



# The ***E-VOX***

## The Official ***On-Line*** Newsletter of the



# **Lehigh Valley Amateur Radio Club - W3OI**



**Allentown, Pennsylvania** (Lehigh County) - **USA**

### **Officers**

**President: Mark S. Miller - AK3M** (AK3M@rcn.com or AK3M@arrl.net)

**Vice President: Walt Snyder - KE3SP** (SBWALLY@aol.com)

**Secretary: Rod Wolfe, Jr. - KB3HFZ** (rjwolfe@rcn.com)

**Treasurer: Paul Ryan - NOKIA** (nokia@arrl.net)

### **Board of Governors**

**Chris Kelly - N3RPV** (ckelly@ckelly.tv)

**Larry Miller - NR3R** (milla@enter.net)

**Carl Seier - AA3IX** (aa3ix@ptd.net)

**Robin Gable - KB3GZV** (kb3gzw@arrl.net)

**Jim Kelly - KA3UQP** (kellyj6@ptd.net)

**E-VOX Editor - Mark S. Miller (AK3M)** (AK3M@rcn.com) or AK3M@arrl.net)

**Webmaster- Paul Ryan NOKIA** (nokia@arrl.net)

### **Repeaters**

**146.340/146.940 (PL 71.9)**

**147.735/147.135 (PL 167.9)**

**Simplex: 147.420**



### **RACES NET**

**Every Monday at 7:30 (ET)**

**146.34 / 146.94 (PL 71.9)**

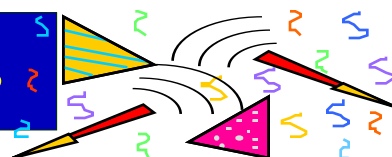
**All are welcome !**



**W3OI Home Page: <http://www.w3oi.org>**



## January, 2004 Contents



Meeting Information .....	page 3
L.C. RACES Net Information .....	page 3
This Month In Ham Radio .....	page 4
Minutes of the December, 2004 Meeting .....	pages 5 - 6
LVARC Program Chairman Wants to Hear From Yo.....	page 7
Dues Are Due .....	pages 8
LVARC Activities .....	pages 9
Radios I Have Owned or Own .....	page 10
Kid's Night .....	page 11
LVARC Holds Dinner Meeting .....	page 12
Odds & Ends .....	page 13
For Sale .....	page 14
VE Test Session Report .....	page 15
2004 Election Report .....	page 16
Children's Ham Publication / President's Message.....	page 17
LVARC Membership Form .....	page 18
Lehigh County RACES Form .....	page 19
The 2003 Annual Holiday Party .....	page 20
Misc. Information .....	page 21
The LVARC In 2004 and YOU! .....	page 22

Happy New Year  
2004





**The January Meeting will be held at  
the Red Cross Building on  
Tuesday January 6, 2004 at 7:30 pm.**

**Program: LVARC Plans for 2004**  
*"Where Is The LVARC Going In 2004"*



## LVARC / RACES NET

Don't forget to check into the Monday Night  
LVARC/RACES Net on 146.94 (PL 71.9) with an  
alternate frequency of 147.735/147.135 (PL 167.9)  
The Net begins at 7:30 pm local time.

**Many club announcements**  
**will be heard there !**



### Monday Night RACES/ARES Check In Summary 2003

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Mondays</u>
January	86	4
February	94	4
March	85	5
April	81	4
May	80	4
June	112	5
July	88	4
August	86	4
September	109	5
October	77	4
November	81	4





## This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>January 2004</b> 				 <b>New Year's Day - 2004</b> <b>Straight Key Night</b> 1		
<b>ARRL Kid's Day</b> 4	<b>ARES RACES Net 7:30</b> 5	<b>LVARC Meeting Red Cross 7:30</b> 6				
	<b>ARES RACES Net 7:30</b> 11				<b>LVARC VE Test Session 7:00 pm</b> 16	
	<b>ARES RACES Net 7:30</b> 18					<b>ARRL Jan. VHF Sweeps</b> 24
<b>ARRL Jan. VHF Sweeps</b> 25	<b>ARES RACES Net 7:30</b> 26					

**LVARC Meeting -Tuesday January 6, 2004 7:30 pm**  
**LVARC VE Test Session - Friday January 16, 2004 7:00 pm**

**Minutes of the December, 2003 Meeting**  
**de Rod (KB3HFZ), Secretary - LVARC****Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes**

Date: December 2, 2003

Meeting Called to Order by President Miller at 1934 Hrs, EST.

