

The *E-VOX*



The Official *On-Line*
Newsletter of the



*Lehigh Valley Amateur
Radio Club - W3OI*



Allentown, Pennsylvania (Lehigh County) - USA

Officers

President: Rod Wolfe, Jr. - N3XG (rjwolfe@rcn.com)
Vice President: Walt Snyder - KE3SP (SBWALLY@aol.com)
Secretary: Phillip Bigg - KB3HMK (philbert@enter.net)
Treasurer: Paul Ryan - N0KIA (n0kia@arrl.net)

Board of Governors

H
A
P
P
Y

Mark S. Miller - AK3M (AK3M@rcn.com)
Frank Unger - W3FTU (funger@enter.net)
Willie Robertson - AA3BS (WILLIETR@BELLATLANTIC.NET)
Robin Gable - KB3GZV (kb3gzw@arrl.net)
Jim Kelly - KA3UQP (kellyj6@ptd.net)

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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 !



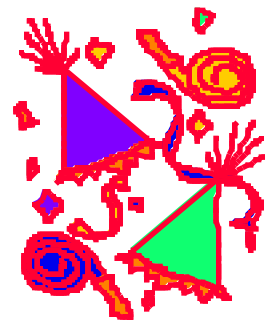
W3OI Home Page: <http://www.w3oi.org>



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The January meeting will be held on
January 4, 2005 at the Red Cross Building at 7:30.

Program: **“How To Read A Propagation Index”**
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 - 2004

<u>Month</u>	<u>Number of</u> <u>Check-In's</u>	<u>Number of</u> <u>Mondays</u>
January	86	4
February	100	4
March	134	5
April	71	3
May	128	5
June	97	4
July	69	3
August	121	5
September	65	3*
October	107	4
November	146	5

* Labor Day Holiday



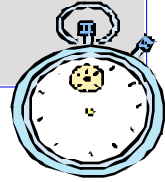
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div> </div>						<div> <p>New Year's Day AGCW Happy New Year Contest</p> </div>
	<div> <p>ARES RACES Net 7:30</p> <p>Jim KA3UQP</p> </div>	<div> <p>LVARC Meeting Red Cross 7:30</p> </div>			<div> <p>WQF QRP Party</p> </div>	<div> <p>Mid Winter CW Contest</p> </div>
<div> <p>Mid Winter Contest Phone</p> <p>NRAU Baltic Contest SSB</p> <p>DARC 10-m Contest</p> <p>Kid's Day Contest</p> </div>	<div> <p>ARES RACES Net 7:30</p> <p>KB3GZV KB3GZW</p> </div>					<div> <p>Hunting Lions In The Air Contest</p> <p>Hungarian DX Contest</p> <p>N. Amer. QSO Party SSB</p> </div>
<div> <p>Hunting Lions In The Air Contest</p> <p>Hungarian DX Contest</p> <p>N. Amer. QSO Party SSB</p> </div>	<div> <p>ARES RACES Net 7:30</p> <p>Paul NOKIA</p> </div>				<div> <p>LVARC VE Test Session 7:00 pm</p> </div>	<div> <p>ARRL January VHF Sweepstakes</p> </div>
<div> <p>ARRL January VHF Sweepstakes</p> </div>	<div> <p>ARES RACES Net 7:30</p> <p>Jeff N3MFT</p> </div>					<div> <p>CQ 160-m Contest CW</p> <p>UBA DX Contest SSB</p> </div>
<div> <p>CQ 160-m Contest CW</p> <p>UBA DX Contest SSB</p> </div>	<div> <p>ARES RACES Net 7:30</p> <p>Mark AK3M</p> </div>	<div> </div>				

LVARC Meeting -Tuesday January 4, 2005 7:30 pm at the Red Cross Building

LVARC VE Test Session - Friday January 21, 2005 - 7:00 PM



Minutes of the December 7, 2004 Meeting **de Rod (N3XG), - Secretary - LVARC**



Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes

December 7, 2004

President Miller called the meeting to order at 1933 hours, EST. The meeting was opened with the Pledge of Allegiance, and then there was a moment of silence for Silent Keys.

The meeting was attended by 19 members and 2 guests. The club recognized David N3EYT and Robert N0UH as guests. The following Board Members were in attendance: President Miller, Vice-President Snyder, Treasurer Ryan, Secretary Wolfe, and Board Members Robin Gable, James Kelly, and Carl Seier.

