

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)
Club Simplex Freq. - 147.420

RACES NET

Every Monday at 7:30 (ET)
146.34 / 146.94 (PL 71.9)

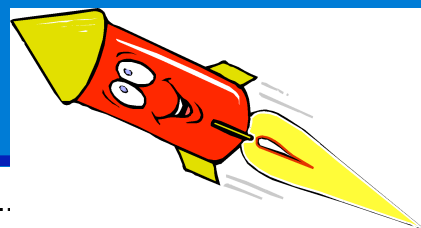
All are welcome!

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

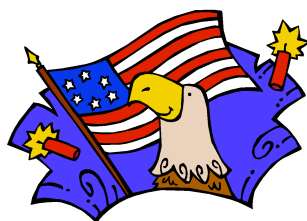




July, 2006



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The July LVARC meeting will be held on July 11, 2006 at the Red Cross Building AT 7:30 pm.

Program: TBA
Presenter: TBA



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 - 2006

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Mondays</u>
January	167	5
February	132	4
March	149	4
April	149	4
May	123	4





Minutes of the June 6, 2006 LVARC Meeting



Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes

The meeting was called to order by President Wolfe at 1937 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 15 members in attendance, and the club was joined by no guests.

The following Board Members were present at the meeting: Rod (N3XG), Craig (N3TSY), Phil (KB3HMK), Paul (N0KIA), Frank (W3FTU), and Robin (KB3GZV).

Corrections Additions to the minutes: None noted

Approved by: Larry – KB3FDM

Second by: Mark – N3ULR

Carried (Y/N) Y

Treasurer's Report (Paul - N0KIA)

Starting: \$2,159.36

Ending: \$2,213.00

Repeater Fund: \$1,727.34

Approved by: Craig – N3TSY

Second by: Dave – W3AMC

Carried: (Y/N) Y

Committee Reports:

Repeater: The 146.94 repeater antenna at the Big Rock site will be upgraded. The repeater fund is coming along fine. Nothing else reported.

Program: Phil reports that tonight's program will be Paul (N0KIA). He will be doing a presentation on "What you should have if you're doing the M.S. 150 Bike Tour". Phil says that he has some possible programs lined up for the rest of the year. He will let everyone know when he finds out.

Volunteer Examiners: The club had three test at the last session. Two out of three passed. There was one general class and one advanced class. The new tech ? are out. The ARRL has scrapped the "Know your talking book" and came out with a study guide. They rewrote everything.



Field Day: Field day will be on June 24 & 25. It will be held at the Tri-Clover Fire Co. near Schnecksville. There will be a walk in test session in the morning. It will be held from 9 a.m. to 12 p.m. We will be running as a 4 Foxtrot this year. This is due to having the County EOC mobile command post. Please come out and help set up and operate the radios. Meet at the fire co. at 1030 hrs.

Web Site: Nothing reported

Education: Nothing reported

OLD Business: Frank (W3FTU) is still collecting used ink cartridges. On June 2 Rod, Paul and Jeff met with Dr Binns and Steve Martin from the Eastern Pa. EMS Council. They discussed possible space for the club at the new location for the council. They were very receptive to the idea. The council will be buying a mobile rig and antenna for their response vehicle. The one concern that Dr. Binns had was that he didn't want the space to be used as a hang out. Dr Binns said if we would schedule the room in advance, that would be fine. We would use the space to hold meetings and events. It would also be utilized during an ARES/RACES call out. Chris Post (N3SIG) has a fishing trip planned for July 29. If anyone is interested, let him know. Frank has remnants from the hamfest. If anyone wants the items, they are welcome to it.

New Business: Ike (N3IK) would like to have the members who have knowledge of electronics, do a class for non-hams and other clubs. Rod suggested that he puts something together and do it.

New members/Guests: No new members

The LVARC Monthly Business Meeting Closed at 2017 hrs, EST.

Motion by: Craig – N3TSY

Second by: Don – KC3II

In favor: Y

Respectfully Submitted de KB3HMK, Secretary.