Pledge of Allegiance and a moment of silence were held in observance of silent keys.

Sign-in Sheet Circulated, with 20 members and 1 guest in attendance.

There were no corrections/additions of minutes as printed in E-VOX.

Treasurer's Report (Paul - N0KIA)

Paul was not present this meeting.

**Committee Reports:****Repeater**

Jeff N3MFT reports that the 94 machine is operational, and the 135 machine is again off the air for the winter. Rod KB3HFZ added that Harold WZ3L was up to the site to see if the problem was the same as last year, but this year the receive crystal is not oscillating. Harold will need more time to look at it. Jeff mentioned that he would investigate obtaining new crystals for an old city machine. The 135 machine has been on the air in some form or another for around 30 years, and it is time to retire it.

Robin KB3GZV reports that he noted a degradation of signal quality at his home QTH on 94, since the antenna replacement.

**Program**

Phil KB3HMK has programs lined up for the majority of the year already. Please contact Phil if you wish to help or have any additional ideas.

**Volunteer Examiners**

Mark AK3M reports that the last VE session was for a successful upgrade from Tech Plus to General Class.

**OLD Business**

1. Mike Vanpoots KB3KEJ had submitted an application and paid dues to the club two months ago. Due to both Pay Pal delay and oversight, Mike's application was not acted on promptly. A motion was made by Rod KB3HFZ and seconded by Malcolm N3XRL to accept Mike as a member of W3OI. All were in favor and the motion carried. President Miller welcomed Mike to the club and apologized for the delay in the membership processing.



2. President Miller reminded club members that operation HO HO is slated to occur on December 14 at 10 am. President Miller once again explained the event and noted that there were nine members interested in participating. If anyone else wants to help out, they should contact him.

#### **New Business**

1. President Miller received information that Bruce KA3ONZ is back in the hospital. A card was circulated for the membership to sign.
2. As a reminder, we are accepting the dues for 2004.
3. President Miller brought his camera to take photos for the club's web page. The photos will occur after the meeting.
4. The annual election of officers was held with the recording secretary KB3HFZ verifying membership and counting votes. There was a tie for the fifth Board position, and after some brief discussion Frank W3FTU consented to Robin KB3GZV. The following members were elected to office for 2004: President Mark Miller, Vice President Walt Snyder, Treasurer Paul Ryan, Secretary Rod Wolfe, Board Members: Jim Kelly, Larry Miller, Carl Seier, Chris Kelly, Robin Gable. The ballots will be kept on file with the recording secretary for one year.

#### **New members/Guests**

The club welcomed new member Mike Vanpoots KB3KEJ.

One guest was welcomed to the club meeting. Willie Robertson is interested in amateur communications, and is currently studying for his license. The club hopes to see Willie again and encourages him to join the club.

The LVARC Monthly Business Meeting Closed at 2008 hrs, EST.

Motion by: Mark K3MP

Second by: Carl AA3IX

In favor: All


Nightly Program: Club members enjoyed good conversation and good food.

Respectfully Submitted de KB3HFZ, Secretary

<b>\$\$\$ W3OI Finances \$\$\$</b>	
<b>Balance as of 12/31/2003    unavailable</b>	




**For those who read the newsletter  
and for those who attend LVARC  
meetings.....**



TAKE THIS CUPON TO THE  
JANUARY 6, 2004 MEETING  
TO BE INCLUDED IN A  
SPECIAL DRAWING!

