

**HAPPY  
NEW YEAR**

# **E-VOX**

**2002**

The official **On-Line**  
newsletter of the

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

**Allentown, Pennsylvania  
USA**



### **Officers**

**President:** Mark S. Miller - WA3KIF (msm@enter.net or WA3KIF@arrl.net)

**Vice President:** Jeff Kelly - N3MFT (kellyj@ptd.net)

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

### **Board of Governors**

Chris Kelly - N3RPV (ckelly@ckelly.tv)

Barry Mitchneck - KB3FMI (barrym@ptd.net)

Larry Miller - K3LAR (milla@enter.net)

Ed Romig - KD3NH

Carl Seier - AA3IX (cseier@enter.net)

*E-VOX Editor - Mark S. Miller (WA3KIF) (msm@enter.net or WA3KIF@arrl.net)*

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

### **Repeater**

146.340/146.940 (PL 71.9)

147.735/147.135 (PL 167.9)

### **RACES NET**

*Every Monday at 7:30 (Local Time)*

*All are welcome !*

**<http://www.w3oi.org>**





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**The January, 2002 meeting will be  
held on **Tuesday January 8** at  
The Red Cross Building at 7:30 pm.**



## 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 !**



## **Lehigh County RACES Net Check-In Summary 2001**

**Month**

**Number Check-In's**

November, 2001

72

(4 Mondays)



## **Discussed at the December, 2001 Meeting .....** **Not quite the minutes, just a review**

The December 4, 2001 meeting was held at the Red Cross building. There were 18 members/guests present.

1. The meeting was called to order at 7:32 pm.
2. Treasurer Paul (NOKIA) reported a balance of \$664.73.
3. There was one guest, Eric (N3PVD)
4. Jeff (N3MFT) reported that the LC photo ID cards will be made at a later date.
5. Mark (WA3KIF) reported that the February meeting will be held at the Parkland Restaurant at 6:30 pm. The membership agreed on the \$11.95 family style dinner.
6. The membership also agreed to inviting former members or "Old Timers" to the dinner meeting although the cost of the dinner would be the responsibility of each person and not the club.
7. Mark said that the W3OI QSL would cost \$.21 to mail without an envelope. Carl will mail the cards.
8. The January meeting will be held on Tuesday January 8th due to the New Year's holiday.
9. Jeff (N3MFT) made a motion to donate \$20 to the Joseph HF Fund. The motion was passed by the membership.
10. Dues were voted to change to \$17.00 per year per member which includes autopatch.
11. 2002 dues are due. Send new/re-newal form along with payment to Paul (NOKIA). The new/re-newal form can be found on page 28 of this newsletter. Checks can be made out to LVARC.
12. The 50/50 drawing was won by Mark (WA3KIF) for the amount of \$6.00.
13. Voting results revealed the following:

President - Mark Miller (WA3KIF)  
Vice President - Jeff Kelly (N3MFT)  
Secretary/Treasurer - Paul Ryan (NOKIA)

### Board of Governors

Carl Seier (AA3IX)      Chris Kelly (N3RPV)  
Ed Romig (KD3NH)      Barry Mitchneck (KB3FMI)  
Larry Miller (K3LAR)

14. The meeting adjourned at 8:30 pm and was followed by the Holiday Party.

## **\$\$\$ W3OI Finances \$\$\$**

### **Balance as of 11/30/01    \$664.73**





## This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Happy 2002</b> 		<b>NEW YEAR'S DAY 2002</b>				AGCW QRP Winter Contest
		ARRL Straight Key Nite				
AGCW QRP Winter Contest	<b>ARES RACES Net 7:30</b>	<b>W3OI Meeting Red Cross 7:30</b>				Japan Intl. DX Contest 160-40 m
Kid's Day						N. Amer. QSO Party CW
N. Amer. QSO Party -CW Mid-winter Phone Contest	<b>ARES RACES Net 7:30</b>					MI QRP CW Contest
DARC 10 m Contest						N. American QSO Party SSB
MI QRP CW Contest	<b>ARES RACES Net 7:30</b>					UBA DX Contest SSB
N. American QSO Party SSB						Kansas QSO Party
ARRL January VHF						
UBA DX Contest SSB	<b>ARES RACES Net 7:30</b>					
Kansas QSO Party						

Japan Intl.  
DX Contest  
160-40 m



The **January** meeting will be held on Tuesday January 8, 2002 at **The Red Cross Building at 7:30.**

