

The **E-VOX**

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



Lehigh Valley Amateur Radio Club - W3OI



Allentown, Pennsylvania (Lehigh County) - USA

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Repeaters

146.340/146.940 (PL 71.9)

147.735/147.135 (PL 167.9)

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>



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The August Meeting will be held on August 3, 2004
at the Red Cross Building at 7:30.

Program: **Echolink**
Presenter: Bob (N3QZR)



LVARC / RACES NET

Don't forget to check into the Monday Night
LC/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 (ET).

Many club announcements
will be heard there !

Monday Night RACES/ARES Check In Summary 2004

<u>Month</u>	<u>Number of</u> <u>Check-In's</u>	<u>Number of</u> <u>Mondays</u>
January	86	4
February	100	4
March	134	5
April	71	3
May	128	5
June	97	4



This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
SARL HF phone contest 1	ARES RACES Net 7:30 KA3UQP 2	LVARC Meeting Red Cross 7:30 3	4	5	6	10-10 Int. SSB Summer contest Lighthouse weekend QSO contest 7
10-10 Int. SSB Summer contest Lighthouse weekend QSO contest 8	ARES RACES Net 7:30 KB3GZV 9	10	11	12	13	Maryland DC QSO party 14
15	ARES RACES Net 7:30 NOKIA 16	17	18	19	NO LVARC TEST SESSION THIS MONTH 20	Keyman's Club of Japan Contest NJ QSO party 21
Keyman's Club of Japan Contest NJ QSO party 22	ARES RACES Net 7:30 N3MFT 23	24	25	26	27	Hawaii QSO party Ohio QSO party 28
Hawaii QSO party Ohio QSO party 29	ARES RACES Net 7:30 AK3M 30	31	August 2004 			

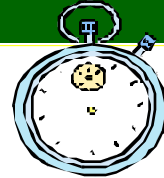
LVARC Meeting -Tuesday August 3, 2004
7:30 pm at the Red Cross Building

LVARC VE Test Session - Friday August 20, 2004 CANCELED



Minutes of the July 6, 2004 Meeting de Rod (N3XG), - Secretary - LVARC

Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes



President Miller called the meeting to order at 1936 Hrs, (EDST).

The meeting opened with the Pledge of Allegiance, then a moment of silence was observed for Silent Keys.

There were a total of 15 members in attendance, and there was 1 guest in attendance. The following Board Members were present at the meeting: President Miller, Vice-President Snyder, Treasurer Ryan, Secretary Wolfe, and Board Member Gable.

There are no corrections or additions to the June minutes.

Treasurer's Report (Paul - NOKIA)

Paul reported that the ending balance for June 2004 was \$703.75.

Committee Reports:

Repeater

Rod N3XG reported that he believes that the 94 problem was taken care of by Jeff N3MFT, Robin reported that the 94 machine is still skipping transmissions, and Robin described a condition that resembled "DTMF Masking". Rod will email Jeff with that information to see if anyone else has noted this. Rod reported that the spare receive element for 135 has been received and is in possession, and the new FM element has been ordered.

Program

Phil KB3HMK reports that tonight the program will be on Air communications and Air Navigation, as presented by Paul NOKIA and Robin KB3GZV. Next month, N3QZR will present on the topic of Echo Link.

Phil also reports that the rest of 2004 is full of activity, and he is now taking spots for 2005. If you have something to share, let Phil know.

Volunteer Examiners

Mark AK3M reported that two were tested on June 18, KB3JZQ took the General written test, and one tested for Technician. The new Technician is KB3LHM, CONGRADULATIONS and WELCOME TO THE HOBBY!

Mark reminds everyone that there will be no test session in August, due to vacations.

Field Day

President Miller thanks Lou KF2WO for coordinating a successful and fun field day; he also extended his thanks to Rod N3XG for his culinary skills. Lou extended his thanks to those who came to field day and noted that there was many cameo appearances. The club did run field day as 4A EPA. Throughout the event the club members operated on 80, 40, 20, 15, 10, and even 6 meters, all with great success. Band conditions and weather were very favorable.

Web Site



(minutes - continued from page 5)

Paul NOKIA wanted to remind members that there are many links just for members in the database section. The member's section of the web site does require a username and password. If you are unsure how this works, please contact Paul.

Education

Rod N3XG will be looking for a date in late September to offer another Technician weekend class. If you anyone has knowledge of anyone interested in classes to get a Technician License, follow the club's website and the Monday Night Net for information. It will be posted when it is available and finalized.