\$\$\$ W3OI Finances

\$\$\$

Balance ending June, 2006 - \$ 2,213.00





This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div>Jul</div> <div> </div>						1 RAC Canada Day Contest Venezuelan Ind. Day Contest QRP Contest
2 Venezuela n Ind. Day Contest QRP Contest DARC 10-m Digital Contest	3 ARES RACES Net 7:30 KB3GZW Dorian	4 July 4 No Meeting	5	6 LVARC Thursday Night Net 7:30 pm	7	8 VK/Trans-Tasman 160-m Contest IARU HF World
9 IARU HF World	10 ARES RACES Net 7:30 AK3M -	11 LVARC Meeting Red Cross 7:30	12 RSGB 80-m Champ.	13 LVARC Thursday Night Net 7:30 pm	14	15 CQ Worldwide
16 CQ Worldwide Deadline to schedule test	17 ARES RACES Net 7:30 N3XG -	18	19	20 LVARC Thursday Night Net 7:30 pm	21 LVARC Test Session 7:00 pm	22 VK/Trans-Tasman 160-m Contest CW
23	24 ARES RACES Net 7:30 KA3UQP-	25	26	27 LVARC Thursday Night Net 7:30 pm	28	29 RSGB IOTA Contest
30	31 ARES RACES Net 7:30 KB3MHT Larry	<div>200</div> <div> </div>				

LVARC Meeting - Tuesday July 11 - 7:30 - Red Cross Bldg.

Test Session - Friday July 21 - 7:00 pm - Red Cross Bldg.



LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Monday July 3 --- LC RACES/ARES Net - 7:30 pm (146.94)

July 4 --- NO LVARC Meeting

Thursday July 6 --- LVARC Net - 7:30 pm (147.135)

Monday July 10 --- LC RACES/ARES Net - 7:30 pm (146.94)

Tuesday July 11 --- LVARC Meeting (7:30 pm - Red Cross Building)

Thursday July 13 --- LVARC Net - 7:30 pm (147.135)

Sunday July 16 --- Final date to register for July 21 test session

Monday July 17 --- LC RACES/ARES Net - 7:30 pm (146.94)

Thursday July 20 --- LVARC Net - 7:30 pm (147.135)

Friday July 21 --- LVARC Test Session (7:00 pm - Red Cross Building)

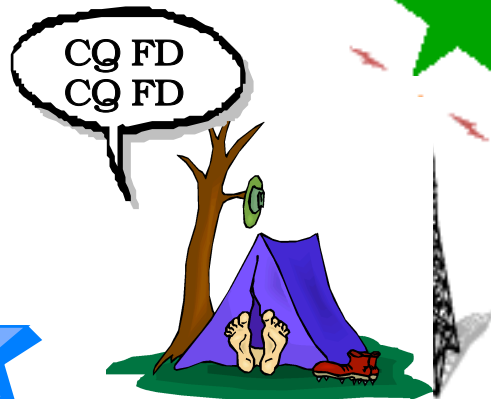
Monday July 24 --- LC RACES/ARES Net - 7:30 pm (146.94)

Thursday July 27 --- LVARC Net - 7:30 pm (147.135)

Monday July 31 --- 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.

FIELD DAY
June 24 &
25, 2006 !



Field Day, 2006 will be held at the **Tri-Clover Fire Company**. The fire company is located at 4801 Kernsville Rd. (off 309) in North Whitehall Township, Orefield, PA.



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)
- _____ clock/watch
- _____ pencils/pens
- _____ AC desk lamp for night operation

Personal Gear

- _____ folding chair
- _____ sleeping bag
- _____ pillow
- _____ sunglasses
- _____ appropriate clothing
- _____ snacks
- _____ book/magazine
- _____ 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.

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 (W3OJ) at





Walk-In Testing To Be Offered At Field Day



The Lehigh Valley Amateur Radio Club will hold “open,” or Walk-In license testing at their 2006 Field Day site at the Tri-Clover Fire Company (Saturday June 24) !!

NO PRE-REGISTRATION IS NECESSARY!!!

Testing for Technician, CW, 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 HAM 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

**Get your license or upgrade and
stay for the fun of Field Day !!!**

ANY / ALL ARE WELCOME TO TEST



Why We Need Testing For An Amateur Radio License - Mark

I found the following on the internet. It shows why we need education and testing for an amateur radio license. If in fact this is a hoax, it does make a point.

The following is an actual letter. The original was typewritten, and all spelling and grammar has been carefully left intact, including errors. I thought this was pretty funny.

To Mr. (name omitted)
District Manager for Alabama
Radio Shack
3300 N. Pace Blvd
Pensacola, FL. 32505

Dear Sire,

This letter is complain about the problems I have having with the ham radio model number 19-1101 I had got from your company Radio Shack. I had this shipped special to me from your store 1096 Eastdale Mall Montgomery Alabama. I was got this because I think that i would get transmitt furthurthat I did with the TRC 217 40 channel walkie talkie.