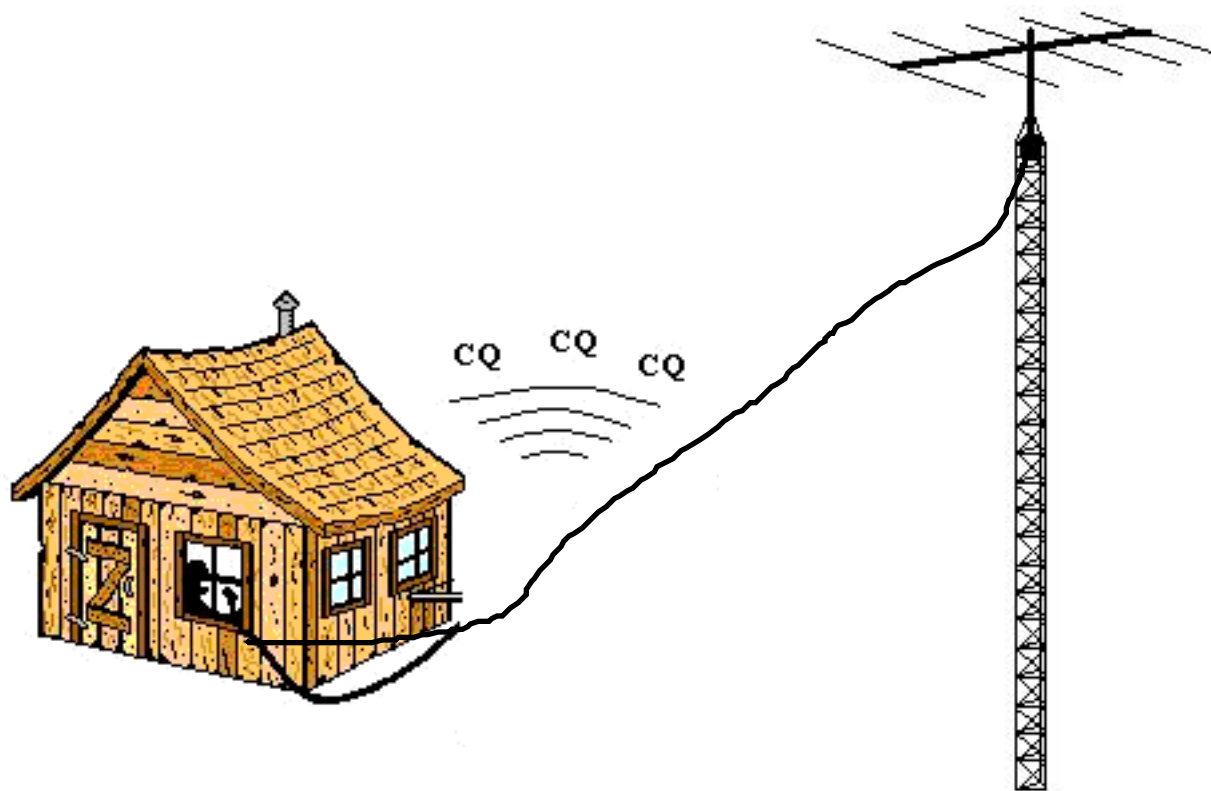
The **February** meeting will be February 5 at the **Parkland Restaurant at 6:30 pm** (see page 21 for details)



# Start Your New Year Off Right !

On the following pages, you will find a **W** (worked) **A** (all) **S** (states) map. Print this map and keep a record of the states you have worked.

Following the WAS map, is a list of countries which you can use to track the countries you have worked which will put you on your way to your **DXCC !!**



