

The **E-VOX**

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



Lehigh Valley Amateur Radio Club - W3OI



Allentown, Pennsylvania (Lehigh County) - USA

Officers

President: **Mark S. Miller - AK3M** (AK3M@rcn.com or AK3M@arrl.net)

Vice President: **Walt Snyder - KE3SP** (SBWALLY@aol.com)

Secretary: **Rod Wolfe, Jr. - N3XG** (rjwolfe@rcn.com)

Treasurer: **Paul Ryan - N0KIA** (n0kia@arrl.net)

Board of Governors

Chris Kelly - N3RPV (ckelly@ckelly.tv)

Larry Miller - NR3R (milla@enter.net)

Carl Seier - AA3IX (aa3ix@ptd.net)

Robin Gable - N3XG (kb3gzw@arrl.net)

Jim Kelly - KA3UQP (kellyj6@ptd.net)

E-VOX Editor - Mark S. Miller (AK3M) (AK3M@rcn.com) or (AK3M@arrl.net)

Webmaster- Paul Ryan N0KIA (n0kia@arrl.net)

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>

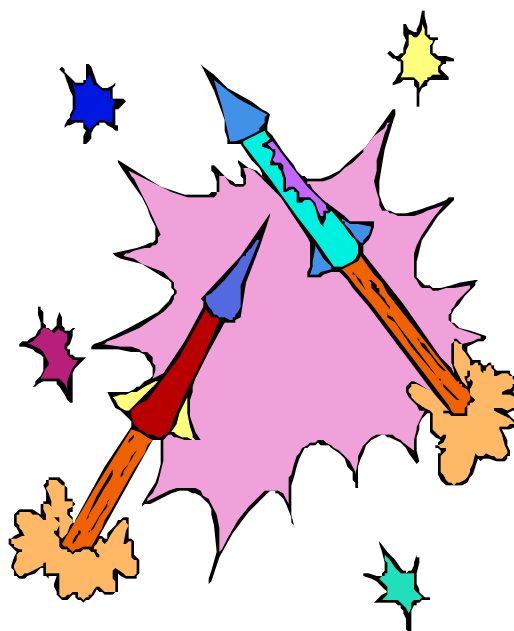


July, 2004 Contents

Meeting Information	page 3
L.C. RACES Net Information	page 3
This Month In Ham Radio	page 4
Minutes of the April, 2004 Meeting	page 5-6
MS 150 Walk Information / SkyWarn Coordinator	page 7
LVARC Activities	page 8
Field Day Information	page 9
VE Report/EPA ARES Report	page 10
Amateur Enforcement	page 11
Monday Night Net Sked/E-VOX Material Needed	page 12
Reading Test/Own a Cat?	page 13
Tower For Sale	page 14-15
KA3MQE Retires	page 16



Happy
July 4





**The July Meeting will be held on July 6, 2004
at the Red Cross Building at 7:30.**

Program: Aviation Communications

Presenters: Paul (N0KIA) & Robin (KB3GZV)



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 Check-In's</u>	<u>Number of Mondays</u>
January	86	4
February	100	4
March	134 (record high!)	5
April	71	3
May	128	5



THIS MONTH IN HAM RADIO

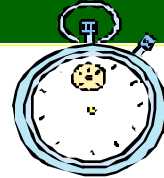
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div>JULY, 2004</div>				RAC Canada Day Contest		
				1	2	3
 Venezuelan Ind. Day Contest QRP Contest 4	No Net Holiday 5	LVARC Meeting Red Cross 7:30 6	7	8	9	IARU HF World Champ FISTS Summer Sprint 10
IARU HF World Champ FISTS Summer Sprint 11	ARES RACES Net 7:30 Jeff N3MFT 12	13	RSGB 80m Champ SSB 14	15	LVARC VE Test Session 7:00 pm 16	CQ Worldwide VHF Contest 17
CQ Worldwide VHF Contest 18	ARES RACES Net 7:30 Mark AK3M 19	20	21	22	23	RSGB IOTA Contest 24
RSGB IOTA Contest 25	ARES RACES Net 7:30 26	27	28	29	30	31

**LVARC Meeting - Tuesday July 6, 2004
7:30 pm at the Red Cross Building**

LVARC VE Test Session - Friday July 16, 2004 7:00 pm



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



Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes

Date: June 1, 2004

Meeting Called to Order by Vice President Snyder at 1933 Hrs, EDST.

Pledge of Allegiance and a moment of silence were held in observance of silent keys.

A sign-in sheet was circulated; there were 14 members and 2 guests in attendance.

The following Board Members were present: Vice President Snyder, Treasurer Ryan, Secretary Wolfe, and Board Member Gable.

There were no corrections or additions to the minutes as published.