(Must be present to win)



S  
P  
E  
C  
I  
A  
L

D  
R  
A  
W  
I  
N  
G

January 6, 2004

Call \_\_\_\_\_

## LVARC Program Chairman Wants to Hear from YOU !

Phil Bigg (KB3HMK), the LVARC's new program chairman, wants to hear from you, the members. If you have a subject that you would like to learn about, if you are willing to present a topic or if you have any suggestions for the LVARC programming, contact Phil at [philbert@enter.net](mailto:philbert@enter.net) or catch Phil on the Monday Night Net.





## 2004 Dues Are Due

Dues keep the LVARC strong and allow us to contribute to Operation Ho Ho and the ARRL, buy pizza and finance Field Day and more. Dues are one way the LVARC stays "afloat." The good news, is that **dues will REMAIN THE SAME AS LAST YEAR!**

**Regular Dues (includes autopatch) ..... \$17.00**

**Family Dues ..... \$3.00**

**Associate (non-ham) ..... \$5.00**

**Send your dues to:**

**Paul Ryan (N0KIA)  
5814 Lindbergh Street  
Orefield, PA 18069-2250**

**or pay Paul at the  
January, 2004 meeting**

**or pay at the club's web site.**

**Make checks payable to: *The Lehigh Valley Amateur Radio Club***

**Please notify Paul of change of address, email or phone number(s).**

## Why Join/Renew Membership In the LVARC ?

**Why should you join the LVARC? What do you get for your membership? What does the LVARC have to offer?**

You get great programs, a monthly newsletter, dinner meetings, soon to be Tech classes, Field Day, a terrific web site, informative, friendly members, a holiday party, special programs (Operation Ho Ho), participation in community activities, group ARRL purchases, a dedicated RACES/ARES program, pizza meetings, access to an autopatch and **much more!!**

**I'm gonna re-new now !!!**







## LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



**Monday January 5 --- LC RACES/ARES Net - 7:30 pm (146.94)**

**Tuesday January 6 --- LVARC Meeting -7:30 pm - Red Cross**

**Monday January 12 --- LC RACES/ARES Net - 7:30 pm (146.94)**

**Friday January 16 --- LVARC ARRL VE Test Session - 7:00 pm**

**Monday January 19 --- LC RACES/ARES Net - 7:30 pm (146.94)**

**Monday January 26 --- LC RACES/ARES Net - 7:30 pm (146.94)**

2  
0  
0  
4

There will be additions and deletions to the above dates.  
Listen to the Monday Night Net, the newsletter and  
announcements at meetings for changes.

### Proposed LVARC 2004 Programs/Activities (This is only a PROJECTION of activities-subject to change)

January -

February - **Dinner Meeting** at the Lehigh Valley Diner - **6:00 pm**

March - Lou (KF2WO) to speak on **HF tubes**

April - Paul (N0KIA) and Robin (KB3GZV) to present **aircraft communications**.

May - Frank (W3FTU) to present **Old Radio Restoration**

June

1. **Preparation for Field Day** - at the business meeting

2. **Field Day - June 26 27, 2004**

July - **LVARC Picnic**

August - **LVARC Deep Sea Fishing Trip**

September

October - **Nomination of officers for 2005**

November - **Close nominations for officers**

December

1. **Election of officers for 2005**

2. **Operation "Ho Ho"**

3. **Annual Holiday Party, 2004**

## Radios I Have or Have Owned (de AK3M)

Feeling nostalgic for my old radios, I did some surfing and found pictures of them all! **Let's see/hear about your old radios!** A good place to start is <http://www.rigpix.com/index.shtml>.



Heathkit HW32A

HF



Heathkit HW-16



Heathkit SB-104



Kenwood TS-430S

VHF / UHF



Heathkit  
"Tower"



Yaesu  
FT-207R



Azden PCS 6000



Yaesu  
FT-11R

Photo scanned by  
SM7VHS Martin



Yaesu VX-1R



Yaesu  
VX-5R



Radio Shack  
HTX-400



Gonset  
"Communicator"  
6-meter

Marine



Shakespeare  
2001-EX



Humminbird  
VHF-5

CB



Lafayette  
HE-15



**Kid's Night will be January 4, 2004.** Get a kid interested in ham radio!!  
The following text is from the ARRL web site and explains the rules for Kid's Night.