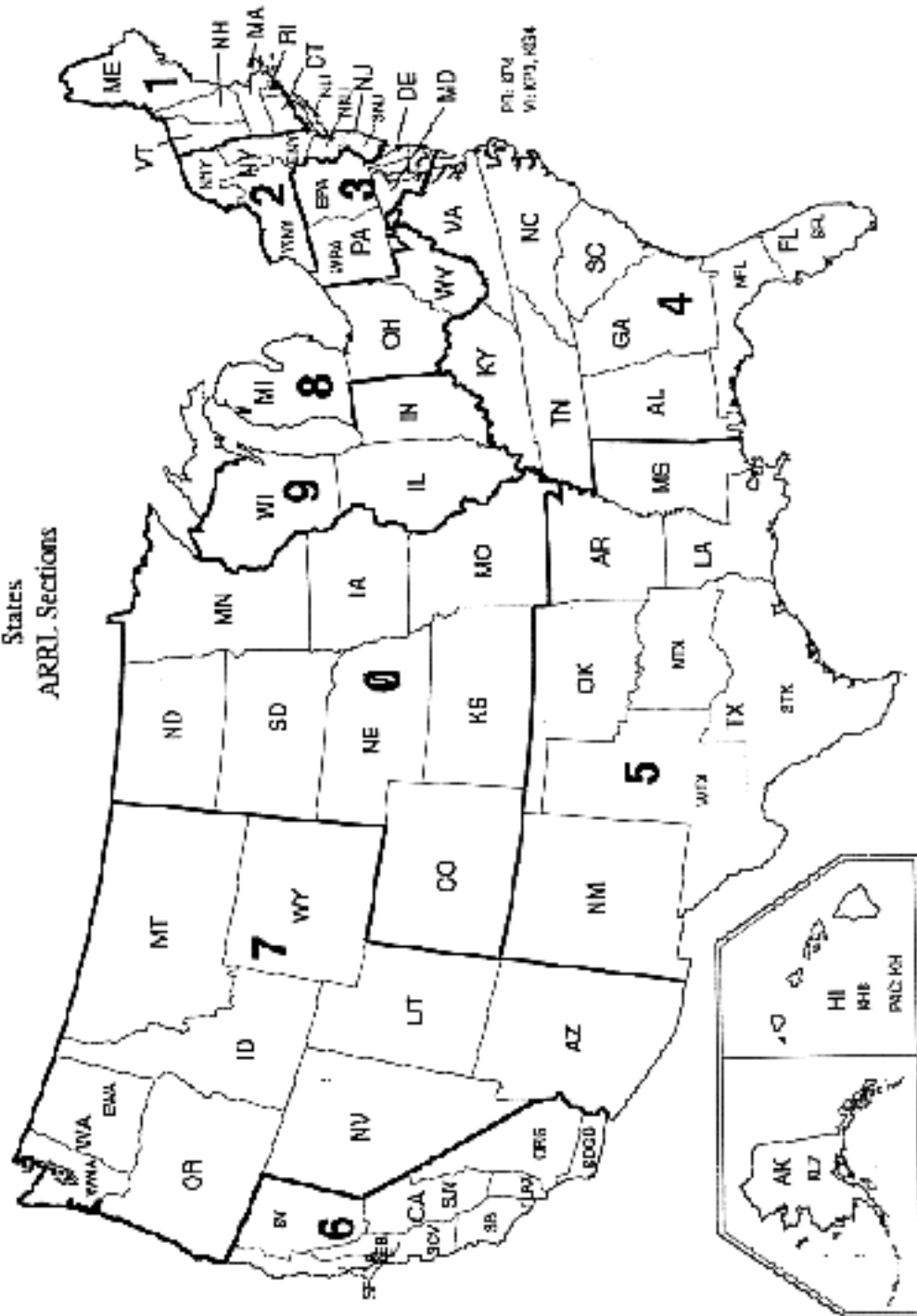


## ARRL Worked All States Map

Call Areas

States

ARRL Sections







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## Countries Checklist

Administration in East Timor	British Virgin Is.
Afghanistan	Brunei
Agalega & St. Brandon	Bulgaria
Aland Is.	Burkina Faso
Alaska	Burundi
Albania	C. Kiribati - (Brit. Phoenix Is.)
Algeria	Cambodia
American Samoa	Cameroon
Amsterdam & St. Paul Is.	Canada
Andaman & Nicobar Is.	Canary Is.
Andorra	Cape Verde
Angola	Cayman Is.
Anguilla	Central Africa
Antarctica	Ceuta & Melilla
Antigua & Barbuda	Chad
Argentina	Chatham Is.
Armenia	Chile
Aruba	China
Ascension I.	Christmas I.
Asiatic Russia	Clipperton I.
Auckland & Campbell Is.	Cocos Ij
Austral I.	Cocos-Keeling Is.
Australia	Colombia
Austria	Comoros
Aves I.	Congo
Azerbaijan	Conway Reef
Azores	Corsica
Bahamas	Costa Rica
Bahrain	Cote d'Ivoire
Baker & Howland Is.	Crete
Balearic Is.	Croatia
Banaba I. (Ocean I.)	Crozet I.
Bangladesh	Cuba
Barbados	Cyprus