There were no corrections or additions to the November minutes as printed in the EVOX.

Treasurer's Report (Paul - N0KIA)

Paul did not have the report with him, but did report via email. The balance at the end of November was \$866.09.

Committee Reports:

Repeater

Jeff N3MFT reports that has not been any action by Lehigh County to award the bid for the installation of the voters for the 94 machine. Rod N3XG reports that anyone that is having problems using the auto patch on 135 should be sure that if they are using a radio that has programmed DTMF sequencing, that the DTMF tone duration is greater than 300 milli-seconds in length. If that cannot be selected on the radio, then dialing manually may be the option needed.

Program

Phil KB3HMK reports that the January presentation topic will be "Propagation Index" and will be presented by Rod N3XG. Phil also solicited if the group would like to have a dinner meeting again next year and that by general consensus, the dinner meeting will be held in April. Paul N0KIA will be providing basic electronic courses and the six sessions will be based on the "Elmer 101" Course Material.

Volunteer Examiners

Mark AK3M reported that the VE session for November was held on the 19th and two people were tested and both passed the Technician Test. Congratulations to Todd KB3LTM and Mark KB3LTL. The next test session will be held on December 17. Mark reminded everyone that pre-registration is required for the test sessions.

Web Site

Paul N0KIA reports that the web site is running well and the online registration is working. Paul also requests email from any member that requires a new member ID Badge.

Education

Rod N3XG will provide dates for the next Technician class to be held in either April or May of 2005. Rod also states that he received and responded to an instructor's survey from the ARRL. Rod suggested that the ARRL provide a searchable database for Affiliate clubs to post their training classes. Rod noted that the majority of the students have found the Tech classes online.

OLD Business

1. President Miller reports that Operation HOHO is this month on Sunday, December 12. Those that are involved have been actively corresponding with Email.
2. Robin KB3GZV will be contacting the gentleman that wanted to donate equipment to the club and ask the gentleman what he believed it was worth. The club will then write the letter as discussed last month.
3. Jim KA3UQP made a motion to close nominations for officers for 2005. Carl AA3IX made a second to the motion. All were in favor.

(Minutes - continued on page 6)



(Minutes - continued from page 5)

New Business

1. Paul N0KIA solicited an online survey. Paul states that out of 50 members that were contacted he received over 30 returns to the survey. That is better than what is normally expected for any survey. Paul surveyed the club on programs, field day, and activities. Paul states that the majority of the club members wanted to move on from camp Seranova and try field day at another location. The club members also favored ham related activities over non-ham activities for program presentations. The members surveys indicated they would like to see more "how to" types of programming, as they found that most valuable. President Miller thanked Paul for the survey and stated that the results will be included in the next newsletter.

2. President Miller is looking for anyone club member that can help Bill KA3RBH with his FT 401B. Bill has been rebuilding the radio and needs some assistance getting it back on the air, if anyone has any experience with that model, or radios of that vintage, they should get in contact with Bill.

3. President Miller stated that the club should again investigate obtaining a 501C3 tax identification status. President Miller states that if we had that status we could have had an easier time with fund raising and donations from companies for our club activities. Robert N0UH states he has experience with that and does not recommend the process due to the cost of having the books audited each year. There was discussion on this process and N0KIA suggested that this be an item for the new Board of Governors.

4. President Miller requested three members to be tellers for the election of officers for 2005. The elections were held, and Larrie N2UL, Tom KB3IYB and Carl KB3GAX counted the votes. The officers for 2005 are as follows: President Rodney Wolfe N3XG, Vice-President Walt Snyder KE3SP, Treasurer Paul Ryan N0KIA, Secretary Phil Bigg KB3HMK, Board Members Robin Gable KB3GZV, Jim Kelly KA3UQP, Willie Robertson AB3BS, and Frank Unger W3FTU. Congratulations to all of the officers for 2005.

5. President Miller presented the 2004 Pres Schuler Award for Excellence In Service to Rod Wolfe N3XG. President Miller thanked Rod for his contributions to both the LVARC and the amateur radio community. Rod thanked the club for their support throughout the year.

The following made application for membership to the LVARC: Mike Abrams KB3LOF, Lawrence Bezdziecki KB3JMS, Kathleen Green KB3JMR, R. Scott Green KB3JMQ, Bob Heydt W3BF and Barnett Kurtz W1XL. The new members were accepted into the club without any opposition to the motion. President Miller welcomed the new members.

