

The **E-VOX**

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



Lehigh **V**alley **A**mateur **R**adio **C**lub - **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 !



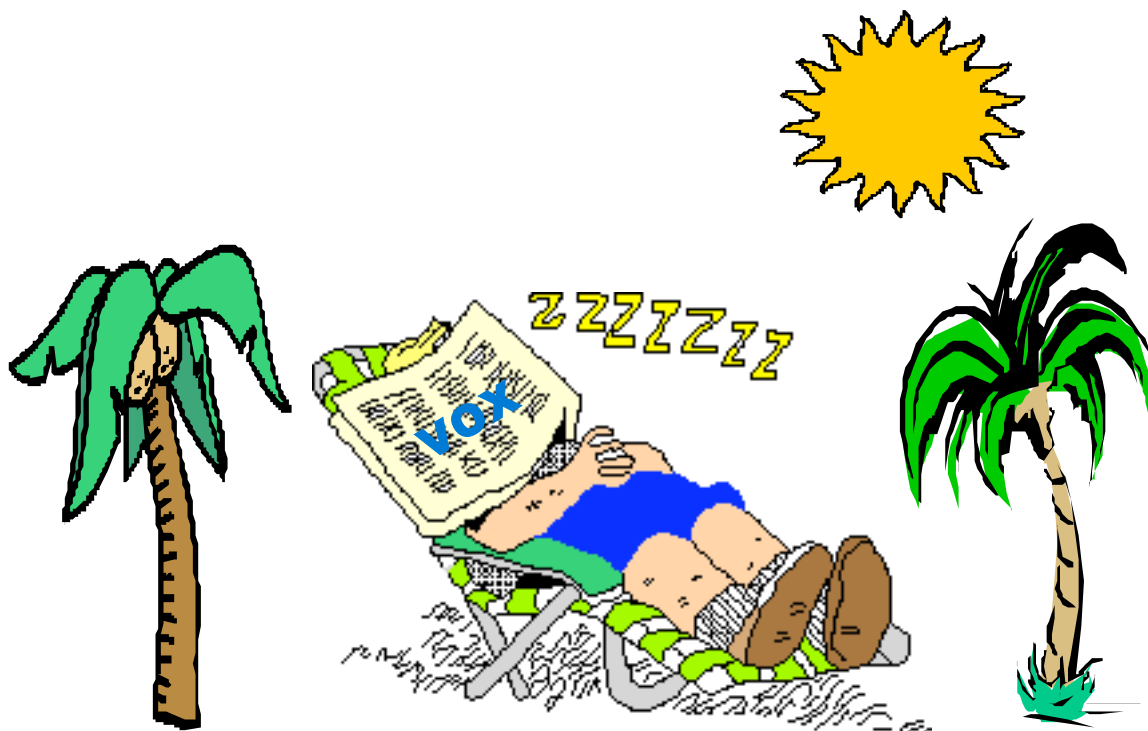
W3OI Home Page: <http://www.w3oi.org>



August 2005 Contents



Meeting Information	page 3
L.C. RACES Net Information	page 3
Minutes of the July, 2005 Meeting	pages 4-5
This Month In Ham Radio	page 6
LVARC Activities	page 7
LVARC VE Report	page 8
New Hams / IDR Training.....	page 9
Net Control Op Schedule	page 10
Field Day, 2005	pages 11-13
FOR SALE	page 14





The August LVARC meeting will be held on August 2, 2005 at the Red Cross Building at 7:30 pm.

Program: "Intro to Basic Electronics"
Presenter: Paul (N0KIA)



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 - 2005

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Mondays</u>
January	169	5
February	130	4
March	126	4
April	131	4
May	128	4
June	117	4



**Minutes of the July 5, 2005 Meeting**
de Phil (KB3HMK), - Secretary - LVARC**Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes**

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 21 members in attendance, and the club was joined by 1 guest. The following Board Members were present at the meeting: Rod – N3XG, Walt – KE3SP, Paul – N0KIA, Phil – KB3HMK, Mark – AK3M, Frank – W3FTU, Robin – KB3GZV.

Corrections Additions to the minutes: None noted

Approved by: Larry – KB3JMS

Second by: Mark – AK3M

Carried (Y/N) Y

Treasurer's Report (Paul - N0KIA)

Beginning balance: \$1,043.57

Ending balance: \$1,266.94

Approved by: Larry – W2UL

Second by: Craig – N3TSY

Carried: (Y/N) Y

Committee Reports:

Repeater: The 147.135 repeater is working. Rod has heard a lot of keying up. Please identify yourself if you are testing your radio.