Treasurer's Report (Paul - NOKIA)

Paul reported the ending balance for May to be \$762.52.

Committee Reports:

Repeater

Rod N3XG reported that the receive xtal for 135 has been ordered, and the new transmit xtal will not be ordered until the correct multiplier can be determined, as research has discovered three different formulas. Rod is working with Harold WZ3L on this project.

Paul NOKIA made mention that the 940 repeater has been experiencing intermittent transmit failure during net operations and log QSO's. Jeff N3MFT was aware of this problem, and will be checking into it.

Program

Tonight's program will be for the purpose of field day preparation, presented by Lou KF2WO. Phil KB3HMK reports that the schedule for this year is full, and extends his thanks to everyone that has helped to make the club program a success. Phil reports that next month's program will be presented by Paul and Robin, and the topic will be aviation communications.

Volunteer Examiners

Walt KE3SP reported that 2 candidates were administered the General Class written test, and both passed that element on May 21.

Field Day

Field Day begins on June 26.

Web Site

Paul NOKIA reported that there were no problems that he was aware of.

Education

Rod N3XG will be having an instructor meeting sometime during field day to discuss the student feedback, his observations, and is interested in the observations of the other instructors that were involved with the technician-training program. Rod reported that he would be looking to schedule a class for the fall of this year.



(minutes - continued from page 5)

OLD Business

1. VP Snyder advised members to contact Mark AK3M if anyone is interested in a CW study group. Mark is looking for students and facilitators.
2. There has not been any other progress on the fund raising possibilities as there has been no contact with Dennis Check.

New Business

1. John WX3W is seeking a Sky warn Coordinator. Any person interested in the position of Sky warn Coordinator should contact John.
2. VP Snyder has requested that any club member interested in a deep-sea fishing trip should contact Mark AK3M. The tentative date is August 7.
3. Paul NOKIA has received a letter from the Nazareth Chamber of Commerce. The Australian sister city of Nazareth will be sending dignitaries to the United States. The group of Aussies will include an amateur radio operator. The Chamber of Commerce is looking for someone that would want to represent the club, and the local amateur radio community during the welcoming event. Anyone interested should contact Paul.
4. Phil KB3HMK demonstrated a chest harness that is designed to hold an HT and other items. It is useful for deployment in RACES / ARES events, and is available locally for evaluation and purchase. Phil has more information for those that are interested.
5. Volunteers are needed for the MS 150. This event is held in Kutztown the weekend of June 12 and 13. Please contact Jeff N3QZT if interested.

New members/Guests

A membership application was presented for Allen Button KB3LCU. A motion to accept Allen as a member was made by Barry KB3FMI, and Bruce KB3FIH brought the motion to second. All members voted in favor in Allen. Welcome to the Club!!!

The LVARC Monthly Business Meeting closed at 1955 hrs, EDST.

Motion by: Barry KB3FMI

Second by: Bruce KB3FIH

All were in favor.

Respectfully Submitted de N3XG, Secretary.

\$\$\$	W3OI Finances	\$\$\$	
Balance as of 5/30/04		\$762.52	



MARK YOUR CALENDAR and
come out to help the MS Society with their
annual MS Walks!

Lets put our hobby to good use and help the local community. Operators are needed to help with the Multiple Sclerosis Society's "MS 150, to provide communications support for several walks in the area. Below, are the dates and locations of these walks.

Saturday & Sunday June 12 & 13 - the MS 150 Bike tour. It will start in Trexlertown and over night in Kutztown (just like the last couple of years).

TO VOLUNTEER, CONTACT:

Jeff Keller (N3QZT)



**Skywan
Coordinator
Selected**

Mark Staller (N3ULR) has volunteered as
the LV Skywarn Coordinator.

TNX Mark!!



LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Monday July 5 --- LC RACES/ARES Net - 7:30 pm (146.94)

Tuesday July 6--- LVARC Meeting - 7:30 PM (Red Cross Bldg.)

Monday July 12 --- LC RACES/ARES Net - 7:30 pm (146.94)

Friday July 16 --- LVARC ARRL VE Test Session - 7:00 pm

Monday July 19 --- LC RACES/ARES Net - 7:30 pm (146.94)

Monday July 26 --- 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.

July - Paul (N0KIA) & Robin (KB3GZV) talking about aviation communications.

