

The E-VOX

The Official *On-Line* Newsletter of the



Lehigh Valley Amateur Radio Club - W3OI



Allentown, Pennsylvania (Lehigh County) - USA

Officers

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Repeaters

146.34 / 146.94 (PL 71.9)
147.735/147.135 (PL 167.9)
Club Simplex Freq. - 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>





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Newsletter submissions can be sent to Mark (AK3M)
at AK3M@rcn.com

Your submissions can be text and/or graphics.



The April, 2007 LVARC meeting will be held on April 3, 2007 at the Tri-Clover Fire Co. at 7:30 pm.

Program: *Mobile Tuners*
 Presenter: Rod (N3XG)



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 - 2007

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Mondays</u>
January	131	4
February	128	4





Minutes of the March 6, 2007 LVARC Meeting Submitted by Phil (KB3HMK) - LVARC Recording Secretary



The meeting was called to order by President Wolfe at 1932 Hrs, (EST / EDST).

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

There were a total of members in attendance, and the club was joined by guests. The following Board Members were present at the meeting: Rod (N3XG), Craig (N3TSY), Phil (KB3HMK), Paul (N0KIA), Mark (AK3M), Frank (W3FTU), Robin (KB3GZV), and Walt (KE3SP).

Corrections Additions to the minutes: None noted

Motion by: Mark – N3ULR

Second by: Carl – AA3IX

Carried (Y/N) Y

Guests: Jennifer Thomas – KB3NOV

Treasurer's Report (Paul - N0KIA)

Starting Balance: \$3,044.66

Ending Balance: \$3,038.95

Approved by: Mike – KB3LOD

Second by: Carl – AA3IX

Carried: (Y/N) Y

Committee Reports:

Repeater: Rod sent an RFP to Ecco Communications and PMC Enterprises for the new 147.135 repeater. He believes we will get a better deal from Ecco the other company is what Lehigh County uses.

Program: Phil reports that tonight will be Rod (N3XG). He will be doing a presentation on shortwave listening with a radio demonstration. Next month will also be Rod, he will bring in his radio tuner for mobile radios. He will have a power supply with Anderson power poles to connect to. If you have a program you would like to do or have any suggestions, please contact Phil (KB3HMK).

Volunteer Examiners: Mark reports that no one tested for the month of February. The next test session will be on March 16. So far one person is signed up to test. If you like to test, please contact Mark (AK3M). The end of June, the general test questions will change. Tech licenses are also booming.

Field Day: No report

Web Site: No report

Education: No report



Old Business: The club is still collecting ink cartridges to support the 147.135 repeater fund. Contact Frank (W3FTU) for mail bags. The Cherry Hill hamfest will be held on March 24. The club will have a table to sell items. If you would like to donate any ham related items, please contact Frank (W3FTU) by March 21. All proceeds will go to the 147.135 repeater fund. Techs now have some HF privileges, the club wants to explore having a 10 meter net. More info to follow. Mark is still looking for volunteers to help with _ marathon that is being held on April 29. Please contact Mark (AK3M) if you are to help out. The FAR Scholarship Foundation is taking applications until April 30. Please see the website for more info. The website is www.w3oi.org .

New Business: The EMS Councils emergency vehicle (EMS10) now has an Icom IC-706. The Council covers 5 counties and also supports the Terrorism Task Force for the state. Received our annual renewal notice for the A.R.C.C. We will be renewing. This group also looks for dead repeaters. The club asks that you use the 147.135 repeater to keep it active. The Pocono Area Hamfest will be on September 8. If you write a check out to the club, please make sure the funds are in your account to cover it. The club is charged for returned checks.

Good of Order: The F.C.C. will host a First Responders Summit on April 20. For more info, go to www.qrz.com .

Sick Report: None noted

New Members: Jennifer Thomas – KB3NOV

Motion by: Mark – N3ULR

Second by: Larry – KN3L

Carried (Y/N) Y

* Special Note – The meeting was reopened at 2004 hrs. to accept this application.

