



The *E-VOX*

The Official *On-Line* Newsletter of the



Lehigh Valley Amateur Radio Club - W3OI / KB3SYV
Allentown, Pennsylvania (Lehigh County) - USA

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LVARC Repeaters

146.34 / 146.94 (PL 71.9)
147.735/147.135 (PL 167.9)
447.775 (PL 71.9)
Club Simplex Freq. - 147.420

LVARC/RACES/ARES Net

Every Monday at 7:30 (ET)
146.940 (PL 71.9)

D-Star




W3OI Dstar repeaters are now on W3OI at
147.165, W3EPE at 445.225 and W3OK at
145.110

Join us for a Mid-Atlantic regional net Tuesdays
on the 147.165 port

To register for the Gateway or need information
on setting up the radio, please visit
<http://www.epaares.org/dstar/>

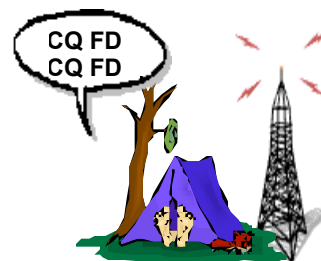
W3OI Home Page: <http://www.w3oi.org>

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Field Day This Month !



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

Your submissions can be text and/or graphics.



The June, 2010 LVARC meeting will be held
on June 1, 2010 at the Tri-Clover Fire Co. at 7:30 pm.



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 - 2010

Month

January
February
March
April



Number of Check-In's

137
125
146
121



Number of Nets

4
4
5
4



Have you seen the ARRL's new website? Visit
ARRL.org

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

Minutes of the May, 2010 LVARC Meeting

Submitted by Phil (KB3HMK)



The meeting was called to order by Treasurer Ryan at 1935 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 20 members in attendance, and the club was joined by 5 guests. The following Board Members were present at the meeting: Rod (N3XG) (Late), Phil (KB3HMK), Paul (N0KIA), Robin (KB3GZV), Walt (KE3SP), Dorian (KB3GZW) and Brian (KW3K).

Corrections Additions to the minutes: None noted

Motion by: Brian – KB3QHA

Second by: Dave – W3AMC

Carried (Y/N) Y

Guests: Jared – KB3TYD

Alan – KB3TYE

Don – W5DYV

Steve – NS3L

Lewis Veasey

Treasurer's Report (Paul - N0KIA)

Starting Balance: \$3,222.23

Ending Balance: \$3,165.81

Approved by: Carl – AA3IX

Second by: Walt – KE3SP

Carried: (Y/N) Y

Committee Reports:

Repeater: Nothing noted

Program: Phil reports that tonight will be Paul (N0KIA). He will be doing "What every ham should know – MultiMate's". The program for July will Paul again. He will be doing "Ohms Law" for the series that he is doing. He is in need of one for June. Brian (KW3K) said he would do a program on the follow up to there trip to the Dayton Hamfest.

Volunteer Examiners:

May VE Report

Three tested at the April 16, 2010 LVARC test session and three passed.

CONGRATULATIONS to: Ed Earley - Technician

Dave Hinkle (N3GRH) - General

Keith Kennedy - Technician

ARES Report

A HUGE TNX to all who participated in the LV Road Runners/St. Luke's 1/2 Marathon on April 25.

At net control was Mark (AK3M) and Larry (NR3R). Operators around the course included, Charlie (N3WYO), Ryan (KB3MPX), Jeff (KB3OCP), Jeff (N3MFT), Gary (W3GRD), Don (W3DLH), Bob (WB3JSZ) and Paul (N0KIA).

Old Business: St. Joes the Worker Walk-a-Thon will be held on May 15. Contact Mark (AK3M) to help.
There will be a 5k run in the Lehigh Parkway benefiting Inner City Girls "Learning to Run" program. It will be held on May 24. It will run from 6 to 730 PM. Contact Rod if you would like to help.
The club raised \$690 from the Lottery Calendar fundraiser. We sold 210 tickets. A big thank you to everyone that helped out.