The President called for a motion to close the meeting at 2022 hours, EST. The motion to close was made by Mark K3MP, and Malcolm N3XRL made a second to the motion. All were in favor.

Respectfully Submitted de N3XG, Secretary

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

Balance as of November 31, 2004 - \$866.09





THE LVARC WELCOMES OFFICERS FOR 2005!



PRESIDENT: Rod Wolfe, Jr. (N3XG)

VICE PRESIDENT: Walt Snyder (KE3SP)

SECRETARY: Phillip Bigg (KB3HMK)

TREASURER: Paul Ryan (N0KIA)

BOARD OF GOVERNORS:

Mark S. Miller (AK3M)
Willie Robertson (AB3BS)
Frank Unger (W3FTU)
Robin Gable (KB3GZV)
Jim Kelly (KA3UQP)

January, 2005 Monday Night RACES/ARES Net Control Operators



January 3	KA3UQP	Jim
January 10	KB3GZV/KB3GZW	Robin/Dorian
January 17	N0KIA	Paul
January 24	N3MFT	Jeff
January 31	AK3M	Mark





LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Saturday January 1 --- New Year's Day

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

Tuesday January 4 --- LVARC Meeting - 7:30 PM (Red Cross Bldg.)

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

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

Friday January 21 --- VE Test Session (7:00 pm Red Cross)

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

Monday January 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.

LVARC 2004 Program Schedule

de Phil (KB3HMK) - LVARC Program Chairman

January - "How To Read A Propagation Index" - Rod (N3XG)

What are the middle names of Samuel F. B. Morse?
(answer, page 17)

DON'T FORGET

The LVARC VE program. If you know someone 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)

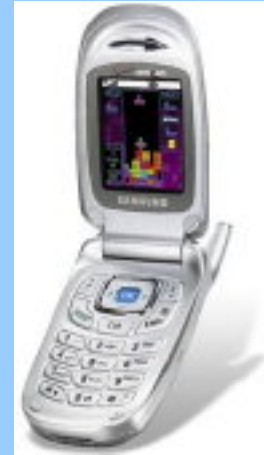




What is the output power of a cell phone?

(answer page 13)

- (1) 2/10 watt
- (2) 5/10 watt
- (3) 6/10 watt
- (4) 1 watt



A cell phone should really be called a cellular **radio**. A cell phone carrier typically gets 832 radio frequencies to use in a city. Each cell phone uses two frequencies per call -- a **duplex** channel -- so there are typically 395 voice channels per carrier. (The other 42 frequencies are used for control channels). Therefore, each cell has 56 or so voice channels available. **Frequencies for cell phones are 800 MHz or 1900 MHz.**

The Man Who Invented the Television

Philo Taylor Farnsworth (1906-1971)

The inventor of the single most significant device in modern communications was born in a log cabin, and he rode to high school on horseback. A mechanical prodigy, Philo built an electric washing machine for his mother at the tender age of twelve. His first foray into video transmission came at age fourteen. Five years later, he landed some funding and started a company to develop a television. In 1927, Farnsworth received his first patents and demonstrated the first electronic television image, at a whopping 60 horizontal lines of resolution. It was so astounding to those present that investor George Everson fired off his famous telegram immediately after the

demo: "The damned thing works!"

Farnsworth later invented over 165 devices, including electronic scanners, electron multipliers, varieties of vacuum tubes, and other innovations. And though he gave television technology to the world, he later became a notable critic of its content. "There's nothing on it worthwhile," he once said, "and we're not going to watch it in this household, and I don't want it in your intellectual diet."



From: Jameco Catalog - Fall 2004 vol. 644
Submitted by Frank (W3FTU)



Start the 2005 LVARC year out right. Get involved in club activities! Volunteer to be in charge of or help with an event! The club has never been more active! The membership has never been better! 2005 will prove to be a terrific year for the LVARC!!

I plan to help!



Norman Rockwell



CONGRATULATIONS

CONGRATULATIONS to Rod Wolfe, Jr. (N3XG). Rod was the recipient of the *Pres Schuler Award* for 2004!

A plaque was presented to Rod at the December, 2004 meeting prior to the annual holiday party.

Rod's dedication to the Technician classes and management of the LVARC's 135 repeater were just two of the reasons cited by those who nominated Rod for this award.



TNX for your “*Excellence In Service to the LVARC*” Rod !