Program: Phil reports that tonight's program will be Paul (N0KIA) doing part 4 of the Elmer 101 Electronics course. The rest of the year will be Paul continuing with the course. If there is a program someone wants to do, please let Phil (KB3HMK) know.

Volunteer Examiners: Mark (AK3M) is doing a great job getting V.E.'s. to do the test sessions. Mark reports that last month, 3 people tested and 2 passed. Andrew Hillenius passed the technician test. Many people are finding out about the testing through the website and A.R.R.L. website. Anyone wishing to be a V.E. please contact Mark (AK3M). You need to have a general class or higher.

Field Day: This year's field day was a success. Everyone who attended had a good time. The club operated as 3 alpha. There were 2 HF stations running and a VHF/UHF station. The club will send a thank you letter to Whitehall Twsp. for the use of the park. Will also send a thank you letter to Jeff (N3MFT) and the Lehigh County E.M.A. office for the use of the mobile command unit. There was a reporter from the East Penn Express at Field Day. He said he would try to get a story about field in the local papers. 33 people attended field day



Web Site: The website is up and running.

Education: Now that field day is over, the club will start looking into having a class for the EmComm 1 certification. We will also start looking into having another technician course. If anyone is a V.E. and has the EmComm 1 certification, you can apply to be test giver for the course.

Old Business: The 1st annual W3OI auction was a success. The club raised \$190. Thank you to Frank (W3FTU) for organizing it and also to Tom (KB3IYB) for being the auctioneer.

New Business: A thank you to Larry (KB3JMS) for donating a full sized American flag. The club will work on a way to hang it in the room during the meeting.

New Members/Guests: Matthew Boyer – N3MYM (New member)

The meeting was reopened at 2011 Hrs. to accept Andrew Hillenius (KB3MKC) as a new member. The motion was made by Larry (W2UL) and seconded by Walt (KE3SP). All in favor was a yes. The meeting was closed at 2013 Hrs. A motion was made by Jeff (WD3V) and seconded by Craig (N3TSY). All in favor was a yes.

New Members Motion to Accept by: Larry – KB3JMS

Second by: Charlie – KB3FDM

Carried (Y/N) Y

The LVARC Monthly Business Meeting Closed at 2000 hrs, EST.

Motion by: Larry – W2UL

Second by: Mark – AK3M

In favor: Y

Respectfully Submitted de KB3HMK, Secretary.


\$\$\$ W3OI Finances \$\$\$

Balance as of June 30, 2005 - \$1,266.94





This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 ARES RACES Net 7:30 Dorian KB3GZW	2 LVARC Meeting Red Cross 7:30	3	4	5	6 ARRL UHF Contest 10-10 Summer Contest Natl. Lighthouse Weekend QSO European HF Cham
7 ARRL UHF Contest 10-10 Summer Contest Natl. Lighthouse Weekend QSO	8 ARES RACES Net 7:30 Paul NOKIA	9	10	11	12	13 Maryland DC QSO Party
14 Deadline to Schedule Test Session Maryland DC QSO Party	15 ARES RACES Net 7:30 Jeff N3MFT	16	17	18	19 LVARC VE Test Session 7:00 pm	20 N. Amer QSO Party New Jersey QSO Party
21 N. Amer QSO Party New Jersey QSO Party	22 ARES RACES Net 7:30 Mark AK3M	23	24	25	26	27 Hawaii QSO Party Ohio QSO Party
28 Hawaii QSO Party Ohio QSO Party Kentucky QSO Party	29 ARES RACES Net 7:30 Jim KA3UQP	30	31	<div>August 2005</div> 		

LVARC Meeting - Tuesday August 2 - 7:00 pm - Red Cross Bldg.

Test Session - Friday August 19- 7:00 pm - Red Cross



LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Monday August 1 --- LC RACES/ARES Net

Tuesday August 2 --- LVARC Meeting - 7:30 PM (Red Cross Bldg.)

Monday August 8 --- LC RACES/ARES Net - 7:30 pm (146.94)

Monday August 15 --- LC RACES/ARES Net - 7:30 pm (146.94)

Friday August 19 --- VE Test Session (7:00 pm Red Cross Bldg.)

Monday August 22 --- LC RACES/ARES Net - 7:30 pm (146.94)

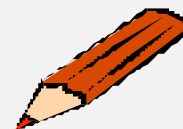
Monday August 29 --- LC RACES/ARES Net - 7:30 pm (146.94)

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 all levels of 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.



