

P r o g r a m N i g h t

Wednesday, February 23, 2000

by N9DKI, Tim Miller

a presentation on packet

PLUS

KF9UP, Jeff Stewart

will present an introduction to ARESPACK, a simple packet radio control program

W5BWN lost \$12.00 at the February 8th meeting

2-----Drawing March 14 for \$18.00-----0

TTTTT	AAA	RRRR	AAA	President	N9GKE	Bruce Stewart
T	A A	R R	A A	Vice-Pres	WB9NIF	Steve Van Frank
T	AAAAA	RRRR	AAAAA	Secretary	W9YE	Bob Martin
T	A A	R R	A A	Treasurer	N9ZFG	Major Sherwin
T	A A	R R	A A	Director	WB9SWD	Curtis Sherwin
				Hamfest	WB9BRX	David Dull

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

- 23FEB00 WED 1930 Program Meeting
by Tim Miller, N9DKI, a presentation on packet radio,
+ Jeff Stewart, KF9UP, an introduction to ARESPACK,
a simple packet radio control program
- 26FEB00 SAT 1300 VE testing session at W9REG
- 26FEB00 SAT 0800-1400 LaPorte ARC Hamfest, LaPorte A/ARRL
The LPARC Cabin Fever Hamfest, La Porte Civic
Auditorium, 1001 Ridge, Talk-in 146.52 &
146.01/61 (PL 131.8), \$5.00
- 12MAR00 SUN 0800 Indiana Hamfest & Computer Show, State Fairgrounds
All indoors, Paved parking lots, Forums, Over 500
tables, Many Nationally Advertised Commercial Dealers,
Flea Market, Talk-in 147.06 Repeater
- 13MAR00 MON State-wide weather drill
- 14MAR00 TUE 1930 Business Meeting
- 16MAR00 THU 1900 Annual Storm Spotters class @ County Extension Office
- 22MAR00 WED 1930 Program Meeting
by Dave Filmer, WB9QPG, a presentation on AMSAT
- 25MAR00 SAT 0900-1200 Meeting of ARC officers at U of I, Indianapolis
- 25MAR00 SAT Columbus ARC Hamfest, Columbus A/ARRL
- 25MAR00 SAT Michigan City ARC Hamfest, Michigan City A/ARRL
- 11APR00 TUE 1930 Business Meeting
- 26APR00 WED 1930 Program Meeting
by J. B. Van Sickle, K9KRE, a review of standing
motions and other issues, so of which appear to be
adhered to (& are not), others that need modified,
and some that need rescinded, should be particularly
of interest to new members over the last twenty or so
years.....
- 9MAY00 TUE 1930 Business Meeting
- 19MAY00 }
- 20MAY00 }-- **Dayton Hamvention** (The Ham Event)
- 21MAY00 }--- hosting the AR ARRL National Convention
- 24MAY00 WED 1930 Program Meeting, Field Day Auction
- 4JUN00 SUN Starved Rock Radio Club Hamfest, Princeton, IL A/ARRL
- 11JUN00 SUN Six Meter Club of Chicago Hamfest, Wheaton, IL A/ARRL
- 13JUN00 TUE 1930 Business Meeting
- 18JUN00 SUN Lake County ARC Dad's Day Hamfest, Crown Point A/ARRL
- 24JUN00 SAT FIELD DAY
- 25JUN00 SUN FIELD DAY

Tippecanoe Amateur Radio Association

Minutes of the January 8, 2000 Business Meeting

Meeting called to order at 18:40 by President Bruce Stewart, N9GKE.

In attendance:

Bruce Stewart, N9GKE
Jack Freeman, KF9CT
Jim Haines, KB9RLT
Tim Gennett, K9WX

Jeff Stewart, KF9UP
Tim Gardner, KB9JDE
Curtis Sherwin, WB9SWD
Major Sherwin, N9ZFG

In the absence of the Secretary, the minutes were recorded by KB9JDE.