Belarus	Czech Republic
Belgium	Dem. Rep. of Congo
Belize	Denmark
Benin	Desecheo I.
Bermuda	Djibouti
Bhutan	Dodecanese
Bolivia	Dominica
Bonaire, Curacao (Neth. Antilles)	Dominican Republic
Bosnia-Herzegovina	E. Kiribati (Line Is.)
Botswana	East Malaysia
Bouvet	Easter I.
Brazil	Ecuador
Egypt	Ireland
El Salvador	Isle of Man
England	Israel
Equatorial Guinea	Italy
Eritrea	ITU HQ
Estonia	Jamaica
Ethiopia	Jan Mayen
European Russia	Japan
Falkland Is.	Jersey
Faroe Is.	Johnston I.
Fed. Rep. of Germany	Jordan
Fernando de Noronha	Juan de Nova, Europa
Fiji	Juan Fernandez Is.
Finland	Kaliningrad
France	Kazakhstan
Franz Josef Land	Kenya
French Guiana	Kerguelen Is.
French Polynesia	Kingman Reef
Gabon	Kure I.
Galapagos Is.	Kuwait
Georgia	Kyrgystan
Ghana	Laccadive Is.
Gibraltar	Laos
Glorioso Is	Latvia



Greece	Lebanon
Greenland	Lesotho
Grenada	Liberia
Guadeloupe	Libya
Guam	Liechtenstein
Guantanamo Bay	Lithuania
Guatemala	Lord Howe I.
Guernsey	Luxembourg
Guinea	Macao
Guinea-Bissau	Macedonia
Guyana	Macquarie I.
Haiti	Madagascar
Hawaii	Madeira Is.
Heard I.	Malawi
Honduras	Maldives
Hong Kong	Mali
Hungary	Malpelo I.
Iceland	Malta
India	Malyj Vysotskij I.
Indonesia	Mariana Is.
Iran	Market Reef
Iraq	Marquesas I.
Marshall Is.	Pitcairn I.
Martinique	Poland
Mauritania	Portugal
Mauritius	Pratas
Mayotte	Prince Edward & Marion Is.
Mellish Reef	Puerto Rico
Mexico	Qatar
Micronesia	Reunion I.
Midway I.	Revilla Gigedo
Minami Torishima	Rodrigues I.
Moldovia	Romania
Monaco	Rotuma I.
Mongolia	Rwanda
Montserrat	S. Cook Is.
Morocco	Sable I.



Mount Athos  
Mozambique  
Myanmar  
N. Cook Is.  
Namibia  
Nauru  
Navassa I.  
Nepal  
Netherlands  
New Caledonia  
New Zealand  
Nicaragua  
Niger  
Nigeria  
Niue  
Norfolk I.  
North Korea  
Northern Ireland  
Norway  
Ogasawara  
Oman  
Pagalu I.  
Pakistan  
Palau  
Palestine  
Palmyra & Jarvis Is.  
Panama  
Papua New Guinea  
Peru  
Peter I I  
Philippines

Saint Martin  
Samoa  
San Andres & Providencia  
San Felix & San Ambrosio  
San Marino  
Sao Tome & Principe  
Sardinia  
Saudi Arabia  
Scarborough Reef  
Scotland  
Senegal  
Seychelles  
Siberia  
Sierra Leone  
Singapore  
Slovak Republic  
Slovenia  
Solomon Is.  
Somalia  
South Africa  
South Georgia I.  
South Korea  
South Orkney Is.  
South Sandwich Is.  
South Shetland Is.  
Sov. Mil. Order of Malta  
Spain  
Spratly Is  
Sri Lanka  
St. Helena  
St. Lucia



St. Paul I.  
St. Peter & St. Paul Rocks  
St. Pierre & Miquelon  
St. Vincent  
St. Kitts & Nevis  
St. Maarten, Saba, St. Eustatius  
Sudan  
Suriname  
Svalbard  
Swaziland  
Sweden  
Switzerland  
Syria  
Taiwan  
Tajikistan  
Tanzania  
Temotu Province  
Thailand  
The Gambia  
Togo  
Tokelau Is.  
Tonga  
Trinidad & Martin - Vaz Is.  
Trinidad & Tobago  
Tristan da Cunha & Gough I.  
Tromelin I.  
Tunisia  
Turkey  
Turkmenistan  
Turks & Caicos Is.  
Tuvalu  
U.N. Transitional  
Uganda  
UK Sov. Base Areas on Cyprus  
Ukraine  
United Arab Emirates  
United Nations HQ

