvention banquet speaker will be Dr. Paul Shuch, N6TX, executive director of SETI League, a non-profit group originally set up to support the search for extraterrestrial intelligence.

Shuch's article "Searching for Life Among the Stars," appeared in the August, 1995 QST. According to several reports, he was also an entertaining speaker at this summer's Midstates VHF/UHF conference in Colorado Springs.

Interested hams are urged to get tickets early, as space is a bit limited this year due to other, non-Hamvention, activities at the Convention Center.

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Dayton Hamvention
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de RF-CARRIER; XL # 8 Apr 96

**More on Ham-
Vention Forums**

By Dave Forbes KD8FO

Friday, May 17

AMSAT will spotlight SAREX and using the currently orbiting birds

The TAPR Digital Radio forum will offer the latest on the subject of high speed digital communication.

Saturday, May 18

Saturday at HamVention wouldn't be complete without the DX and Contest forums, where you can see and meet the biggest of the big guns.

A forum on Amateur Radio and the INTERNET will show how to use the NET as a tool to access information and software of interest to radio amateurs & shortwave/scanner listeners.

The Slow Scan TV forum will talk on hardware and software, as well as one on SSTV DXpeditions.

At the VHF/UHF Microwave forum, you can learn about hair-pin antennas, hardlines coax cable, heat-sinking microwave devices, and fractal antennas (for all of you chaos fans).

The Digital Digest program includes talks on demodulators and Digital Signal Processing (DSP).

The Saturday AMSAT forum includes a Phase-3D Team panel discussion and a how-to on getting your station ready to use the newest satellite.

The Tech Talks will cover the impact of all the new wireless

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Dayton Hamvention
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technologies on amateur radio, and a demo of a new digital filter.

Of course, many organizations hold annual meetings at HamVention

Sunday, May 19

A forum on Repeater Operations will provide new hams with an appreciation for the effort required to put a repeater together and get it on the air, not just technically, but also the logistics and occasional politics which may be involved.

As a followup, there will be a forum on Repeater Frequency Coordination which will give you the opportunity to hear some proposals being prepared for the FCC regarding an increased role for frequency coordinators in resolving interference problems.

If you are a fan of Drake equipment, there will be a forum just for you to meet others who share your interest.

Got a new rig to install in your vehicle? The Mobile Installation Tips forum will provide some helpful facts to relieve the anxiety of tearing into your shiney new wheels.

This short list can't begin to cover every forum, but it will hopefully whet your appetite. Check the HamVention program book for details.

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It's HamVention time, do you have your tickets yet? Keep your eyes open for tickets 199 & 200 in the prize drawings, and tickets 1 & 2 at the Alternate Activities. And if you see them, alert K9FGX &/or K9KRE. I hope those low numbers aren't an indication of low attendance that some are forecasting

(Some of you may not remember this fellow, but he was rather active in Amateur Radio activities when he was at Purdue University a few years back.....K9KRE)

de QST

April 1996

*Ted Rappaport, N9NB, has been named a full professor at Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, Virginia. Rappaport founded the Mobile and Portable Radio Research Group within Tech's Bradley Department of Electrical Engineering. He specializes in wireless communication and has contributed to research into radio wave propagation within buildings and in local areas. A graduate of Purdue University, Rappaport joined the Virginia Tech faculty in 1988. A profile of Rappaport appeared in July 1995 QST.---MPRG
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W A 9 H K K

Fran is now back home after an 8-day stay in the hospital for an operation. I am quit sure that healing will be uncomfortable, but after many (many) visits to the doctor and hospital, and the anxiety of not knowing what was wrong, I would think that the present discomfort is less painful than the uncertainty. K9KRE

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Attendance

March 27th Program Meeting

KF9WX	KB9KLM	WA9LYC	KF9CT
N6CXB	KB9KHM	KB9KNR	WB9SWD
KB9BJW	N9MIH	KB9LSE	N9NWO
N9RRQ	K9KF	W9BZF	W7YE
N9ZND	WA9TGO	W9IMU	WB9QPG

for a total of 20. That has to be the best turn-out for a program for some time. Thanks to W7YE....
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Patience is the ability to put up with people you'd like to put down

From the President's Desk:

For those of you who did not attend our TARA meeting on April 9, we did have a productive meeting. The usual Treasurer's and Secretary's reports were given or approved as read. Charlie, N9VLW reported he had received approval from the his Military friends to supply a large tent for our use on FD. He has obtained a repair manual for our generator but is still looking for a parts manual.

Jeff Stewart reported on the Planning Committee's meeting. They are recommending that we replace or re-do the antennas at the Red Cross building and also improve some equipment on a selective basis. Older computers are available and the group approved the purchase of a '386 used computer as a start. We will also look at the purchase of a second computer for the satellite-UHF-VHF station. Our old computer will be put in the FD auction. More detailed notes can be read in this "Tattler" by the Secretary.

We need to be thinking of the stuff we want to donate to the FD auction to be held the last Wed. meeting in May.

The Red Cross is installing a new security system and in fact called me yesterday (Wed., 4/10)--to schedule a meeting by the security people to explain the new system. Those of you with keys will have to learn the new system so you don't set off the alarm and bring the POLICE to investigate. (Our keys will still be used to get in- but then the alarm will have to be reset so it doesn't go off.)

We have a VE test scheduled for April 27. Sat., at 1:30. Those of you on the team will receive a call from me the night before, Friday, to remind you. It is one of the four sessions scheduled for this year.

Ed Delp is going to talk on the next program nite on April 24. His topic is the INTERNET.

I promise that on that night we will take the pictures for the Buckmaster CD ROM so come with your face shaved and your hair slicked down for your picture for "posterity".

73, Bob Martin

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M I N U T E S

of the April Business Meeting

The Secretary (very faithful Secretary) could not attend the meeting. and minutes were taken by the Vice-President, forwarded to the Secretary for putting them in form, and should be available just after this edition goes to press. Look for them next month.....K9KRE