The December 1999 minutes were read by N9GKE. Several corrections were noted:

- 1) WB9SWD (not N9ZFG) offered his services to the antenna committee.
- 2) The Barbershop Quartet that performed at the TARA banquet is a female group, not a male group.
- 3) WB9NIF's name was misspelled. The correct spelling is Steve Van Frank.

WB9SWD moved and KF9UP seconded that the minutes be accepted with these corrections. Motion passed.

N9ZFG read the Treasurers Report. Income was \$130.89 with expenses totaling \$453.09. Final balance is \$11,537.39. WB9SWD moved and KF9CT seconded that the Treasurers Report be accepted. Motion passed.

OLD BUSINESS

N9ZFG announced that a due to an accounting error, when N9SBZ recently paid his dues, he was incorrectly credited with payments through 2009. The correct year is 2008. The Treasurers records have now been corrected.

N9ZFG noted that it has been discovered that we have no record of payment to the performers at the 1999 Banquet. This was apparently due to some miscommunication between TARA and the magic club at the time. WB9SWD is checking with the magic club to verify that they have no record of our payment. Unless the magic club records show that a payment was made, he will notify the treasurer to make the appropriate payment (\$50, which has already been approved and requires no further voting action).

N9GKE announced the following Program Meeting schedule. Contact Bruce if you have ideas or requests for these or other meetings.

- | | |
|--------|---|
| Feb 23 | Tim Miller, N9DKI, will present a session on Packet Radio. KF9UP will present an introduction to ARESPACK, a simple packet radio control program. |
| Mar 22 | AMSAT presentation by Dave Fillmer, WB9QPG. |
| Apr 26 | Review of standing motions and perhaps other issues by J.B. Van Sickle, K9KRE. |
| May 24 | Field Day Auction |
| Jun 28 | No meeting, as Field Day is the previous weekend. |

Tippecanoe Amateur Radio Association

Minutes of the January 8, 2000 Business Meeting

- Jul 26 Tentatively a presentation on antenna modeling software.
- Aug 23 Possibly no meeting as the Hamfest is the previous Sunday. Perhaps this time will be used as a Hamfest review.

At the December 1999 meeting, it was decided to dispose of the old generator. Jim Canarecci, WA9TGO, has offered to buy it for \$20. The consensus was that he should take it, but transportation is entirely up to him.

NEW BUSINESS

WB9NIF has reported that the new MFJ Differential-T antenna tuner is finally in place, and connected to the Yaesu FT847. Coax cabling work is still underway. For the time being, use switch position COAX-1 for the 40/80m dipole and COAX-1 Bypass for the 10/15/20m beam antenna.

N9GKE noted that a meeting is being held for Amateur Radio Club officers in Indianapolis on March 25. Clubs all over the state have been invited to participate. This purpose is to address some of the general issues facing clubs. The meeting will be held at the University of Indianapolis campus in the DeHaan Fine Arts Center, 9:00 to 12:00 noon. Any member wishing to attend should contact N9GKE for details.

N9ZFG noted that our AMSAT membership expires in March. KB9JDE moved and K9WX seconded that we renew for another one-year period. Motion passed.

KF9UP announced that the annual Storm Spotters class is scheduled for Thursday, March 16 at 7:00pm. As in the last few years, the location will be the County Extension office on Sagamore Parkway (just south of the mall).

KF9UP also announced that the state-wide weather drill will be conducted on March 13.

WB9SWD suggested that it may be time to once again offer club T-shirts. K9WX will investigate and present an offering at the February meeting.

KF9UP announced that the next VE testing session will be conducted on February 26 at 1:00pm at the Red Cross.

The drawing for \$12 was made and Clyde Crowder, W5BWN was selected. He was not present, so the March drawing will be for \$18.

N9ZFG moved and KF9CT seconded that the meeting be adjourned. Motion passed.