The problem that had first was when I was going to hook this radio HTX-1000 to the antenna the conektor on the radio was wrong it wouldn't attach to my cable. I was able to hook it finally by making a small change inin the connektor. As soon as I tried to use it there was no sound comingat all. This happened for two days and I never did get to talk to anybody the whole two days. That day the cable company came knocking my door andsaid there was something causing problems at my house and disconnected my radio from the cable line. you knew when i brought the Radio that I was going to use that for my antenne. You didn't tell me not to why not?

Next time I decided to put the HTX-1000 in my automobile I thought I wouldsee how it worked their. I hooked it to my CB-antenna and at least I could hear people. But what happens now is no one wants to talk to me because they says you have to have a licencs to talk to them. Why? I dont have to have a licencs to talk on my CB. They'll talk to me there. Anyhow it dont matter much anymore because somebody done took the radio HTX-1000 from myautomobile.



What I would like for you Radio Shack to do is refund my money because I don't have the radio anymore and its not my fault i dont and I think you should give me back my money. Also the cable company here says that I hurt something in there line and want to be paid fix it. It will cost \$27482.98 to fix the equipment they say was damaged because you didnt tell me not to hook it to the cable. Please remit to me the check for \$27758.53 for damages due. To save this matter from going to court the check must be in my hand by June first or I will turn this over to my attorneys of law.

Thank you

Source: <http://www.netfunny.com/rhf/jokes/90q3/rsham.html>

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

Don't Forget the LVARC's
THURSDAY NIGHT NET
at 7:30 on the "135"



**Remember to save your used ink cartridges.
Give them to Frank (W3FTU) at a meeting !**





At the May 19, 2006 LVARC test session, three tested and two passed. Congratulations to **Richard Harris** (WA3LIV) from Mechanicsburg who earned his Extra and **Jeff Fehr** (N3RVH) who passed the CW and General attaining him his General class license.

Thanks to VE's **Frank** (W3FTU), **Walt** (KE3SP) and LVARC's newest Extra VE, **Larry** (KB3MHT) for their attendance at this session.

de Mark (AK3M)

Amateur Radio Test Informatic

NUMBER OF EXAM QUESTIONS WITHIN EACH CATEGORY BY LICENSE CLASS

CATEGORY	TECHNICIAN	GENERAL	AMATEUR EXTRA
1. Rules and regulations	9	6	7
2. Operating procedures	5	6	4
3. Radio-wave propagation	3	3	3
4. Amateur radio practice	4	5	5
5. Electrical principles	3	2	9
6. Circuit components	2	1	5
7. Practical circuits	2	1	7
8. Signals and emissions	2	2	5
9. Antennas and feed lines	2	4	5
10. Radio frequency environmental safety	3	5	—



“HI HI” — A Collection of Ham Radio Cartoons

de Mark (AK3M)



Hi Hi — Ham on Wry — Bouncing off the E-layer and spiraling out of the pen of veteran amateur radio operator Dick Sylvan, W9CBT, Hi Hi provides solid 5 and 9 laughter.

Drawing on six decades of on-air adventures, Dick offers an insider’s view of the bliss and twists of ham radio. — Hi Hi makes a great gift for any ham—to give or get. Each of the book’s three sections: Ham Lingo, Ham Quips and Morse Quips & Tips, looks ham radio square in the eye and finds it—hilarious—and so will you. So, drop that key, put down that microphone, stow that keyboard and pick up your copy of Hi Hi. — Dick, an industrial designer, is staff cartoonist for the K9YA Telegraph, the monthly, general interest, amateur radio e-Zine praised by hams in more than 90 countries.

For only \$10.95 you can own this collection of cartoons and laugh at all the aspects of our hobby. Go to:

<http://www.lulu.com/content/177530>



A Note About The Monday Night RACES / ARES / LVARC Net



As one of many NCS for the Monday Night Net, I want to share one item which the participants may not realize. The Net check-in is not a contest. The purpose of the net is to pass any traffic which may be in the system as well as the distribution of club business. If you are not readable, neither objective will be successful. If NCS tells you he cannot copy your check-in, do not be offended. Also, if there was an emergency, your support would not be helpful. Try a different position, add more power (if using an HT) or try later when “late comers,” are solicited.



More Pictures from the LVRR 1/2 Marathon Held in April, 2006.

The following pictures were received too late to make the June, 2006 issue.
TNX to **Bob** (WB3JSZ) for his submission of these pictures.