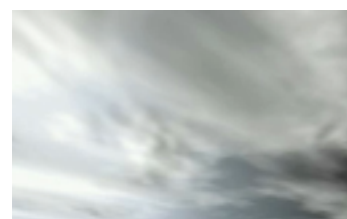
To schedule a test or for more information, contact Mark (AK3M) at AK3M@rcn.com or call 610-865-9183.

HURRICANE CONDITIONS DEFINED

Submitted by Larry (NR3R) Source: the USCG

The following Hurricane conditions are defined as follows:

- Condition Five Annual seasonal alert from 1 June through 30 November
- Condition Four Hurricane force winds are expected within 72 hours
- Condition Three Hurricane force winds are expected within 48 hours
- Condition Two Hurricane force winds are expected within 24 hours
- Condition One Hurricane force winds are expected within 12 hours



**LVARC VE Test Report**

de Mark (AK3M)

**AMATEUR
RADIO
LICENSE**

The LVARC is pleased to announce that **Scott Cross**, a former Novice, passed his Technician and General class tests and

Andrew Hillenius passed his Technician test.

CONGRATULATIONS to Scott (General) and Andrew (Technician)!

TNX to VE's Frank (W3FTU) and Walt (KE3SP).

Since the LVARC VE Test Session began on April 25, 2003, the LVARC has tested 42 people and earned \$212.00 for the club not to mention many who have tested with the LVARC have also become active, contributing LVARC members.

Current Exam Question Pools

The current question pools and their four-year validation periods are as follows:

Current Technician Class (Element 2) -- Expires midnight 6/30/07 (pending any changes related to FCC restructuring)

Current General Class (Element 3) -- Expires midnight 6/30/08

Current Extra Class (Element 4) -- Valid until further notice

Source: QST July, 2005 - page 87

To have something published in the E-VOX, send your favorite joke, radio related article, review of an item, diagram, etc. to Mark Miller (AK3M) at AK3M@rcn.com or US mail to 5508 Hale Avenue, Bethlehem, PA 18017.



CONGRATULATIONS to Scott Cross and Andrew Hillenius on receiving their calls. Andrew's new call is KB3MKC and Scott drew KB3MKD.

Continued Emergency Training

Several LVARC/RACES members attended the **Initial Damage Reporting** workshop held at the Trexlertown Fire Company on Thursday June 23, 2005. **Jeff** (N3MFT), **Frank** (W3FTU), **Dorian** (KB3GZW), **Robin** (KB3GZW), **Larrie** (N2UL), **Bill** (KA3RBH), **Phil** (KB3HMK), **Mark** (AK3M) and **Paul** (N0KIA) listened as Don Jacobs from PEMA (Eastern Area) explained how the *Initial Damage Reporting* procedure is handled after an incident or event. The program included identification and the classification of damaged property. That information is then reported to Lehigh County who in turn, forwards it to the state (PEMA).



Don was brought in to speak by Tom Nervine, Lehigh County EMA director. Additional attendees included local fire officials and emergency directors.

In spite of the cost of living, it's still popular. ---
Eleanor Roosevelt (1884 - 1962)

REMEMBER: Registration for the monthly VE 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

**Monday Night RACES/ARES Net Control Operators****August, 2005**

August 1
August 8
August 15
August 22
August 29

KB3GZW
N0KIA
N3MFT
AK3M
KA3UQP

Dorian
Paul
Jeff
Mark
Jim

**HF/VHF/UHF/Digital Contest Calendar Sites**
(de Mark- AK3M)

I use the following web sites to complete the calendar (see page 6) which appears in every issue of the EVOX. Feel free to visit them yourself. You may find additional contests as some are not included in the newsletter due to space.

<http://www.arrl.org/contests/calendar.html>
<http://www.hornucopia.com/contestcal/contestcal.html>
<http://home.online.no/~janalme/hammain.html>

**A Measurement of Success***Field Day 2005*

Sweat, sunscreen, and technical know-how is how the field day site developed from an open hill top in a rolling parkway into a temporary home for some of the Lehigh Valley's hams as they came to partake, experiment, and make contacts in the name of ham radio emergency preparedness. Some came to watch, learn and listen. Others came to demonstrate, teach, and assist. Whatever the reason, hams from across the Lehigh Valley, and the country, took a break from their normal routines to participate in the year's biggest event.