2005 DUES ARE DUE

(see page 15)

**Odds
in
Ends**

The first edition of the ARRL handbook was published in 1926. --- *Source: qrz.com*

1 foot = 0.3084 Meter --- *Source: qrz.com*

The cost of ARRL membership in 1935 was \$2.50 --- *Source: qrz.com*

**Wavelengths****Amateur radio operators shine in crises**

By Glenn Bischoff

September 3, 2004

Submitted by Charlie (KB3FDM)

It's common -- almost startlingly so -- to hear about total strangers banding together in times of crisis. For some unclear reason, basic human instincts governing compassion and charity that usually are suppressed by the dog-eat-dog world in which we live are unleashed when disaster strikes, and people who normally wouldn't even acknowledge each other's presence stand shoulder-to-shoulder to help those less fortunate, and often each other.

Such a scenario is playing out in Mobile, Ala., as Hurricane Frances bears down on the state of Florida. As you read this, a cadre of amateur radio operators are providing whatever assistance they can to those affected by the storm.

They are plying their craft at WLO Radio, the nation's sole provider of high-frequency ship-to-shore radiotelephone service, which it has been doing since 1948. WLO makes space available to an amateur radio club known as the Maritime Mobile Service Network (www.mmsn.org), which consists of 68 members who voluntarily monitor the 14.300 kHz band on a rotating basis from noon to 10 p.m. eastern time. The club was formed in 1968 by Navy Chaplain A.W. Robertson to handle phone-patch traffic during the Vietnam War and today still handles third-party traffic for military personnel stationed overseas, according to Rene Stiegler, co-owner of WLO.

When an event such as a major hurricane occurs, the club is "deluged with requests for information," Stiegler said. "It's usually ships at sea that are looking for the latest hurricane advisories and long-range forecasts."

Should one of the volunteers pick up a distress call, he or she connects the call via a phone patch to the U.S. Coast Guard; they also provide location information. "That frequency definitely has become a calling frequency for help, especially for vessels at sea," Stiegler said.

The service provided by the club is especially critical for smaller ships (under 300 gross tons), which are not required to have on board the Global Maritime Distress and Safety System. Those vessels generally place mayday calls over the 2182 kHz frequency monitored by the Coast Guard, but propagation challenges limit the effective range of those signals to 200 miles, Stiegler said. Ships beyond range of a Coast Guard receiving station then revert to the 14.300 kHz frequency, he added.

Stiegler said the club occasionally receives a distress call from larger commercial ships on that frequency, something he's not sure FCC rules allow. In times of trouble, that becomes a moot question, however.

"If you're out on a boat that's sinking, we're not going to turn you away."

E-mail me at gbischoff@primediabusiness.com.



What is the output power of a cell phone?

(see page 9)

According to a Verizon representative, the answer is:



- (1) 2/10 watt
- (2) 5/10 watt
- (3) 6/10 watt**
- (4) 1 watt

Proud to be Pennsylvanian. . . .

You know if you are from Pennsylvania if...

You've never referred to Philadelphia as anything but "Philly." And New Jersey has always been "Jersey."

You know how to respond to the question "Djeetyet?" (Didyoueatyet?)

You learned to pronounce Bryn Mawr, Wilkes-Barre, Schuylkill, Bala Cynwyd, Duquesne and Monongahela.

You know what "Punxsutawney Phil" is, and what it means if he sees his shadow.

You know what a "State Store" is, and your out of state friends find it incredulous that you can't purchase liquor at the mini-mart.

Words like "hoagie," "crick," "chipped ham," "sticky buns," "shoo-fly pie," "pierogies" and "pocketbook" actually mean something to you.

You not only have heard of Birch Beer, but you know it comes in several colors: Red, White, Brown, Gold.

You can eat a cold soft pretzel from a street vendor without fear and enjoy it. It almost always comes with mustard.

You know the difference between a cheese steak and a pizza steak sandwich, and know that you can't get a really good one outside PA.

**CONGRATULATIONS To Rod for passing his
ECC Level 2 course on November 8, 2004 !!!**

GREAT JOB ROD !!!!!!!!!!!!!





2005 Dues Are Due

Dues keep the LVARC strong and allow us to contribute to Operation Ho Ho and the ARRL, buy pizza, finance Field Day and more. Dues are one way the LVARC stays "afloat." The good news, is that **dues will REMAIN THE SAME AS LAST YEAR** (and the year before)!