Jeff Kelly
(N3MFT) working
hard at the Cedar
Beach site!
(left)

An LVRR
volunteer
(right)



A beautiful day in April for an event



Odds 'n Ends

de Mark
AK3M

October in July ???

October in July??? You bet.
**There are two events you
need to remember.**

(1) October 1, 2006 is the
deadline for earning your **IS-100**
and **IS-700** courses if you want
to remain a member of Lehigh
County RACES.

(2) Mark you calendar for
Saturday October 14, 2006
(9:00 am) as the LVARC will be
providing communications
support for the "**Women's 5K
Classic.**" This is a charity event
(breast cancer) and we will need
volunteers. I will be soliciting
LVARC members in September
for this event.-- de Mark (AK3M)

"**ZED**" is often used instead of
saying "Z." This is to avoid
confusion when saying "C, D, E,
T, V, G, P, or B."

You will frequently see "de," in
the newsletter. This stands for
from. It is used when operating
CW (ie. WB3XXX **de** AK3M).

Two Piece Gear Bag (\$25.50) - Item #AR22 *From the ARRL*

This two piece equipment/utility gear
bag is essential for all radio operators.
Heavy duty construction with 12
inside/9 outside pockets allows for
easy storage of radios, batteries,
tools, equipment and even clothes!
The outside duffel features a large
wide mouth opening for easy access.
ARRL logo screen printed on both
bags. Personalization is available on
large bag only. (Accessories not
included) Duffle: 16 x 11.5 x 8.5,
Tote: 12.75 x 7 x 6

Personalization available on bag





Lehigh Valley Amateur Radio Club

2nd Semi-Annual Deep Sea Fishing

And Camping Trin



DATES: 29 and 30 July, 2006

Location: Fishing – Barnegat Light, NJ

Camping - Bass River State Park- Tuckerton,
NJ

(20 Min South of LBI)

(MISS BARNEGAT LIGHT
Deep Sea Fishing - Florida - New Jersey



*90' long, high speed
catamaran with
twin engines*

Join us for our 2nd club fishing trip. Our first trip in 2001 was a big success! We had great fishing and lots of fun. Join us this year for another round of Ham Radio on the High Seas!

New this year is the addition of the "Camping Option". Reserved are 2 tent camping sites at the Bass River State Park in Tuckerton, NJ. This is a newly renovated park with very nice facilities. Since it's a long drive home after a few hours on the boat, spend the weekend with your ham friends. If there is enough interest camping may be available for the night of the 28th. There are options for activities in Tuckerton on Sunday including Kayak rentals and pier fishing! Throw up a dipole and work HF from the camp site!

For more information and to Register, Contact Chris Post, N3SIG

E-Mail - Chris.post@yahoo.com PHONE (610)972-1963

Lehigh Valley Amateur Radio Club (W3OI)

E-VOX

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For more information and to Register, Contact Chris Post, N3SIG
E-Mail - Chris.post@yahoo.com PHONE (610)972-1963

Non-Club Members and Family Members Welcomed!
LVARC / W3OI  **E-VOX**

After a short courtship, two antennas decided to get married ... The wedding wasn't that good but the reception was great!
--- de Phil (KB3HMK)

Citizens Object to Ham's Tower

A news program ran a story about neighbors angry about a tower which their neighbor
TNX to Bob (KE3AW) for the erected for his beam.



http://youtube.com/watch?v=aC_EeWSKJII&search=ham%20

Larry was KB3MHT but is now KN3L !!
Gongratulations on your upgrade and new call Larry !!!

Robin C. Moseley, WA3T SK



Robin Christopher Moseley, 74, of Lower Macungie Twp., died May 9, 2006. He was born in Northampton, England, on Feb. 17, 1932. He graduated with an Electrical Engineering degree from the University of Birmingham, England, and was employed by the English Electric Co. and Sylvania Thorn Color Television Co. in England in their Research and Development department before emigrating to the States in 1961.

Mr. Moseley leaves a wife of 49 years, Wendy, a daughter, Ann Moseley and her husband Gary Clark of Ridgefield, Connecticut, a son, Simon Moseley and his wife Cindy of Townsend, Massachusetts, and a daughter, Sarah Moerschel, M.D., and her husband, Grant Moerschel of Shepherdstown, West Virginia. Mr. Moseley's grandchildren include Ross, Skyler, and Cory Clark, Ryan and Jennifer Moseley, and Hannah and Will Moerschel. Robin also leaves two sisters, Karen and Carol, and their families.