New Business: Stephen Nordahl was voted in as a new member.
The W3OK club will be having a special presentation on "The History of the DLARC – 63 _ of Amateur Radio in the Lehigh Valley". It's this Thursday at the Nancy Run Fire Company in Bethlehem Township at 730 PM.
The Dayton Hamfest will be on May 14 – 16.

Good of Order: Manassas Hamfest will be held on June 13.

New Members: Stephen Nordahl – NS3L
Motion by: Carl – AA3IX
Second by: Dave – K3GMT
Carried (Y/N) Y

The LVARC Monthly Business Meeting Closed at 2000 hrs, EST.
Motion by: Brian – KW3K
Second by: Gary – W3GRD
In favor: Y
Respectfully Submitted de KB3HMK, Secretary.



The LVARC welcomes new member, Stephen Nordahl – NS3L

**WELCOME to the LVARC
Stephen !**



DV Dongle.

A D-Star device for the computer.
Asking \$150.

Contact Phil (KB3HMK).

philbert17@verizon.net



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

Balance ending April, 2010 - \$3,165.81



This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 LVARC Meeting Tri-Clover 7:30	2 Dist. 2 RACES Net - 7:30 147.255	3	4	5
	6	7 ARES RACES Net 7:30	8	9 Dist. 2 RACES Net - 7:30 147.255	10	11
	12	13 Deadline to schedule test	14 ARES RACES Net 7:30	15	16 Dist. 2 RACES Net - 7:30 147.255	17
	18 LVARC Test Session 7:00 pm	19	20	21 ARES RACES Net 7:30	22	23 Dist. 2 RACES Net - 7:30 147.255
	24	25	26 Field Day 	27 Field Day 	28 ARES RACES Net 7:30	29
			30 Dist. 2 RACES Net - 7:30 147.255	June 2010		

LVARC Meeting - Tuesday June 1 - 7:30 - Tri-Clover Fire Co.

Test Session - Friday June 18 - 7:00 pm - Red Cross Building

LVARC Activities/Events

Mark your Calendar PRINT, CLIP and POST



Tuesday June 1 --- LVARC Meeting (7:30 - Tri Clover FC)
Monday June 7 --- LC RACES/ARES Net - 7:30 pm (146.94)
Sunday June 13- Deadline to schedule for license exam
Monday June 14 --- LC RACES/ARES Net - 7:30 pm (146.94)
Friday June 18 -- LVARC Test Session (REGISTRATION REQUIRED)
Monday June 21 --- LC RACES/ ARES Net - 7:30 pm (146.94)
Saturday June 26 & 27 --- Field Day
Monday June 28 --- 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.

LVARC VE Report

de Mark (AK3M)

Three tested at the April 16, 2010
LVARC test session and three
passed.

CONGRATULATIONS to:

Ed Earley - Technician
Dave Hinkle (N3GRH) - General
Keith Kennedy - Technician



VE's in attendance were, **Mark (AK3M)**, **Frank (W3FTU)** and **Dave (K3GMT)**

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.

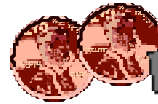
Test sessions are given the 3rd Friday of each month.

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.

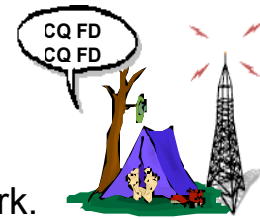
Have an article, diagram or an opinion you would like to share with the LVARC members in this newsletter? Send it to Mark (AK3M). You can submit VOX material in any form. Send it via email (AK3M@rcn.com) or US mail (5508 Hale Ave - Bethlehem, PA 18017). You can send pictures, diagrams or text. **The newsletter needs YOUR material to continue!**



Field Day is the largest annual event in the amateur radio community. It does not matter if you view this event as an exercise in emergency

or as a contest to see how many stations you can work.

The element of excitement and anticipation still exists. Traditionally, there is a lot of planning which includes an emergency power source and portable antennas to create a stand alone HF station(s). That is the emergency communications component.



Those who participate also appreciate the contest aspect. During the Field Day time period, they understand working as many stations as possible! The ARRL allows individuals and clubs to report their scores.