United States of America  
Uruguay  
Uzbekistan  
Vanuatu  
Vatican  
Venezuela  
Vietnam  
Virgin Is.  
W. Kiribati (Gilbert Is. )  
Wake I.  
Wales  
Wallis & Futuna Is.  
West Malaysia  
Western Sahara  
Willis I.  
Yemen  
Yugoslavia  
Zambia  
Zimbabwe





### **\*\*\* Just for Laughs \*\*\***

**A third grade teacher collected well known proverbs. She gave each child in her class the first half of a proverb and asked them to come up with the remainder of the proverb. It's hard to believe these were actually done by third graders. Their insight may surprise you.**

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Better to be safe than.....punch a 5th grader.  
Strike while the .....bug is close.  
It's always darkest before.....Daylight Savings Time.  
Never underestimate the power of.....termites.  
You can lead a horse to water but.....how?  
Don't bite the hand that.....looks dirty.  
No news is.....impossible.  
A miss is as good as a.....Mr.  
You can't teach an old dog new.....math.  
If you lie down with dogs, you'll.....stink in the morning.  
Love all, trust.....me.  
The pen is mightier than the.....pigs  
An idle mind is.....the best way to relax.  
Where there's smoke there's.....pollution  
Happy the bride who.....gets all the presents.  
A penny saved is.....not much.  
Two's company, three's.....the Musketeers.  
Don't put off till tomorrow what.....you put on to go to bed.  
Laugh and the whole world laughs with you, cry and....you have to blow your nose.  
There are none so blind as.....Stevie Wonder.  
Children should be seen and not.....spanked or grounded.  
If at first you don't succeed.....get new batteries.  
You get out of something only what you...see in the picture on the box.  
When the blind leadeth the blind.....get out of the way.



**And the favorite .....**

Better late than .....pregnant.





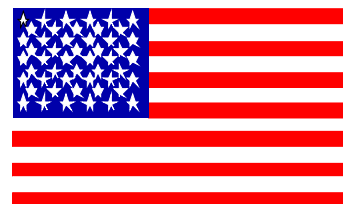
## Need Code Practice ?

Here is W1AW's code practice schedule.

W1AW Schedule									
PACIFIC	MTN	CENT	EAST	MON	TUE	WED	THU	FRI	
6 AM	7 AM	8 AM	9 AM		FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	
7 AM-1 PM	8 AM-2 PM	9 AM-3 PM	10 AM-4 PM	VISITING OPERATOR TIME (12 PM - 1 PM CLOSED FOR LUNCH)					
1 PM	2 PM	3 PM	4 PM	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	
2 PM	3 PM	4 PM	5 PM	CODE BULLETIN					
3 PM	4 PM	5 PM	6 PM	TELEPRINTER BULLETIN					
4 PM	5 PM	6 PM	7 PM	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	
5 PM	6 PM	7 PM	8 PM	CODE BULLETIN					
6 PM	7 PM	8 PM	9 PM	TELEPRINTER BULLETIN					
6 <sup>45</sup> PM	7 <sup>45</sup> PM	8 <sup>45</sup> PM	9 <sup>45</sup> PM	VOICE BULLETIN					
7 PM	8 PM	9 PM	10 PM	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	
8 PM	9 PM	10 PM	11 PM	CODE BULLETIN					

## US Flag Quiz

(de Larry - K3LAR)



The flag is very much in the lime light today. We all pledge the flag, and know, of course, what the flag stands for. But do you know what the colors represent in the making of the first flag design?

**Red** - means courage and bravery

**White** Hope and Purity

**Blue** - is Reverence to God, Loyalty and Justice

**A Star**- symbolizes Power and Ambition

**The Stars in Unison** - represent the States Held Together Under the Constitution



## DUES ARE DUE

**T**he Lehigh Valley Amateur Radio Club is a small club but does need funds to function.

Club funds, for the 2001 year have been used for the first annual picnic, postage for mailing newsletters (although few, there are some who receive the VOX via US mail), plaques and awards and Field Day expenses to name a few. Paul has a complete list of these expenses for 2001.