Treasurer's Report
January 1, 2000 through January 31, 2000

Income Received:

	<u>Date</u>	<u>Amount</u>
Bob Lusby K9FOH Dues 2001	1/8/00	\$6.00
JB & Nellie Van Sickle K9KRE & K9FGX Dues 2000	1/8/00	\$9.00
Steve Van Frank WB9NIF Dues 2000	1/11/00	\$6.00
Jim Haynes KB9RLT Dues 2000	1/11/00	\$6.00
John Baugher N9JEA Dues 2000 & 2001	1/11/00	\$12.00
David Dull WB9BRX Dues 2000	1/11/00	\$6.00
Major Sherwin N9ZFG Dues 2000 & 2001	1/11/00	\$12.00
John Martin KB9OQC Dues 2000	1/15/00	\$6.00
Margel Weber WB9USL Dues 2000	1/15/00	\$6.00
Steve Stombaugh Dues 2001 & 2002	1/19/00	\$12.00
Bob Smith Jr WB9VAL Dues 2000 & 2001 & 2002	1/22/00	\$18.00
Sam Brummett N9XPZ Dues 2000	1/22/00	\$6.00
Jack Ott K9AHX Dues 2001	1/26/00	\$6.00
Bob Martin W9YE Dues 2000	1/26/00	\$6.00
Clarence Vaughn W9IMU Dues 2000	1/27/00	\$6.00
Interest on Savings	1/31/00	\$7.89
Total Income:		\$130.89

Disbursements:

Bureau of Motor Vehicles - Trailer Licence Renewal	1/8/00	\$20.75
Steve Van Frank - Tuner and Cabling supplies	1/15/00	\$332.34
From the Heart - Banquet Entertainment	1/26/00	\$100.00
Total Disbursements:		\$453.09

Summary:

Beginning Checking Account Balance	1/1/00	\$224.19
Beginning Savings Account Balance	1/1/00	\$4,777.97
Beginning Value of CD (Issued 11/08/95, APR 4.20%)	1/1/00	\$6,806.43
Beginning Cash on Hand	1/1/00	\$51.00
Beginning Assets:		\$11,859.59
Ending Checking Account Balance	1/31/00	\$145.10
Ending Savings Account Balance	1/31/00	\$4,585.86
Current Value of CD (Matures 5/8/00)	1/31/00	\$6,806.43
Ending Cash on Hand	1/31/00	\$0.00
Ending Assets:		\$11,537.39

Major W. Sherwin

Major W. Sherwin N9ZFG
Treasurer

TARA Meeting Attendees		Date: 2-8-00
Name	Call	Count
Major Sherwin	N9ZFG	1
Jim Haynes	KB9RLT	2
Curtis H. Sherwin	WB95WD	3
TIM GENNETT	K9WX	4
JEFF STEWART	KF9UP	5
JACK D FREEMAN	KF9CT	6
Tim Gardner	KB9JDE	7
R Stewart	N9CKR	8
		9
		10

SPREAD SPECTRUM INVENTOR, ACTRESS HEDY LAMARR, DIES

Hedy Lamarr, the sultry, sexy screen star of the 1930s and 1940s who also conceived the frequency-hopping technique now known as spread spectrum, has died. She was believed to be 86.

Born Hedwig Kiesler in Austria, Lamarr came to the US in 1937 after being signed by MGM. Among her most successful films was the 1949 Samson and Delilah, directed by Cecil B. DeMille.

In her 1992 book *Feminine Ingenuity*, Lamarr describes how she came up with the idea of a radio signaling device for radio-controlled torpedoes that would minimize the danger of detection or jamming by randomly shifting the frequency. She and composer George Antheil developed the concept and received a patent for it in 1942.

The concept never saw fruition during World War II, but when the patent expired, Sylvania developed the idea for use in satellites. Spread spectrum also has found applications in wireless telephones, military radios, wireless computer links, and Amateur Radio experimentation.

"I read the patent," Franklin Antonio, chief technical officer of the cellular phone maker Qualcomm Inc, said in 1997. "You don't usually think of movie stars having brains, but she sure did."