However you view Field Day, plan to participate in the biggest amateur radio event of the year! If you are a new or old ham, **visit the LVARC's Field Day site and participate.** Judge for yourself if Field Day is in fact an exercise in emergency communications and/or a contest. Field Day will be June 26 & 27, 2010. (*Reprinted from the June 2009 EVOX*).



“Ever consider what pets must think of us? I mean, here we come back from a grocery store with the most amazing haul - chicken, pork, half a cow. They must think we're the greatest hunters on earth!”

~Anne Tyler, *The Accidental Tourist*



Field Day 2010 Supplies



2010 Field Day Hat
Order No. 0117 - \$9.95



2010 Field Day T-Shirt
Order No. 0021-S - \$12.95



2010 Field Day Mug
Order No. 0138 - \$8.00

LVARC 2010 ARES Activities

(Specific dates to be announced when available)

June 26-27 --- Field Day

September 12 --- LVH / VIA marathon

October 16 --- Women's 5K Classic



IMPORTANT

Come July 1, 2010, there will be a NEW Technician License Exam.

CONGRATULATIONS to Keith Kennedy who earned his Technician license and received the call **KB3UIS** and to Ed Earley, **KB3UIT**. Both tested at the Friday April 16, 2010 test session and received their calls on Tuesday April 20, 2010.

"Kerchunk" Report - de Mark (AK3M)

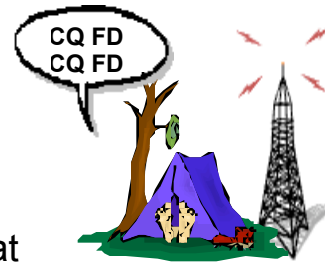
As mentioned in an earlier VOX article, I trust my equipment. I have faith that when I use my Yaesu VHF/UHF (and HF equipment for that matter) that it will work. It worked for the previous Monday Night Net, so why wouldn't it work this week? Nothing has changed. I have more use on my car yet I have faith that it will start everyday and take me to work. I don't start it a half hour before I need it just to test it and shut it off until I really need to leave the house. So why then, do some feel the need to think they need to test their equipment?

I decided to take a count of the number of "kerchunks," imposed on the repeater starting one half hour before the net began. I did this for March and April, 2010. The results are below: After all, "kerchunking" the repeater only means that your radio will open the repeater. That I can do with a low-powered HT.

March 1 (6)	April 5 (4)
March 8 (2)	April 12 (4)
March 15 (0)	April 19 (6)
March 22 (1)	April 26 (5)
March 29 (3)	

"Kerchunking" will not at all address your audio. Next time you think that you need to "test" your VHF radio to participate in the Net, I suggest that you consider new equipment that you can trust to work each week or at least ID when keying the repeater.

Field Day this Month!



At the April, 2010 meeting, it was announced that the LVARC Field Day, 2010 will be held at the “Huckleberry Site,” the same place as last year. Field Day will be June 26 & 27, 2010. If you have never experienced a Field Day or if you are a veteran, plan to participate.

Suggested Field Day Gear

Amateur Radio

- ☐ HF radio
- ☐ AC Outlet strip(s)
- ☐ spare fuses
- ☐ power supply
- ☐ key (telegraph)
- ☐ headphones
- ☐ antenna(s)
- ☐ appropriate RF connectors
- ☐ tools
- ☐ HT
- ☐ spare batteries
- ☐ AC extension cord(s)
- ☐ antenna tuner

General Supplies

- ☐ flashlight/lantern
- ☐ paper (pads)/logs
- ☐ clock/watch
- ☐ pencils/pens
- ☐ AC desk lamp for night operation

Personal Gear

- ☐ folding chair
- ☐ sleeping bag
- ☐ pillow
- ☐ sunglasses
- ☐ appropriate clothing
- ☐ snacks
- ☐ books/magazines
- ☐ personal toilet items
- ☐ cell phone
- ☐ eating utensils/cup
- ☐ tent
- ☐ duct tape
- ☐ bug spray

Note: The above items are suggested items only. They are not required but depending on your length of stay, they may make you more comfortable.

Lehigh Valley 1/2 Marathon in Review ...