Rod also brought up the idea of having code classes. Rod's idea was to have a slow code net on simplex. This was welcomed, but it was believed that this would not help anyone learn code. After more discussion, Rod N3XG and Willie AB3BS will co-host an introductory class. More information will be available after Rod and Willie have some time to collaborate on this subject.

OLD Business

1. President Miller wanted to remind members that any member wishing to go deep-sea fishing on August 7 should contact him, time is running out.
2. The club still has not been able to make contact with Dennis Check. Jeff N3MFT had offered to make contact and retrieve club items that have been in the possession of Mr. Check, but the President reports that he does not know the status of this task. Of the items believed to be in Mr. Check's possession are documents that indicate the clubs status of incorporation, and possibly some tax documents that are needed for non-profit fund-raising activities. Mark will now make the contacts to secure the appropriate documents from the government so that we can move forward with other projects. Rodney N3XG has offered to try to contact Dennis for the items that Dennis has in his possession and has made offers to turn back to the club.

New Business

1. Mark N3ULR is now the area Sky Warn Coordinator. Mark is still waiting to receive information from John WX3W, so that he may begin to run the position as needed by inclement weather. In a previous meeting, John had also promised a local Sky Warn Spotter class for the purpose of training more spotters and the new coordinator. Mark will keep us informed.
2. Paul NOKIA reports that Monroe County has sent a flyer announcing their ham fest in September.
3. Rod N3XG informed the club that while setting up at field day there was a lack of equipment to set up properly. Rod recommended discussion on the purchase of coaxial cable, connectors, and barrel adapters. After some discussion on the types of coaxial cable available, Lou KF2WO made a motion to purchase 300 foot of RG-8X cable, and 6 end connectors with reducers, and 3-barrel connectors for linking cable with other end connectors. There was a second to the motion by Ron KB3LCV and all voted in favor of the purchase. Lou will research this project and will be in contact with Paul NOKIA during the research and the purchase.

Motion to close was made by Walt KE3SP and the second was made Willie AB3BS, all were in favor. The LVARC Monthly Business Meeting closed at 2019 hrs, EDST.

Respectfully Submitted de N3XG, Secretary

\$\$\$	W3OI Finances	\$\$\$	
Balance as of	6/30/04	\$703.75	



Will Rogers ... (from an e-mail from Clarence - W3PYF)

- 1. Never slap a man who's chewing tobacco.**
- 2. Never kick a cow chip on a hot day.**
- 3. There are 2 theories to arguing with a woman...neither works.**
- 4. Never miss a good chance to shut up.**
- 5. Always drink upstream from the herd.**
- 6. If you find yourself in a hole, stop digging.**
- 7. The quickest way to double your money is to fold it and put it back in your pocket.**
- 8. There are three kinds of men: The ones that learn by reading. The few who learn by observation. The rest of them have to pee on the electric fence and find out for themselves.**
- 9. Good judgment comes from experience, and a lot of that comes from bad judgment.**
- 10. If you're riding' ahead of the herd, take a look back every now and then to make sure it's still there.**
- 11. Lettin' the cat outta the bag is a whole lot easier'n puttin' it back.**
- 12. After eating an entire bull, a mountain lion felt so good he started roaring. He kept it up until a hunter came along and shot him. The moral: When you're full of bull, keep your mouth shut.**



1879-1935



LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Monday August 2--- LC RACES/ARES Net - 7:30 pm (146.94)

Tuesday August 3--- LVARC Meeting - 7:30 PM (Red Cross Bldg.)

Monday August 9 --- LC RACES/ARES Net - 7:30 pm (146.94)

Monday August 16 --- LC RACES/ARES Net - 7:30 pm (146.94)

Friday August 20 -- VE Test Session CANCELED

Monday August 23--- LC RACES/ARES Net - 7:30 pm (146.94)

Monday August 30 --- LC RACES/ARES Net - 7:30 pm (146.94)

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

LVARC Program Schedule

de Phil (KB3HMK) - LVARC Program Chairman

August - * Bob (N3QZR) on echolink

September - * Phil (KB3HMK) on geocaching

October - * Frank (W3FTU) on old radio restoration

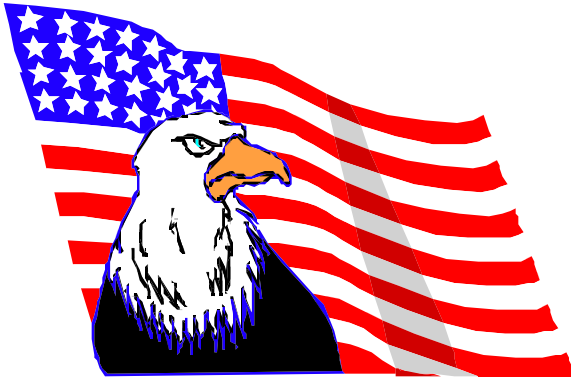
November - * Lou (KF2WO) on home brewed radio receivers