Lamarr lived in an Orlando, Florida, suburb in recent years and shunned publicity.

A more-detailed version of Lamarr's role in spread spectrum is described in the IEEE book *Spread Spectrum Communications*, published in 1983.--thanks to Andri Kesteloot, N4ICK and Bill Ricker, N1VUX

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* Mini-bios on QRZ.com: QRZ.com says it now has more than 14,000 mini-biographies of Amateur Radio operators on-line along with its call sign database, with dozens of new listings arriving daily. QRZ.com says it is now possible to instantly search through the entire collection of biographies to find other hams with similar interests, backgrounds or other hobbies. Any combination of keywords may be searched. Check it out at <http://www.qrz.com/biosearch.html> --QRZ.com/Fred Lloyd, AA7BQ

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*Motorola researching methanol batteries: According to a Reuters report, Motorola researchers and scientists at the Los Alamos National Laboratory are working on a new mini-battery for wireless devices. The fuel cell, which uses methanol as the power source, reportedly will last 10 times longer than batteries used today. But, consumers will have to wait for at least three years to see them in stores. The battery will be packaged in a see-through tube, so users can check their battery supply at any given time. The cost of the methanol batteries should be in line with current power supplies, Motorola says.--Reuters

Herb Johnson, W6QKI--who founded Amateur Radio equipment manufacturer Swan Electronics in the 1960s--died February 1. Johnson, who lived in Cardiff, California, was 79 and had been in ill health for several years. According to Gary Smith, VE4YH (proprietor of the VE4YH Virtual Swan Museum, <http://www.pcs.mb.ca/~standard/>), Swan Electronics, then Swan Engineering, began during the winter of 1960-1961 as a one-man operation with Johnson, then W7GRA, building the first 10 Swan SSB rigs in a garage in Benson, Arizona.

Swan moved to California in 1962 and became a subsidiary of Cubic Corporation in 1967. Amateur equipment production continued until around 1979. In its heyday, Swan cranked out some 400 transceivers a month from its Oceanside, California, plant. Swan also manufactured station accessories.

Johnson subsequently formed Atlas Radio, which produced solid-state transceivers, including the popular Atlas 210. In 1995, a revived Atlas Radio promised to produce a new-generation Atlas 400X and even collected deposits and full payments for radios it ultimately failed to deliver or which failed to meet expectations. Johnson conceded in 1996 that he had "wandered into a mire of technical problems" in trying to design a new Atlas HF rig. He said he personally lost thousands of dollars on the revived Atlas Radio venture and estimated that as many as 250 hams had made deposits, while only a few ever saw their money again. Many hams complained to the ARRL, and a few sought legal action against Atlas Radio.

Other hams who invested in Atlas Radio also were left in the cold. In 1995, a company called O.M. Radio struck a deal to take over Atlas Radio's assets and manage the company. O.M. Radio also operated an Atlas Radio repair service and even promised to make good on delivering the new transceiver, but nothing ever came of the effort.

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* Court of Appeals upholds FCC preemption on RFI issues: The US Court of Appeals for the 10th Circuit has upheld FCC preemption of RFI issues. In Southwestern Bell Wireless Inc v Johnson [Kansas] County Board of County Commissioners, the court invalidated a zoning regulation adopted by the county that permitted the county zoning administrator to determine that a communications tower or antenna was causing interference to public safety communications and to order the site to cease operations. The county included a restriction that tracked the terms of the regulation in a conditional-use permit to construct a 150-foot tower to be used by Southwestern Bell. Southwestern Bell successfully sought a declaratory judgment that the regulation was preempted by federal law. On the county's appeal, the Tenth Circuit held that Congress intended the FCC to have exclusive jurisdiction over RFI matters, leaving no room for local regulation. In a Ham-Law Reflector posting, ARRL Volunteer Counsel Edward Ricco, N5LI, says the decision "should be of value to those continuing to encounter problems with local government efforts to regulate antenna structures by purporting to regulate RF interference."-----Edward Ricco, N5LI/Ham-Law Reflector