**Purpose:** Kid's Day is intended to encourage young people (licensed or not) to enjoy Amateur Radio. It can give young people hands-on on-the-air experience so they might develop an interest in pursuing a license in the future. It is intended to give hams a chance to share their station with their children.

**Dates:** January 4 and June 19, 2004.

**Time:** 1800 to 2400Z. No limit on operating time.



**Suggested exchange:** Name, age, location and favorite color. You are encouraged to work the same station again if an operator has changed. Call "CQ Kid's Day."

**Suggested Frequencies:** 28350 to 28400 kHz, 21380 to 21400, 14270 to 14300 kHz and 2-meter repeater frequencies with permission from your area repeater sponsor. Observe third party traffic restrictions when making DX QSOs.

**Reporting:** Logs and comments may be posted on the Internet. Those without Internet access may forward comments to the Boring Amateur Radio Club (address below).

**Awards:** All participants are eligible to receive a colorful certificate (it becomes the child's personalized sales brochure on ham radio). You can download this certificate for free, customized with the kids' names, after filling out our Kid's Day Survey, or send a 9 X 12 SASE to: Boring Amateur Radio Club, PO Box 1357; Boring, OR 97009. More details may be obtained by joining the Kid's Day Reflector.

## DON'T FORGET

The LVARC VE program. If you know someone who would like to become a ham or if you want to upgrade your license, the LVARC can help!

Contact Mark (AK3M) for details  
(610-865-9183 or AK3M@rcn.com)





**DINNER MEETING**

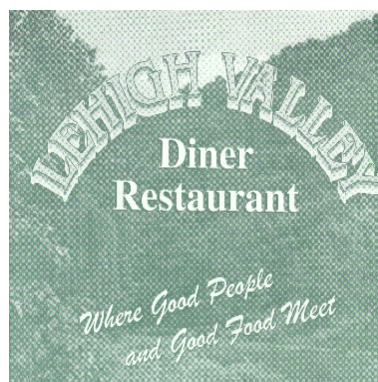
**LVARC to Hold Dinner Meeting at LV Diner in February, 2004**

The program for February, 2004 will be a dinner meeting at the Lehigh Valley Restaurant on 7th street, just South of 22.

The dinner cost is the responsibility of each member but the prices are reasonable and we do get a room to ourselves.

**The date will be Tuesday February 3, 2004 at 6:30 pm. PLEASE NOTE THE CHANGE OF TIME.**  
**Since this is dinner, we will meet one hour earlier than our normal meeting time.**

**Chase away those winter blues and come out to dinner!**



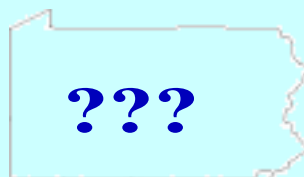
**NUMBER NEEDED BY JANUARY 26, 2004**

**If you plan to attend, please contact Mark (AK3M)  
 NO LATER than Monday January 26, 2004**



## How Many Hams Are There In Pennsylvania???

(See page 14 for answer)



## **Need a Smile?**

The picture below is sure to give you one!

From Bob (KE3AW) entitled,

**“Oh Yeah?”**



**Have something to offer? The E-VOX  
needs your contributions!!**

**Send your articles, pictures, questions  
etc., to Mark at AK3M@rcn.com.**





## FOR SALE

(1) Cushcraft 13B2 2-meter beam, 13 element, horizontal or vertical mounting for FM or SSB. Fully assembled. Complete with balun and stainless steel mounting hardware.

(2) Cushcraft 424B - 432MHz beam, 24 element, SSB only. Also fully assembled with balun and hardware.

\$80. each, \$140 for the pair, OBO.

Contact Walt, KE3SP at (610) 966 - 4152  
or at - SBWALLY@aol.com

## Call Letters? Call Sign?

(Just a thought)

What do you say? Do you say, "My call sign is \_\_\_\_" or, "My call letters are \_\_\_\_." Well, your call has a number, so it really can't be "Call Letters," and it isn't a sign either, so "Call Sign" doesn't work. Personally, I simply say, "My call is \_\_\_\_."