The LVARC Monthly Business Meeting Closed at 1955 hrs, EST.

Motion by: Bruce – KA3TIU

Second by: Larry – KN3L

In favor: Y

Respectfully Submitted de KB3HMK, Secretary.

\$\$\$ W3OI Finances \$\$\$
Balance ending February, 2007 - \$ 3,038.95





This Month In Ham Radio


Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 ARES RACES Net 7:30 Paul - N0KIA	3 LVARC Meeting Tri-Clover 7:30	4	5 LVARC Thursday Night Net 7:30 pm	6	7
8 Easter 	9 ARES RACES Net 7:30 Rod - N3XG	10	11	12 LVARC Thursday Night Net 7:30 pm	13	14
15 Deadline to schedule test	16 ARES RACES Net 7:30 Larry - KN3L	17	18 World Amateur Radio Day	19 LVARC Thursday Night Net 7:30 pm	20 LVARC Test Session 7:00 pm	21
22	23 ARES RACES Net 7:30 Jeff - N3MFT	24	25	26 LVARC Thursday Night Net 7:30 pm	27	28
29 LVRR 1/2 Marathon	30 ARES RACES Net 7:30 Mark - AK3M	<p>April 2007 <i>Happy Easter</i> Welcome Spring!</p> 				

LVARC Meeting - Tuesday April 3 - 7:30 - Tri-Clover Fire Co.

Test Session - Friday April 20 - 7:00 pm - Red Cross Bldg.



LVARC Activities/Events

Mark your Calendar PRINT, CLIP and POST 

- Monday April 2 --- LC RACES/ARES Net - 7:30 pm (146.94)
- Tuesday April 3 -- LVARC Meeting - 7:30 pm (Tri-Clover Fire Co.)
- Thursday April 5 -- LVARC Thursday Night Net 7:30 pm (147.135)
- Monday April 9 --- LC RACES/ARES Net - 7:30 pm (146.94)
- Thursday April 12 -- LVARC Thursday Night Net 7:30 pm (147.135)
- Sunday April 15 -- Deadline to Schedule Test Session for this month
- Monday April 16 --- LC RACES/ARES Net - 7:30 pm (146.94)
- Thursday April 19 -- LVARC Thursday Night Net 7:30 pm (147.135)
- Friday April 20 -- LVARC Test Session (REGISTRATION NECESSARY)
- Monday April 23 --- LC RACES/ARES Net - 7:30 pm (146.94)
- Thursday April 26 -- LVARC Thursday Night Net 7:30 pm (147.135)
- Sunday April 29 -- LVRR 1/2 Marathon
- Monday April 30 --- LC RACES/ARES Net - 7:30 pm (146.94)

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

REMEMBER: The LVARC offers amateur radio testing. If you want to obtain your entry level license or if you wish to upgrade, the LVARC can help.

Test sessions are given the 3rd Friday of each month.

REGISTRATION IS REQUIRED!!! Registration must be made no later than the Sunday before the Friday test session.

To schedule a test or for more information, contact Mark (AK3M) at AK3M@rcn.com or call 610-865-9183.



REMEMBER: Registration for the monthly test session, must be made NO LATER THAN THE SUNDAY BEFORE THE TEST!

Contact Mark (AK3M) at AK3M@rcn.com or call 610-865-9183



Mark (AK3M) is looking for Net Control Operators for the LVARC Thursday Night Net/roundtable. If you are available, please contact Mark at AK3M@rcn.com.





LVARC
VE
Program



ARRL
The national association for
AMATEUR RADIO



There was no one scheduled to test at the February 16, 2007 test session.

Application Avalanche Under Way as New Codeless Testing Regime Ramps Up (Feb 28, 2007) --

The avalanche of Amateur Radio license and license upgrade applications prompted by the FCC's elimination of Morse code as a licensing requirement is well under way with no end in sight.



Lehigh Valley Roadrunners Request LVARC Help!



For the second year, the Lehigh Valley Roadrunners are requesting communications support for their 1/2 Marathon. This race will be held on Sunday April 29, 2007.