Chris Participates in FEMA Training



During the week of May 7, 2006, Chris (N3SIG) attended training with FEMA. He sent pictures of the technology he used. Below, are those pictures. TNX Chris for sharing this information !



Inside the FEMA
communication vehicle.
(left)

FEMA command vehicle
(right)



FEMA command
vehicle - back
(left)



Mast Crew
(left)



M4 antenna
(above)



MERS radios
(above)

Repeater site
(right)





EmComm Level 3 Is Revised

The ARRL Certification and Continuing Education (CCE) Program has revised and updated its Amateur Radio Emergency Communications (AREC) Level 3 course. The new top-level EmComm course, designated EC-003 Rev 2, has supplanted EC-003 in the program's list of online offerings. ARRL Online Course Development Coordinator Howard Robins, W1HSR, says the updated curriculum incorporates some major changes.

"This update is very significant, because it brings the management training part of the AREC program into line with today's homeland security environment," Robins remarked. "This is the first revision of the AREC Level 3 course since it was originally introduced in December 2000. Needless to say, much has changed since then, and this revision reflects those changes."

According to Robins, EC-003R2 includes significant information about how Amateur Radio emergency communication leadership must prepare and function in the post-September 11, 2001, era. He says the updated course takes into account the "many changes in the homeland security landscape--a term that did not exist when the original Level 3 curriculum was developed.--and how Amateur Radio fits into that landscape."

New topics include:

- * National Incident Management System (NIMS)
- * National Response Plan (NRP)
- * Key NRP Emergency Support Functions
- * Department of Homeland Security Citizen Corps and Community Emergency Response Teams
- * National Disaster Medical System (NDMS) Communications Support
- * Hospital Emergency Communications
- * ARES Management and the Incident Command System (ICS)



Robins points out that several other Level 3 units have been revised to better focus on leadership and management.

Registration for EC-003 Rev 2 opens Monday, May 15 and will remain open through June 4. The inaugural class begins Friday, June 16.

To learn more about this and other online educational offerings from ARRL, visit the CCE Course Listing page <<http://www.arrl.org/cce/courses.html>> or contact the CCE Department <cce@arrl.org>.

From the ARRL Letter - Vol. 25, No. 19 - May 12, 2006



An elderly fisherman wrote to a mail order house the following: "Please send me one of those gasoline engines for my boat you show on page 438, and if it's any good, I'll send you a check." In a short time he received the following reply: "Please send check. If it's any good, we will send the engine."



Amateur Radio Volunteers Wrapping Up New England Flooding Operations

Amateur Radio Emergency Service (ARES) volunteers have been wrapping up operations in the wake of major flooding that occurred in southeastern New Hampshire and northeastern Massachusetts. The flooding has been called the worst in New England in 70 years. Eastern Massachusetts ARRL Section Emergency Coordinator and SKYWARN Coordinator Rob Macedo, KD1CY, says formal SKYWARN activation in cooperation with the National Weather Service office in Taunton, Massachusetts, ended late Monday (5/14/06).



(From the ARRL web site)



CONGRATULATIONS to **Tom** (K3ARI) and **Mark** (AK3M) on their successful completion of IS-100. This is in addition to their earlier IS-700 certification.

New Technician Exam

IMPORTANT

Come July 1, 2006, there will be a NEW Technician License Exam.

The ARRL is offering training for this new exam online. Registration includes the **brand-new ARRL Ham Radio License Manual**, a **one year ARRL membership** and **graduate support**. 100% guaranteed. Only **\$69**. For more information and to register for on-line course EC-010, visit **www.arrl.org/cce**.

(From QST - June, 2006 - page 12.)

Interested In Finding Out More About Contesting?

Try the free biweekly e-mail newsletter **Contester's Rate Sheet** (www.arrl.org/contests) or the bimonthly magazine **National Contest Journal** (www.ncjweb.com). (From QST - June, 2006 - p. 99)

Failed

Clever ferret locator --- An inventor in Hertfordshire, UK came up with a device to supposedly help locate ferrets that chased rabbits down holes and got lost. The idea was that a small black box was attached to the ferret. It emitted signals which could be picked up by the ferret owner, helping him re-locate the ferret. It all sounded great in theory, but when the device was tested out the only signals the device could actually pick up and transmit turned out to be Radio Moscow! Not only was that not much use (especially in the UK), but the ferret was never found and the device was lost down a rabbit hole forever. Needless to say, a patent was not granted and the invention died a quick death.