## How Many Hams Are There In Pennsylvania???

(from page 13)

	Total	%	Pos	Tec	Tpl	Nov	Gen	Adv	Ext	Clb
PA	25,923	3.52	7	8175	2625	1538	5704	3280	4280	321

Source: <http://www.hamdata.com/states.html>



## LVARC VE Test Session Report

## LVARC VE Program

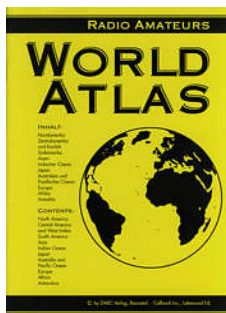


**ARRL**  
The national association for  
AMATEUR RADIO



The LVARC had one tester present at the November 21, 2003 test session. John McAuley (N2HUZ) successfully upgraded from Tech with HF to General. John found us on the web and traveled from Stewartsville, NJ for the test. TNX to Larry (NR3R), Frank (W3FTU) and Mark (AK3M) as the VE's in attendance!

**CONGRATULATIONS JOHN!!!!**



A very NICE REFERENCE BOOK from the ARRL is their "*World Atlas*." Check those DX countries easily. It is available from the ARRL for \$9.95.

Remember, the LVARC VE Test Sessions are held the *third Friday of each month at 7:00 pm. at the Red Cross building.*

**REGISTRATION IS NECESSARY! NO WALK-IN'S.**

To register, contact Mark (AK3M) at [AK3M@RCN.COM](mailto:AK3M@RCN.COM) or call 610 - 856 - 9183





---

**CONGRATULATIONS to LVARC  
Officers for 2004**

---



**At the December 2, 2003, LVARC meeting,  
the following officers were elected for the  
2004 year.**

President: **Mark S. Miller (AK3M)**  
Vice President: **Walt Snyder (KE3SP)**  
Secretary: **Rod Wolfe, Jr. (KB3HFZ)**  
Treasurer: **Paul Ryan (N0KIA)**

**Board of Governors**

**Jim Kelly (KA3UQP)**  
**Larry Miller (NR3R)**  
**Carl Seier (AA3IX)**  
**Chris Kelly (N3RPV)**  
**Robin Gable (KB3GZV)**

**Program Chairman**

**Phillip Bigg (KB3HMK) - PHILBERT@ENTER.NET**

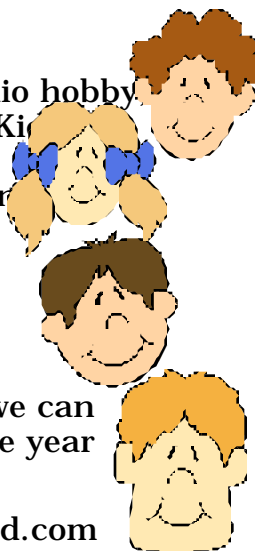
---

**Your club officers are there to serve you! Please feel free to  
contact any of the LVARC officers if you have any questions or  
suggestions for/about the club or its activities.**



## **KID's HAM PUBLICATION**

I am starting a new publication just for kids in the ham radio hobby as well as those kids wanting to be hams called Hamtastic Kids. I am looking for people to submit articles on the following topics: ragchewing, DXing, antennas, contesting, foxhunts, awards and other ham-related topics as they pertain to children. Adults may submit articles as well, or assist their children.



## **LOGO CONTEST**

We also want kids to submit a logo of their own design so we can use it on the publication. Winner will receive \$25 and a free year subscription to Hamtastic Kids.

Email your logos or articles to: [hamtastickids@mail2world.com](mailto:hamtastickids@mail2world.com)

You can also email me at the above address if you wish to receive the snail-mail address. To subscribe to magazine, visit [here](#)!

Thank you.

Hamtastic Kids Group

73, --- Larry, AA0BY - **(From QRZ.com)**



I wish to thank all those who had confidence enough in me to re-elect me as president of the LVARC for another year.