This race is a very prestigious event with participants from all over the globe!

We need at least 10 operators to cover this event. We do not want to let them down.

If you are interested in using your equipment and your communication skills, please contact Mark (AK3M) at AK3M@rcn.com. **Don't wait. Volunteer now!**



**New Call --- Chris Post WAS N3SIG but is now WZ3Q!
CONGRATULATIONS Chris on your upgrade and new call.**



Five Years of the E-VOX Now Available



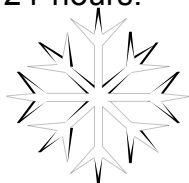
Five years of the LVARC's newsletter (VOX) are now available on CD. All 60 issues are in a pdf format and appear as they did when they were posted on the club's website. The CD is free with a replacement.

All issues from 2002 through 2006 are included on this CD. Find your favorite article, read minutes of past meetings etc.

For a copy, contact Mark (AK3M).

VALENTINE'S DAY STORM HITS VALLEY

On Wednesday February 14, 2007, a winter storm hit the Lehigh Valley. Up to 8 inches of snow and ice fell in the area. The accumulation of ice kept the snow totals down but made for very difficult travel. Numerous accidents were reported via the public service VHF frequencies. Channel 69 reported more than 543 cancellations including schools for two days and many businesses. Wind chills kept the "real feel" temperature at or below zero! A huge traffic jam on 78 West of New Smithville held many motorists captive in their cars for more than 24 hours!





Elimination of the CW Requirement Demystified - de Mark (AK3M)

As we all have heard, the Morse Code Requirement ended Friday, February 23, 2007! Following, is the bottom line.

If you have a Technician license:

1. You can now upgrade **WITHOUT** the Element 1 (CW). You **MUST** have a valid CSCE. A CSCE is valid if dated within 365 days from the date you test.

ALL upgrades **MUST** be done via a VE Test session. That means, you will need to present to the VE team:

1. 2 forms of ID
2. \$14.00 (EXACT CASH)
3. Your valid CSCE
4. A **COPY** of your license which must accompany your NCVEC 605.

You will be required to complete a NCVEC 605. Your paperwork will be processed like any other paperwork to the ARRL.

Remember, your upgrade from Technician is NOT automatic. You must upgrade at a certified ARRL VE test session.

Galaxy DX88HL (CB) for sale if anyone is interested. Asking \$250 or OBO. Looks like top of the line CB on the internet. Originally selling for \$300 some dollars.....

Call 610-443-3035





Walk-In Testing to Be Offered at Field Day, 2007



For the second year, the Lehigh Valley Amateur Radio Club will hold "open," or Walk-In license testing at their 2007 Field Day site at the Tri-Clover Fire Company (Saturday June 23, 2007) !!

NO PRE-REGISTRATION IS NECESSARY!!!

Testing for Technician, General and Extra classes will be available. The hours for testing will be **9:00 am until noon ONLY**. Those testing are then invited to stay and observe/participate in the Field Day activities.

TO TEST, YOU WILL NEED:

1. 2 proofs of ID
2. **\$14.00 EXACT CASH** for EACH test
3. A COPY of your license (It will NOT be returned to you.)
4. You may take a calculator but it may NOT have any formulas stored in memory.
5. 2 sharpened pencils

10 Meter Net to Begin

top news

There will be a 10 meter net immediately following the Monday night ARES/RACES Net. The net will meet on 28.375. Listen for Dorian (KB3GZW) who will act as the NCS.



ARES/RACES Net Control Operators Needed

★ Jeff Kelly (N3MFT) is looking for volunteers to act as net control operators for the Monday Night Net. If you are interested, contact Jeff. ★ ★



Want to Display Your Call and Amateur Radio Pride?

The ARRL has clothing and jewelry for sale. See the ARRL's web site ([www.http://www.arrl.org](http://www.arrl.org)) and select **catalog and store** from the upper right of their site.