August - Bob (N3QZR) talking about echolink

September - Phil (KB3HMK) talking about geocaching

October - Frank (W3FTU) talking about old radio restoration

November - Lou (KF2WO) talking about home brewed radio receivers

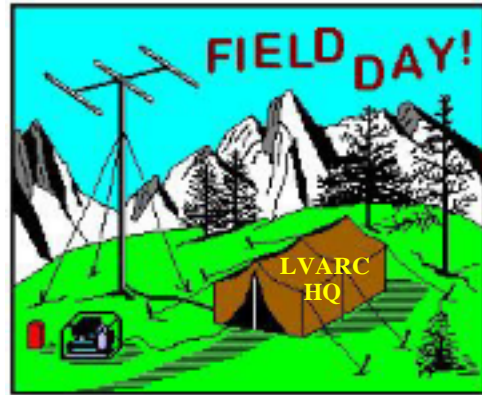
December - Annual Christmas party

Deep Sea Fishing Trip ? If anyone is interested in a Club Deep Sea Fishing Trip in August, contact Mark (AK3M)



Field Day 2004

**Don't forget Field Day 2004!!
The dates are
June 26 & 27, 2004.**

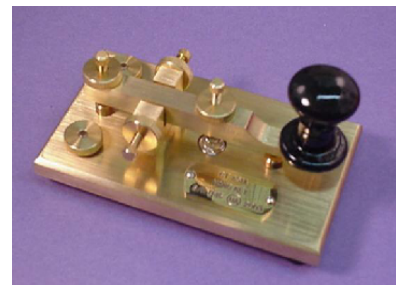


Field Day, 2004 will be held at Camp Serranova. Mark your calendar, pack your folding chair, overnight gear and get ready for a great time of 24-hour radio operation!

Directions to the Field Day Site - 2004 *Camp Serranova*

- (1) Cedar Crest Blvd. South to " T "**
- (2) Turn right on Route 29 in Emmaus (South)**
- (3) Proceed up Shimerville Hill thru blinking light to next light.**
- (4) Turn right on St. Peters road**
- (5) Go about 4 1/2 miles and turn left into a small road (looks like a driveway) to the camp, see signs for camp (if you get to the fire station or the intersection you missed the turn).**

Morse Code Practice - There seems to be a re-newed interest in a CW class. If you are interested in attending, contact Mark (AK3M)





LVARC VE Report

There were two present for the May 21, 2004 LVARC VE test session. Rich Hetzel (KB3KIO) and Gaurav Bashakarla (KB3KLS) both successfully passed the written test for General. VE's present were Mark (AK3M), Frank (W3FTU) and Walt (KE3SP).



"EPA Section ARES Emergency Communications Plan" is On Line
de Paul (N0KIA)



The "EPA Section ARES Emergency Communications Plan" is available on our "members only" site. A link is available on the menu page, or can be accessed from here:

<http://alfalfa.cc.lehigh.edu/w3oi/data/EPA-Emergency-Plan.doc>

This is a good document for reference. It contains the planned function and structure of the EPA emergency organization. Included are definitions, guidance, forms, procedure and other topics. You could look at it as a distillation of the ARES emergency courses tailored for our section's use.

Be aware! It's a 2 MB file, so it'll take a few minutes to download over a slow dial-up. It's also over 50 pages, so if you print it out, duplex it and fill the paper tray!



AMATEUR ENFORCEMENT CASES DECLINING

The number of Amateur Radio enforcement cases has continued to drop since a five-year peak of 350 in 2001. FCC Special Counsel for Enforcement Riley

Hollingsworth told the Dayton Hamvention 2004 FCC Forum May 15 that 240 ham radio enforcement cases crossed his desk last year. As his tenure in amateur enforcement enters its sixth year, he's estimating only 175 cases in 2004.

"Two years ago at Dayton, I said that I hoped the day would come soon when enforcement would not be an issue in the Amateur Service," Hollingsworth said. While he doesn't believe amateur enforcement is in "maintenance mode" yet, it's well on its way, he said. But he urged his audience not to become complacent just because there's active FCC Amateur Service enforcement. Although the percentage of "hard-core" cases is very small and rapidly declining, the remaining cases include "some real nasty ones," he said.



Hollingsworth said his main worry remains inappropriate or illegal on-the-air behavior and the sometimes-negative image it can present to decision makers at a time of broadband over power line (BPL) and other threats to amateur spectrum. He proposed that amateurs concentrate on improving how they conduct themselves on the air while letting him deal with the remaining bad apples that require his attention.

"No enforcement program in the world can save certain people from themselves or from being an embarrassment to the entire service," he said--reiterating a refrain that's now almost become his mantra. "If anything is the downfall of Amateur Radio, it will probably be the microphone. You have to focus on your image--what you sound like--all the time."

Hollingsworth also told the forum he's convinced that further Amateur Service restructuring is a necessity. He also suggested that amateurs be less concerned about any perceived "dumbing down" of the licensing requirements, because ham radio will continue to thrive in any event. "It's not really what you do to get into Amateur Radio that counts. It's what you do once you get on the air," he said.