The LVARC is what it is today because of **YOU, the members!** You have eagerly supported the officers and Board of Governors these past few years and as a result, the LVARC has instituted programs and activities which have strengthened the club, established new programs and increased the club's membership.

I want all members to know that the officers of the LVARC are here to serve you! Please contact any club officer if you have any questions or ideas for the club. Looking forward to a terrific 2004!

----- 73 Mark (AK3M)



Use this form for NEW or RE-NEWAL  
membership

## Membership Form

for the


Lehigh Valley Amateur Radio Club  
(W3OI)

Clip and mail with check for proper amount

**Make checks payable to: LVARC**



### Lehigh Valley Amateur Radio Club Membership Application Form

Application Data	Item	Cost	Total
Name _____	Regular Membership	<b>\$17.00</b>	_____
Address _____	Extra Family Member	<b>\$3.00</b>	_____
City, St, Zip _____	Phone Patch Access	<b>INCLUDED</b>	
Home Phone _____	Non-ham Associate	<b>\$5.00</b>	_____
Business Phone _____			
Call _____	 TOTAL	\$	_____
License Class _____	Email Address _____		

Send application and dues to: Paul Ryan (N0KIA)  
5814 Lindbergh Street - Orefield, PA 18069 - 2250



## Lehigh County RACES Application Form

Name: \_\_\_\_\_ Call: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Business Phone: \_\_\_\_\_ Home Phone: \_\_\_\_\_ County: \_\_\_\_\_  
 License Class: \_\_\_\_\_ Primary Radio Interest: \_\_\_\_\_

	160	80	40	20	15	10	6	2	220	440
CW										
FM										
RTTY										
SSB										
Mobile										
Packet										
If operating packet, the call sign of your PBBS is _____										

Can your home operate without commercial power? [ ] yes [ ] no  
 If yes, what bands? \_\_\_\_\_

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**MAIL TO:**  
 Jeff Isely (N3SWPT)  
 410 W. Marshall St.  
 Allentown, PA 18104

*LVARC Annual Holiday Party a BIG Hit!*



**The LVARC's Annual Party was held following the  
December 2, 2003 business meeting.**



**Conversation and food at  
the LVARC 2003 Annual  
Holiday Party.**

**Relaxing after eating all  
that food !**



**Always time to look  
at a new radio !**



## ADDITIONAL INFORMATION

**There seems to be a re-newed interest in a CW study group.**



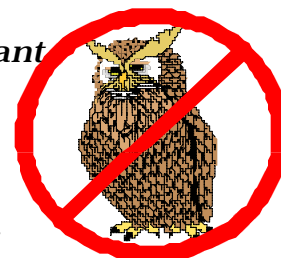
**This group can include new hams wishing to learn the code, old timers or those who just wish to hone their CW skills.**

**If you are interested in starting or participating in a CW study group, contact Mark (AK3M).**

*I received the following e-mail from Mark (N3ULR). I want to offer my kudos for a great try!!!*

Mark,

It is with deep regret that I must announce the termination of The Night Owl Net effective immediately. This has been a difficult decision for me to make. There just hasn't been enough response to the net for me to continue. Granted, there were some real interesting nets with quite a few check ins. Recently, there were few if ANY check ins. If there is ANY interest in starting the net again, I will be willing to give it another try.



73 -- de N3ULR

***TNX for "stepping up" and the great try Mark !!!***

"Our lives begin to end the day we become silent about things that matter." - Martin Luther, Jr. King



# The LVARC In 2004!

**Let's make the 2004 LVARC Year, the best yet!**

Let's here from YOU! Contact any club officer.  
Express your concerns, ideas and/or talent.

**Some ways you can help insure continued success of the LVARC:**

- (1) Send your submissions to the newsletter.**
- (2) Attend meetings.**
- (3) Participate in LVARC activities**
- (4) Volunteer when needed.**

***We have come a long way and accomplished a great deal! Let's keep up the momentum!***

The LVARC Officers,  
wish all a safe and  
happy 2004!