***Please be advised that the club is beginning the new 2002 year with a POSITIVE CASH FLOW !!!***

Let's continue to grow financially and with the ham radio and social spirit that made 2001 a tremendous success and pay your dues now !!

### \* DUES ARE DUE \*

Dues for 2002 are now being accepted. See page 28 for a membership form. Use this form for **NEW** or to **re-new** dues for the 2002 year.

**Regular Membership - \$17.00**

**Extra Family Member - \$3.00**

**Non-ham Associate - \$5.00**

At the December 4, 2001 meeting, a motion was made and passed to reduce the dues to \$17.00 per member which includes autopatch.

Please use the fee chart above to determine the amount which is appropriate to you.

You can obtain a membership form (for **BOTH NEW and RE-NEWALS**):

- (1) from the w3oi.org web site
- (2) on page 28 of this newsletter
- (3) Write/e-mail/call Paul or Mark
- (4) See Paul or Mark at a meeting.





## **Web sites to visit**

### **Amateur Radio Shines During National Public Radio Broadcast**

de Robin (KB3GZV and Dorian (KB3GZW)

You can listen to *Amateur Radio Shines During National Public Radio Broadcast* at:

<http://www.arrl.org/news/stories/2001/11/14/2/?nc=1>

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### **Need to Convert Something ??**

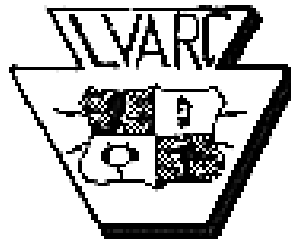
de Mark (WA3KIF)

Following is a site I found which will allow you to convert such values as temperature, time, pressure, length, volume, etc.

<http://www.convert-me.com/en/>



## 2002 LVARC Officers



At the December, 2001 meeting, the following officers  
were elected for the 2002 year:

---

**President:** *Mark S. Miller* -WA3KIF  
**Vice President:** *Jeff Kelly* -N3MFT  
**Secretary/Treasurer:** *Paul F. Ryan* -N0KIA

### Board of Governors

*Chris Kelly* - N3RPV  
*Barry Mitchneck* - KB3FMI  
*Larry Miller* - K3LAR  
*Ed Romig* - KD3NH  
*Carl Seier* - AA3IX



## **H-A-M** Radio ??????????

*de WA3KIF*

Here we go again. That age old question of, "From where did **HAM** come," when referring to amateur radio operators ?

I found the following explanation:

*The designation of amateur radio operators as "hams" also apparently reflects the old "clumsy" sense of the slang term "ham." According to the American Radio Relay League, in the early days of ship-to-shore radio, commercial operators would often complain of interference from amateur operators, referring to them disparagingly as "hams." Amateur operators eventually adopted "ham" as their own term, and today it has lost its derogatory connotations in the radio field.*

*From the "Word Detective" at:*

*<http://www.word-detective.com/backidx.html>*

**Perhaps LVARC members can offer other origins of "HAM" when relating to amateur radio operators !**



**Do we want to be related to food, a bad theatrical performance, or a farm animal?**



## Lehigh Valley Hams Receive Recognition from ARRL

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**L**ocal hams received recognition from Eric Olena (WB3FPL), Section Manager and the ARRL for volunteering to help in the wake of the September 11, 2001 incident in New York.

**S**ee *SECTION NEWS* on **page 123** in the **December issue of QST**. The article states, “*Several members of the Delaware Lehigh Amateur Radio Club who assisted in the in New York were; Don Jennings, K6QDT, Jeff Kelly, N3MFT, Chris Kelly, N3RPV, Barry Vogt, N3NVA, Bruce Bobo Jr., KB3FIH, Mike Stanton, N3OUC, Bob Puharic, WF3H, Dick Dech, KA3MOU, and Cliff Wagoner, W3ZL.*” We are proud of all these Lehigh Valley hams and are glad to see them recognized in the ARRL’s prestigious publication, QST !

**I**n the same section and the same page, Jeff Kelly, N3MFT, received recognition of his appointment as Emergency Coordinator (EC) for Lehigh County. The article reads, “*Congratulations to Jeff Kelly, N3MFT, who has volunteered to take over the EC position in Lehigh County. We are in the process of handling the paperwork for Jeff’s position. Jeff volunteered shortly after returning from New York. Jeff will be a very valuable addition to the staff.*” (Please note that all the paperwork has been completed at the time of this issue of the E-VOX and Jeff is now the official EC of Lehigh County)!!