The ARRL Letter
Vol. 23, No. 21 - May 21, 2004



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

July	5	No Net - Holiday
July	12	N3MFT
July	19	AK3M
July	26	TBA
August	2	KA3UQP
August	9	KB3GZV, KB3GZW
August	16	NOKIA
August	23	N3MFT
August	30	AK3M
Sept	6	No Net - Holiday
Sept	13	TBA
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)





The Paomnnahal Pweor of the Hmuan Mnid

de Larry (NR4R)

Aoccdrnig to a rscheearch at Cmabrgde Uinervtisy, it deosn't mtttaer in waht oredr the ltteers in a wrod are, the olny iprmoatnt tihng is taht the frist and lsat ltteer be in the rghit pclae. The rset can be a taotl mses and you can sitll raed it wouthit porbelm. Tihs is bcuseae the huamn mnid deos not raed ervey lteter by istlef, but the wrod as a wlohe. Amzanig huh?

My Cat Made Me Send This (de Bob - KE3AW)

1. "Do not meddle in the affairs of cats, for they are subtle and will pee on your computer." -- Bruce Graham
2. "There is no snooze button on a cat who wants breakfast." --Unknown
3. "Thousands of years ago, cats were worshipped as gods. Cats have never forgotten this." -- Anonymous
4. "Cats are smarter than dogs. You can't get eight cats to pull a sled through snow." --Jeff Valdez
5. "In a cat's eye, all things belong to cats." -- English proverb
6. "As every cat owner knows, nobody owns a cat." -- Ellen Perry, Berkeley
7. "One cat just leads to another." -- Ernest Hemingway
8. "Dogs come when they're called; cats take a message - and get back to you later." - Mary Bly
9. "Cats are rather delicate creatures and they are subject to a good many ailments, but I never heard of one who suffered from insomnia." --Joseph Wood Krutch
10. "People that hate cats will come back as mice in their next life." Faith Resnick
11. "There are many intelligent species in the universe. They are all owned by cats." -- Anonymous
12. "I have studied many philosophers and many cats. The wisdom of cats is infinitely superior." -- Hippolyte Taine
13. "No, heaven will not ever Heaven be; Unless my cats are there to welcome me." -- Unknown
14. "There are two means of refuge from the miseries of life: music and cats" -- Albert Schweitzer
15. "The cat has too much spirit to have no heart." -- Ernest Menaul
16. "Dogs believe they are human. Cats believe they are God."
17. "Time spent with cats is never wasted." -- Colette
18. "Some people say that cats are sneaky, evil, and cruel. True, and they have many other fine qualities as well." -- Missy Dizick
19. "You will always be lucky if you know how to make friends with strange cats." -- Colonial American proverb
20. "Cats seem to go on the principle that it never does any harm to ask for what you want." - Joseph Wood Krutch
21. "I got rid of my husband. The cat was allergic."
22. "My husband said it was him or the cat ... I miss him sometimes."

TOWERS FOR SALE

Hy-Gain HG-52SS 52 foot self-supporting tower designed to support 9.0 square feet of antenna area with winds up to 50 mph. This all steel tower has a guide system that allows the tubing to be open at each end insuring complete galvanizing and total moisture drainage. It can be extended from its nested position by manual crank with the winch included. (It can also be adapted for an electric winch.) Extended height is 52 feet and nested height is 21 feet. Material is hot dipped galvanized steel with all welded construction with leg guides and „W% configuration torsion resistant bracing. I purchased a foundation reinforcing cage from Telex when I installed the tower in 1989. The tower manual is included with details sufficient for local fabrication of the foundation cage. **Included is a CDE Ham IV rotor system and a Mosley Trap Master model TA-33 three-element tri-band beam antenna, (both with manuals).** This package has been in the weather for about 20 years, but with a little spit and polish its life can be extended another 20. Asking \$975.00 OBO. Check the price of a new one, then **contact San Yoder at 610-799-2085 or k3sy@enter.net.**



FOR SALE

de Paul (NOKIA)

45' Rohn 6-section self-supporting tower. Includes 20' mast, Hy-Gain rotator, control box and 11 element, 6 meter beam. \$650 delivered within 50 miles of Allentown.



Additional pictures are available at
<http://www.lehigh.edu/~pfr2/hampics.html>

ARLINE (KA3MQE) RETIRES

de Mark (AK3M)

After 37 years of teaching the elementary grades in the Bethlehem Area School District, Arline (KA3MQE) retired in June, 2004.

Arline spent the last 28 years at Fountain Hill Elementary School.

Many years ago, Fountain Hill Elementary School used to be Fountain Hill High School and when Arline was cleaning out her room, she found two practice code keys which were presumably used to teach CW at the high school level.

Although the retiree should receive farewell gifts, Arline broke tradition and gave me two presents before she left the school. KA3MQU left the two keys for me which I will donate, in her honor, for LVARC use. **TNX Arline and enjoy your retirement!**