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* Ham was aboard Flight 261: At least one Amateur Radio operator reportedly was aboard the ill-fated Alaska Airlines Flight 261 that crashed into the Pacific this week. According to Dianna Killeen, KB6NAN, the passenger was Robert A. "Bob" Ost, KC6ZUC, a Technician class licensee from San Bruno, California. Killeen reports Ost was a fireman and a hang glider and "a great guy." He also was Killeen's "Elmer." Ost was 39 years old. His wife Ileana and infant daughter Emily also were aboard Flight 261.

ABOUT THE HAMFEST

We added 49 to the list, 23 were non-hams. Also had to change 168 zipcodes for the Hamfest and Tattler mailing labels. Made for a lot of busy work. Anyway both are hopefully up to date, and Hamfest labels have been printed.

A/K9KRE

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Committee: A body that keeps minutes and wastes hours.

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Dues

It would appear that the following members have let their dues expire (not taking into account that those who may have paid since January 31st (we have checks here from W9YIP & WB9SBV to forward to the Treasurer)

PLEASE take appropriate action with the Treasurer.....

- N9KWJ Conner, Larry
- W9BZF Vavrus, August Robert
- WD9JLN Bressler, Charles I
- K9JWI Mauck, Clyde B
- K9LYA Collison, James A
- WB9QQZ Bender, Charles R (Dick)
- WB9SBV Lerzak, Jules J
- WB9SWD Sherwin, Curtis L
- WA9TGO Canarecci, James D
- W9YIP Edwards, John P
- WB9WLU Rumble, William Scott
- KA9NYW Rumble, Anna L
- KE9OV Steill, Daniel
- N9NWO Dean, Greg A
- WZ9A Johnston, Robb R
- N7DUK Wood, Hubert C
- N9MIH Ward, Glenn A
- K9DV McCormick, David M
- KF9VA Critser, Steve
- AA9LL Stine, George H
- N9UFP King, David C
- N9XTN Conner, Mark D
- KB9LKD Hardesty, Tony
- KB9JDA Diener, Mike
- W5BWN Crowder, Clyde L
- KB9SST Springer, Phil
- KB9SSS Hoggatt, Dana
- Pelton, Malcolm

IF YOU HAVE LOANED OR DONATED EQUIPMENT TO THE CLUB, PLEASE READ THIS!

We are making an effort to dispose of our surplus equipment. Some of the surplus equipment was loaned or donated to us. We want to give the original owners the chance to reclaim any surplus equipment before we dispose of it. We need to determine, if possible, the original equipment owners. If you have loaned or donated equipment to the club or you know someone who has, please contact Steve Van Frank WB9NIF

at 448-6262 or wb9nif@arrl.net.

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The government deficit is the difference between the amount of money the government spends and the amount it has the nerve to collect.

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Tippecanoe Amateur Radio Ass'n

Banquet Meeting, Wed., 1-26-00 held at the "Old Country Buffet".

Members gathered at 6:30 to eat after going thru the line.

No business was transacted. The "From the Heart" ladies barbershop quartet from the local "Sweet Adelines" chorus then entertained us for 30 minutes. They were good musicians and we enjoyed their music very much. The meeting then broke up at 8:15 pm.

- Attending were:
- W9YE, Bob and Pat Martin
 - KF9UP, Jeff Stewart
 - N9ZFJ, Debbie Stewart
 - N9ZFG, Major Sherwin
 - WA9LYC, Jim Davis and Elizabeth
 - K9WX, Tim Gennett
 - KB9JDE, Tim Gardner and wife
 - WD9DSJ, Jon Wiggins
 - WB9SWD, Curtis Sherwin
 - Guest, Cynthia Sherwin
 - WB9BRX, Dave Dull
 - K9KF, Tom and Carolyn Kuespert