The Lehigh Valley 1/2 marathon was held on Sunday April 25, 2010 in Allentown, PA. The weather was cold accompanied by rain. Despite the weather, more than 4,000 runners showed up and ran either the 1/2 marathon or the 5K! Communications support was once again provided by the Lehigh Valley Amateur Radio Club (W3OI).

Twelve operators turned out *early* on that Sunday morning. Although the start gun did not go off until 0800, operators had to be at their position *early* as many city streets were closed for the event. Our operators were flexible as there were a few last minute site changes. Dr. Michael Martinez, medical director was very happy with our services. Many many times during the event, he would check with net control operators to check what was happening out on the course.

Kudos to the following LVARC ARES operators who volunteered their morning to help the LVARC meet their commitment of support and the runners who participated in this event.

At net control was **Mark** (AK3M) and **Larry** (NR3R). Operators around the course included, **Charlie** (N3WXO), **Ryan** (KB3MPX), **Jeff** (KB3OCP), **Jeff** (N3MFT), **Gary** (W3GRD), **Don** (W3DLH), **Bob** (WB3JSZ) and **Paul** (N0KIA). The Net Control station had a new look this year. NR3R brought his new Icom V8000 running 25 watts into his Buddipole configured for VHF. The radio was powered by his 18 amp hour, "Mighty Big Battery" from Powerport.

Below and on pages 12-13 are some of pictures of the event submitted by the operators.



photos, courtesy Larry (NR3R)



NCS "In A Box" (courtesy NR3R)



NCS Antenna (courtesy NR3R)

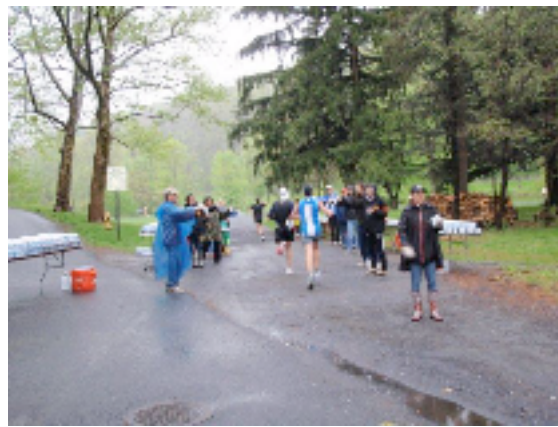
photos, courtesy Larry (NR3R)



photos, courtesy Jeff (N3MFT)



photos, courtesy Gary (W3GRD)



photos, courtesy Charlie (N3WXO)



photos, courtesy Don (N0VGA))

READER SUBMISSION

The following is an unsolicited letter generated by Larry (NR3R) he sent to the participants of the 1/2 marathon. [TNX Larry for the nice comments-ed.]

I think big "KUDOOS" are in order for your NCO. For putting all this together with Dr. Mike and coordinating the strategic positions which were assigned to best benefit the safety of the runners. I can tell you first hand it was quite challenging at times at the NCO QTH. Dealing with noise, patient pick ups, passing traffic to you and Dr. Mike and many other questions to answer.

AK3M (Mark) handled the radio and situations with great professionalism. (and they call us amateurs).

Great work mark



Camera and Newsletter



The editor encourages you to take your camera to Field Day . Capture, save and share your Field Day, 2010 in pictures. Send your FD pictures to Mark (AK3M) for publication in the newsletter.



FCC Permits Law Enforcement on 70 cm --- (from CQ, May, 2010, page 2) ----

The FCC has issued an order permitting the use of robotic reconnaissance devices in the 430-448 MHz band, which encompasses much of the 70 centimeter amateur band. Amateur radio has a shared secondary allocation on the band, along with certain non-federal radiolocation systems; federal government radiorelocation has the primary allocation. The "Recon Scout," device, which was the subject of a waiver request by manufacturer ReconRobotics, is a remote-controlled surveillance robot used in areas that may be too hazardous for people to enter. According to the ARRL Letter, the FCC said that due to the device's low power output (1 watt peak), it is unlikely that its use would cause interference to the services with which it shares the band. *(Our concern would be the other way around - that a strong amateur radio signal might unknowingly interfere with proper operation of the Recon Scout in a critical situation --- ed.)*