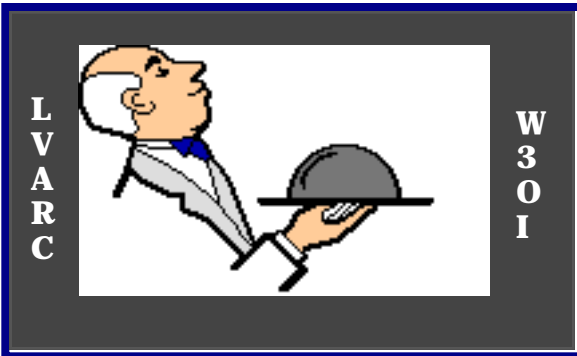


## Pilgrims Were HAMS ???

This picture appeared in the Morning Call on Monday November 19, 2001. It accompanied an article which described the first year of the Pilgrim's lives and their struggle to survive along with their need to build houses.

A sharp-eyed Ed (KD3NH) wonders if the pilgrims were hams ?? He noticed the person on the left holding what seems to be a **yagi** !!!!! You decide ! (must be "The Shack" in the background)





## LVARC to Host Dinner Meeting with Special Guests

The dinner meeting at the Paddock in September was so well received, we thought we would do it again! This time we will be meeting at the **Parkland Restaurant on Walbert Avenue in Allentown.**

The **February 5, 2002 meeting will be held at the Parkland Restaurant** beginning at **6:30 pm.** *Please note the change in time.* Since this meeting includes dinner, we will meet **one hour earlier than our regular meeting.**

The agenda includes a regular business meeting and dinner. *Please note that the each member is responsible for the cost of his dinner.* This is planned for February in order to chase away the winter blues.

**Former members or "Old Timers" will be invited !! Notices of this meeting will be sent to approximately 21 former LVARC members inviting them to the dinner meeting. Perhaps we can spark their interest in amateur radio and / or membership in the LVARC !!!**

**Plan to attend for the  
meeting, food, good  
fellowship and renewed  
friendship!**





## Operation Ho Ho was a HUGE Success !!!!

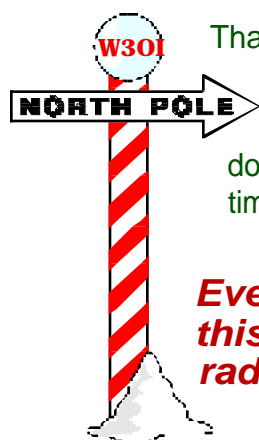
**O**n Sunday December 16, 2001, children at the Lehigh Valley Hospital Center's pediatrics wing got a chance to work the best DX ever!

Several "elves" of the Lehigh Valley Amateur Radio Club visited the children and let them talk to Santa Claus! The communications were handled via VHF simplex.



"Elves" **Larry** (K3LAR), **Robin** (KB3GZV) and **Dorian** (KB3GZW), along with Rae (Mark's XYL) and Rob (Larry's son, visited the childrens' rooms with HT's and allowed the children to speak directly to Santa. The children were VERY excited to be talking to Santa! Parents who were present during the visit from the elves, were also pleased. The children asked Santa some very hard questions. They wanted to know who was Santa's favorite reindeer, "Why does Rudolph's nose glow?" and what the weather was like at the North Pole!

After their conversation with Santa, the children were given a candy cane with an ornament attached, a present and a button that said "I Talked To Santa On Amateur Radio" button !!!



Thanks goes to Larry's (K3LAR) XYL, Robin, for providing the contact information and getting this project going and TNX to Fran Feathers, the hospital administrator in charge of the ward. Also, a big thanks goes to **Photography by Richard C. Haas** for donating the "I Talked to Santa Claus" buttons. This includes the materials time in their creation!