(continued on page 11)



(continued from page 10)

The success of Field Day has always been a matter of contention between hams. Many feel that Field Day can only be judged on the ability of a group to put as many transmitters on the air as their generator will allow and contact other groups, non-stop, for 24 hours. This is, after all, a standard benchmark that most engineers will agree upon. An endurance challenge, if you will, that is measured in tangible, concrete terms. Field Day success is then reported in the number of participants, transmitters, contacts and the all-important multiplier. But what about the intangible?

Field Day can also provide certain intangibles that are often difficult, if not impossible to measure. Participants should enjoy the fellowship of their friends, possibly meeting some face to face for the first time. Field Day provides a learning experience in the form of challenges. Some hams may be tasked with finding solutions to complex antenna structures or designs that can be rapidly deployed, while others may be challenged to overcome microphone shyness. The participants, observers, and those serendipitous guests should come away with more than they started with. The most important of all is fun. It is hard to assign a number to someone's fun, or to assess the level of fun at a field day site, but there are some clues.

Fun can be heard in the voices of the participants as they talk with other hams while at Field Day. Fun can be seen in the determination and concentration of the radio operator as he works the world. Fun is that little rise in your voice octave when you realize you just worked a station that goes beyond your own personal best. Fun still lingers in your voice when you talk to other hams about your own Field Day experiences long after the event is over.

The success of Field Day can be described in one word, anticipation. Without fun, learning, challenges and fellowship there is no anticipation. Without anticipation, there are no contacts, visits, or multipliers. It is the lasting anticipation that gives impetus to try new experiments, modes, antenna systems, and solution designs. It is, without a doubt, the measurement of success of Field Day Past, and the foundation of success for Field Day Future.

In the terms of the tangible, W3OI had a great field day. The main task, raising antennas using field expedient methods, was met with overwhelming success. Regular extension ladders provided the field expedient "tower structure" and stood without falter until they were manually lowered at the end of the event. The sub-task, keeping at least one transmitter on the air for 24 hours, was almost met perfectly. The club members ran 3A on generator power with a battery VHF station.

(continued on page 12)



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Two HF stations were on the air for almost the entire event, with very little downtime, usually just enough to change operators. Since the minor task goal was one station out of three, and we were able to keep two running overnight, we can hold our heads up high and say, "We made it". Officially the record will show: 380 contacts; 33 people signed the guest book; and visits by a uniformed active duty member of the US Army, one reporter, and countless friends and family members.

You can judge the intangible for yourself and wonder if anyone is already anticipating next year:

- KA3RBH sets up his own mast and beam, and on 2 meter FM works a station in Northern New Jersey. (Using only 5 watts)
- KB3GZW sets up for 6 meter SSB and works a station in Louisiana.
- WD3V pulls an all niter. All that is left of Jeff in the morning is his hat and sunglasses. An outer limits episode in the making? Only N3TSY knows for sure, and he's not talking.
- KB3LCU's third harmonic racks up the points during the first two hours of operation.
- The reporter from the Whitehall-Coplay Press photographs W3AMC using a ham stick like a gaffing pole to spear N3XG on the side of the command post vehicle.
- AI3D makes a rare east coast appearance and shows the new hams how to get on the air and "make those contacts".
- N3ULR tries to bank his contacts for next year. ("What do you mean 5?")
- N0KIA planning next year's antenna configurations using the "church raise".
- KB3GZV is researching ways to protect sensitive hands from ropes, hammers, and ladders. (Who wanted to take more off?)
- N3XG is overheard telling KU3X, "Oh the ladders? We can put them up with three or four guys. They may come down all on their own".
- WB3JSZ returns from vacation to work 75 meters on Sunday morning.
- N3MFT was seen hard at work, cranking up the semi-automated, fully analogue RACES ID Card Machine.

As for me, I'm already putting June 24 and 25, 2006 in my calendar!

Thanks to all that made FD 2005 possible to include the Township of Whitehall, and the County of Lehigh EMA. 73 and GREAT DX,

Rodney N3XG
President, LVARC

(FD 2005 pictures on page 13)



The RV, home away from home (top)

Bill KA3RBH making contacts (right)



AB3BS working 40 (left)



**FOR
SALE**

**Contact
Erik (AI3D)**

Staco Variac - \$100 obo
Input: 120V
Output: 0-140V
Rating: 3.5 KVA 25 AMPS



Magnetek Power Transformer - \$75 obo
Input: 120V
Output: 120V/240V
Rating: 3KVA



Sell both for \$150 package deal
(must pick up since heavy!)