Atlantic Division News Update
 March 3, 2007
 Bulletin 2007-01

Atlantic Division 2007 Awards Nominations

Do you know someone who has really stood out in their service to amateur radio? That service could be in: technical abilities; public service; training; education, you name it. Wouldn't it be an honor for that individual or group to be recognized by their peers for their time and talents spent in good service to others? Why not nominate them for one of the Atlantic Division Awards that they qualify for?

Nominations are being sought for two awards, Amateur of the Year and Technical Achievement Award. Atlantic Division awards are presented annually to the hams who make us proud to be part of the Amateur Radio Service. Nominations are taken from the ham community. Selection is made by an Awards Committee chaired by the Atlantic Division Vice Director.

The awards are conferred at the annual Division Convention. The nomination period closes April 14, 2007 for this nomination. For more information, go to <http://www.atldiv.org/AtlAwards.htm>.



What's on Shortwave? (de Rod - N3XG)

International Radio Broadcasts

Time Standards

Utility Stations (maritime, aeronautical, business)

International Broadcast Bands

Band	Megahertz	Characteristics
120 m	2.300 – 2.490 MHz	Night time only
90 m	3.200 – 3.400 MHz	Night only, mostly domestic
75 m	3.900 – 4.000 MHz	International and domestic
60 m	4.750 – 5.060 MHz	Mostly domestic
49 m	5.950 – 6.200 MHz	Best night band everywhere
41 m	7.100 – 7.300 MHz	Good all night in Eastern US
31 m	9.500 – 9.900 MHz	Good all night / everywhere
25 m	11.650 – 12.050 MHz	Best at sunrise and sunset
22 m	13.600 – 13.800 MHz	Similar to 19, fewer stations
19 m	15.100 – 15.600 MHz	Best day band
16 m	17.550 – 17.900 MHz	Good day band
13 m	21.450 – 21.500 MHz	Results vary, best afternoons
11 m	25.670 – 26.100 MHz	Results vary

Time Standards (AM)

Station	Frequency (MHz)	Characteristics
CHU-time (Canada)	3.330	Best at night
CHU-time (Canada)	7.335	Day / Night
CHU-time (Canada)	14.670	Best during daylight
WWV	2.500	Night
WWV	5.000	Night
WWV	10.000	Day / Night
WWV	15.000	Day (male voice)
WWH – Hawaii	15.000	Day (female voice)
WWV	20.000	Day

WWV also includes space weather forecast at 18 min after the hour, Marine Storm Warnings for the Atlantic are at 8 and 9 minutes after the hour, and Marine Storm Warnings for the North Pacific are at 48, 49, 50, and 51 minutes after the hour.



Utility Stations (usually USB)

Aeronautical (KHz)

2850 – 3155	3400 – 3500	4650 – 4750	5480 – 5730	6525 – 6765
8815 – 9040	10005 – 10100	11175 – 11400	13200 – 13360	
15010 – 15100	17900 – 18030	21870 – 22000	23200 – 23350	

Maritime (KHz)

4063 – 4438	6200 – 6525	8195 – 8815	12230 – 13200	16360 – 17410
18780 – 18900	19680 – 19800	22000 – 22720	25070 – 25110	

Programs to North America

Jazz Show – Voice of Russia

Winter – 0231 Wednesday
7180, 7250, 15475, 15595

Quirks and Quarks (Science Show) – CBC / RCI

Winter – 1605 Saturday
9515, 13655, 17820

Folk Box – Voice of Russia

Winter – 0231 Tuesday
7180, 7250, 15425, 15475, 15595

Winter – 0531 Thursday
7150, 7180, 7350, 9840, 12010, 15425

Arts on the Air – Deutsche Welle

Winter – 2130 Tuesday
9615, 11690

Radio Taiwan International

Winter – 0200 – 0300 Daily English Broadcast to Eastern North America
5950, 9680
(News, then varied programming depending on day)
Friday (UTC) 0220 – 0250 – Mandopop
Saturday (UTC) 0220 – 0250 – Groove Zone