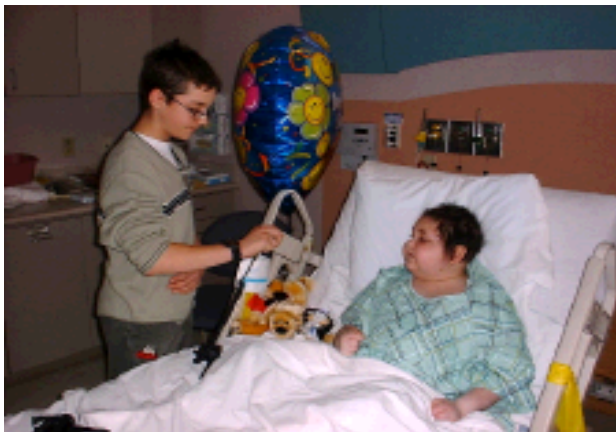
**Everyone who participated agreed that this was one of the best uses of ham radio and will be sure to volunteer next year for what promises to be a successful annual LVARC event !!**







## **“Operation Ho Ho” Pictures**





## W3OI Enjoys Holiday Party at the December Meeting

The LVARC December 4, 2001 meeting was followed by the annual "Holiday Party." Members' goodies includes pies, cookies, brownies and meatball sandwiches!! The food was excellent and the conversations quickly turned to amateur radio. The meeting was well attended and a slate of officers was selected for the 2002 year.



**Lots of food !!**





## Food

## Fellowship



## HAM Conversation



## Lehigh County RACES Activated After Fire Forces Evacuation at Cedarbrook

On Saturday December 15, 2001, Lehigh County RACES was activated due to the evacuation of Cedarbrook, the county's home. A fire at the home forced the need to evacuate almost 500 of the residents. Five "shelters" were setup to temporarily house the evacuees. At least one RACES member was required to be present at each shelter site to provide communications to the EOC.

The following operators participated in the evacuation process:

<u>Call</u>	<u>Name</u>	<u>Position</u>
AI3D	Eric Geissenhainer	EOC
KA3ONZ	Bruce Hull	Net Control
KA3WSL	Earl Toland	Net Control Backup
KA3ZAT	Dan Homan	Net Control
KA3ZBE	Burton Swayze	Cetronia
KB3FDM	Charlie Eckhart	Bible Fellowship
KB3FDN	Mark Withers	Asbury
KB3FIH	Bruce Bobo	Command/Net Control
KB3FMI	Barry Mitchneck	LVHCC
KB3HFZ	Rodney Wolfe	Springhouse
KA3RBH	Bill Bigg	EOC/Bible Fellowship
KD3NH	Ed Romig	Asbury
N3MFT	Jeff Kelly	Mobile/Command
N3NVA	Barry Vogt	CedarView
N3OUC	Mike Stanton	Asbury/O2 Delivery
N3QZT	Jeff Keller	Cetronia
N3VTZ	Chris Schafer	LVHCC
N3XRL	Malcolm McClay	Cetronia
WA3KIF	Mark Miller	Asbury
WA3ZXJ	Bill Stewart	Bible Fellowship/CedarView
KA3UQP	Jim Kelly	Mobile



Lehigh County RACES was once again activated on Tuesday night (December 18, 2001) as the evacuees were returned to Cedarbrook.

Local amateurs from Lehigh and Northampton Counties participated in this activity by once again, providing a communications link from various sites to the EOC and "command" center at Cedarbrook.

The following amateurs were active in the return process of the evacuees:

<u>Call</u>	<u>Name</u>	<u>Position</u>
AI3D	Eric Geissenhainer	Cedarbrook
K3LAR	Larry Miller	Checkin
KA3ONZ	Bruce Hull	Net Control
KA3UQP	Jim Kelly	Checkin
KB3FIH	Bruce Bobo	Command/Net Control
KD3NH	Ed Romig	Net Control
KE3SP	Walt Snyder	Field
N3MFT	Jeff Kelly	Mobile/Command/Net Control
N3QZT	Jeff Keller	Staging
WA3KIF	Mark Miller	Checkin
N3RPV	Chris Kelly	Net Control
KB3HHG	Robert Barrall	Checkin
AA3WM	Bryan Williams	Field
KA3MOU	Dick Deck	Net Control
KA3RBH	Bill Bigg	Field
KE3AW	Bob Green	Field
N3NVA	Barry Vogt	Field
N3ULR	Mark Staller	Field

***KUDOS for a job well-done !!!!!***






## 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	\$17.00	_____
Address _____	Extra Family Member	\$3.00	_____
City, St. Zip _____	Phone Patch Access	Included	
Home Phone _____	Non-ham Associate	\$5.00	_____
Business Phone _____			
Call _____	 TOTAL	\$	_____
License Class _____	Email Address _____		

Send application and dues to: Paul Ryan (N0K1A)  
5814 Lindbergh Street - Orefield, PA 18069 - 2250