*** Nominations for officers for 2005**

December - * Election of officers for 2005

*** Annual Holiday party**

“Although the world is full of suffering, it is full also of the overcoming of it.” --- Helen Keller



National Anthem Quiz

Early in our elementary school years and throughout our school and military careers as well as at the start of numerous sporting events, we have sung our national anthem, *The Star Spangled Banner*. Most of the time, the words we sing are automatic. Have you really ever listened to or read these these words? In the first stanza (yes, there are more), we say "... **O'er the ramparts we watch'd...**" **Do you know what a rampart is?** The answer is on page 10

Oh, say, can you see, by the dawn's early light,
What so proudly we hail'd at the twilight's last gleaming?
Whose broad stripes and bright stars, thro' the perilous fight,
O'er the **ramparts** we watch'd, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air,
Gave proof thro' the night that our flag was still there.
O say, does that star-spangled banner yet wave
O'er the land of the free and the home of the brave? (There are two additional stanzas - see page 14).



**Never be afraid to try something new. Remember:
Amateurs....built the ark..... Professionals...built the
Titanic --- (Submitted by Frank (W3FTU))**



LVARC VE Report

There were two present for the June 18, 2004

LVARC VE test session.

CONGRATULATIONS to Andrew Krasnansky on passing his Technician test and Sherwood Miltenberger (KB3JZQ) on passing his General written test.



VE's present were Mark (AK3M), Frank (W3FTU) and Walt (KE3SP).



Welcoming New Hams And Prospective Hams To Your Club



Affiliated Club Mentor Program Manager has developed a PowerPoint presentation about welcoming new hams both licensed and those interested in becoming licensed. This presentation is concise and well presented. This file can be downloaded from the ARRL website (<http://www.arrl.org>) or you can find it on the LVARC website (<http://www.w3oi.org>) in the members' database section.



ram0part (ram2pärt1, -pört) n. (see page 9)

A fortification consisting of an embankment, often with a parapet built on top.



BPL and City Part Company

(submitted by Jeff (N3MFT))

NEWINGTON, CT, Jun 4, 2004--**The City of Manassas, Virginia, and broadband over power line (BPL) franchisee Prospect Street Broadband have parted company, and the city is seeking a new business partner.** The decision to terminate the joint venture was mutual, according to city officials, and the city has acquired Prospect Street's interests. Manassas was planning to open bids from prospective replacement BPL providers June 7.

ARRL CEO David Sumner, K1ZZ, called the failure of the Prospect Street-Manassas deal just another example of a BPL deployment decision gone awry. He also predicted that BPL would not prove to be the revenue generator the city anticipates. Under the franchise agreement, Manassas receives 10.5 percent of BPL revenue and is responsible only for the relatively small cost of equipment installation. The failure of the franchise agreement leaves the city with obligations that far exceed revenues, however.

The first municipally owned utility to offer citywide BPL, Manassas has changed the name of its project from the Broadband over Powerline Enterprise to the Telecommunications Services Enterprise. City budget documents indicate that Manassas is prepared to loan \$400,000 to the Telecommunications Services Enterprise Fund "to finance operating expenses" in Fiscal Year 2005.

The city's small BPL field trial involved fewer than a dozen homes and businesses in an area with underground utility wiring and no nearby Amateur Radio licensees. "Results of the eighteen-month pilot program were favorable and demonstrated BPL as a viable technology for the delivery of data services," the city's bid invitation declares. The city approved full-scale BPL deployment last October and started offering the service in February. The contract with Prospect Street Broadband apparently was terminated several weeks later.

**DUE TO VACATION SCHEDULES,
THE AUGUST 20, 2004 LVARC TEST
SESSION HAS BEEN CANCELED**



Monday Night RACES/ARES Net Control Operators for Summer, 2004

July	5	No Net - Holiday
July	12	N3MFT
July	19	AK3M
July	26	N3MFT
August	2	KA3UQP
August	9	KB3GZV/KB3GZW
August	16	N0KIA
August	23	N3MFT
August	30	AK3M
Sept	6	No Net - Holiday
Sept	13	N3MFT
Sept	20	KA3UQP
Sept	27	KB3GZV/KB3GZW

NEWSLETTER MATERIAL NEEDED

Each month I look for interesting and humorous information to include in the newsletter. This get increasingly difficult without your help. Send your submissions to me via US or e-mail (AK3M@rcn.com).

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)





Use Your HF Rig to Monitor Short Wave Voice of America Frequencies are listed below



Puts you in touch with the world...
Radio Broadcast Frequency Information
Frequencies listed are in (kHz) kiloHertz
(except where noted)
(updated: 02 April 2004)

AFRICA

9850 15410 15580
909 11975 17895 (1730-1800 UTC only)

MIDDLE EAST, NORTH AFRICA, AND EUROPE

6040 9700 9760 15255

FAR EAST ASIA, SOUTH ASIA and OCEANIA

1143 1575 5990 6045 6110 7125 9525 9645 9795 11955 12005 15255
15395

New Ham Receives Call In Record Time

In record time, Andrew Krasnansky, who tested at the LVARC June test session, received his call. Andrew tested on June 18 and received his call on June 22. That time frame included a weekend!!

Lehigh Valley hams welcome Andrew (KB3LHM)!



Portable Dipole

de Mark (AK3M)

I saw this advertisement in *World Radio* (July, 2004, Year 34, issue 1) . The "Yo-Yo-Tenna," inexpensive and portable! Just the thing for Field Day or any emergency or portable operation. Visit their web site at QTH.com

"Best Portable Antenna I've Ever Used!"
- WB6ZFG *

***Use outdoor, indoors, or in your attic!**

Wind Up Dipole Antenna

Plugs directly into rig or tuner! Or use your own coaxial feed. 2 thru 40 meters. Buy additional single reels for 75/80 meters (2 required) and 160 meters (4 required). Great for camping, cruises, travel, vacations, portable, & Emergencies! (i.e. 9/11 and Blackout '03) Your satisfaction is guaranteed!

***Don't spend hundreds for portability!**

***NOT JUST for QRP!**

***Attention: ARES, RACES, ARPSC members!**

Only \$29.95 \$7.95 S/H

Additional Single Reels only \$14.95!

The "Yo-Yo-Tenna" Deluxe!

Secure Online Ordering Now Available!

DWM Communications
P.O. Box 87
Hanover, MI 49241
1-517-563-2613
<http://QTH.com/dwm>

Additional Stanzas of the National Anthem (see page 9)

On the shore, dimly seen through the mists of the deep,
Where the foe's haughty host in dread silence reposes,
What is that which the breeze, o'er the towering steep,
As it fitfully blows, now conceals, now discloses?
Now it catches the gleam of the morning's first beam,
In full glory reflected now shines on the stream:
'Tis the Star-Spangled Banner! O long may it wave
O'er the land of the free and the home of the brave.

Oh! thus be it ever, when freemen shall stand
Between their loved homes and the war's desolation!
Blest with victory and peace, may the heaven-rescued land
Praise the Power that hath made and preserved us a nation.
Then conquer we must, for our cause it is just,
And this be our motto: "In God is our trust".
And the Star-Spangled Banner forever shall wave
O'er the land of the free and the home of the brave!



Field Day 2004 Has Come and Gone - de Mark (AK3M)

Field Day 2004 has come and gone but not without leaving many memories behind!! Who could forget the excellent weather this year and what about all those antennas? Remember Larrie (KC2KQC) warning all of us that, “something was coming over the building” and we should all, “get back under the porch?” That French toast Sunday morning was terrific. We never did find out what the secret ingredient was Rod! Remember Paul towing his trailer cart giving away old computers and Lou in heaven taking them?! Who could answer all the questions from the Boy Scout troop? Last, but certainly not least, who could forget the fashion statement of FD, 2004? Paul’s pith helmet!

The fun began with many showing up Friday night despite the rain! Saturday and Sunday proved to have the best weather we have seen in a long time for Field Day. It was cool with low humidity which made for very comfortable conditions under which to operate.

Saturday morning showed busy hams erecting all kinds of antennas. There was a Buddipole, two Outbackers, dipoles, an MFJ vertical and a delta loop. Later in the day, Larrie (KC2KQC) and Tom (KB3IYB) constructed a G5RV. The LVARC had 4 stations on the air this year and operated 80m, 40m, 15, 10, and 20 SSB and NR3R uncovered his Bencher and worked numerous stations on CW. Dorian (KB3GZW) also tried 6 meter SSB for awhile on Sunday.

Few problems arose this year although as expected, there were a few. Paul was seen with a soldering gun in his hand and Mark (N3ULR) came to the rescue with an extra microphone after Mark’s (AK3M) desk mic for his Kenwood 430S had problems.

Lou treated us all to a view of the moon Saturday night with his telescope! As the ever diligent instructor, he invited the neighboring Boy Scouts to also view our natural satellite. Camp Serranova provided an excellent location to “moon gaze” because of the lack of city lights.

(See page 16 for some pictures of the LVARC Field day 2004!)

BIG TNX to FD Chairman, Lou (KF2WO), our FD Chef Rod (N3XG) and all the operators and members who visited the 2004 LVARC Field Day site!



LVARC Field Day 2004



Larry (NR3R) at one of the
HF stations



Rod (N3XG) and Robin (KB3GZV)
operate 10 meters inside



Rod (N3XG)



Larry's (NR3R) HF station "In a Box"



No shortage of HF receivers at FD!



Paul (NOKIA) and Dorian (KB3GZW)
operating 80 meters



No More Mobile Cell Phone Use In New Jersey

de Chris (N3RPV)

FYI Effective July 1, 2004, cellular phone usage while driving in Jersey is not allowed unless using it hands free. Here are some articles on that in case you are interested.

http://1010wins.com/topstories/winstopstories_story_

<http://www.dailyrecord.com/news/articles/news1-nophones.htm>><http://www.dailyrecord.com/news/articles/nei>



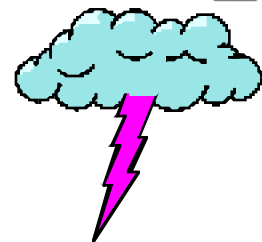
"New Jersey's ban on cell phone use by drivers goes into full effect Thursday [July 1, 2004], but police still can't pull somebody over simply for chattering away while going down the road. Motorists talking on hand-held cell phones while behind the wheel could be fined up to \$250, but only if they are stopped for another driving infraction. That has some questioning the effectiveness of the new law."

Lightning Protection

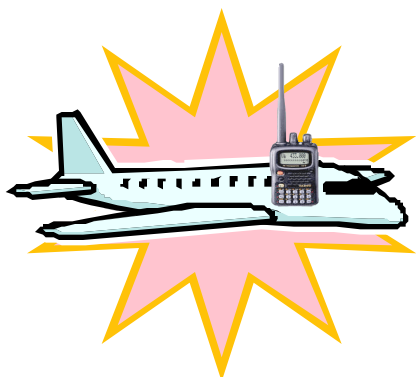
printed with permission
by Blair Bates (K3YD).

I found web site on lightning safety; for both people and structures (as in tower or wire in the sky). The National Lightning Safety Institute (NLSI) is a non-profit advocate of lightning safety.

SEE: <http://www.lightningsafety.com/>



Larrie (KC2KQC) is now W2UL!!!!!!



TNX to Paul for an Excellent Program on Aircraft Communications

Paul (NOKIA) had a terrific presentation on *Aircraft Communications* at the July 6, 2004 meeting. He also included navigation procedures. His presentation came complete with a PowerPoint

slides and maps. All in attendance learned quite a lot! TNX Paul!

The LVARC Welcomes Two Guests

The LVARC welcomed two visitors at the July 6, 2004 meeting. In attendance were Bradley W. Bortree (N3WCC) and Bob C. Yankovich (N3QZR).

THE LVARC IS INCORPORATED !

A BIG TNX to Bob (N3QZR) for locating a web site which proves that the LVARC IS IN FACT INCORPORATED! See the following URL! **TNX BOB !**

<http://www.dos.beta.state.pa.us/CorpsApp/Corpsweb/Search/wfEntityDetails.aspx?EntityNo=202697&FilingNo=1>

Orphan Search Results				<< >>	
County	Filing Date	Corp Type		Corp Name	
Lehigh	12/06/1956	ARTICLES OF INCORPORATION-NON-PROFIT		LEHIGH VALLEY AMATEUR RADIO CLUB	
				<< >>	
County Orphan Details					
County	Lehigh				
Orphan Name	LEHIGH VALLEY AMATEUR RADIO CLUB				
Filing Date	12/06/1956	Type	AIN	Status	Yes
Microfilm	95365	Microfilm Start	70	Microfilm End	72