Regular Dues (includes autopatch) \$17.00

Family Dues \$3.00

**Associate
(non-ham) \$5.00**

Send your dues to:

**Paul Ryan (NOKIA)
5814 Lindbergh Street
Orefield, PA 18069-2250**

**or pay Paul at the
January, 2005 meeting**

or pay at the club's web site.

Make checks payable to: *The Lehigh Valley Amateur Radio Club*

**** Please notify Paul of change of address, email or phone number(s) ****

Why Join/Renew Membership In the LVARC ?

Why should you join the LVARC? What do you get for your membership? What does

the LVARC have to offer?

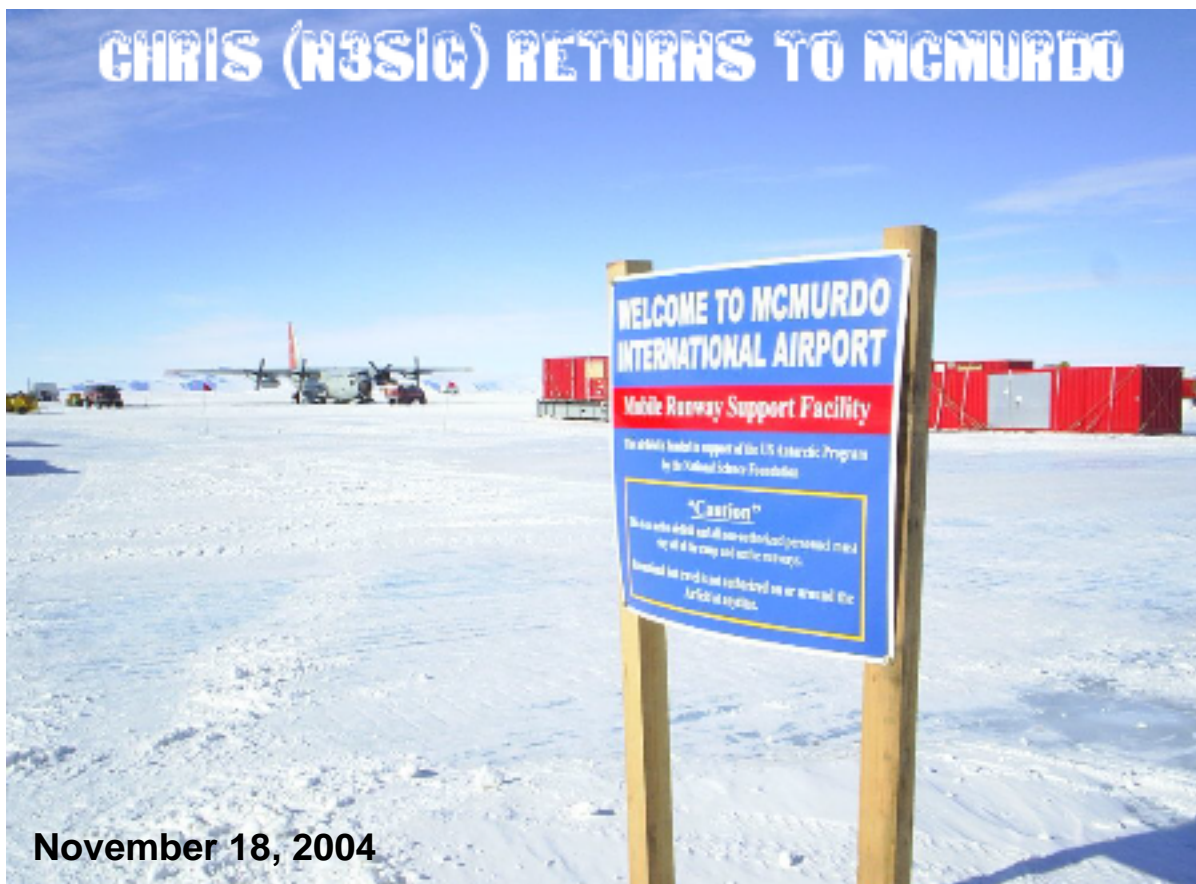
You get great programs, a monthly newsletter, dinner meetings, soon to be Tech classes, Field Day, a terrific web site, informative, friendly members, a holiday party, special programs (Operation Ho Ho), participation in community activities, group ARRL purchases, a dedicated RACES/ARES program, pizza meetings, access to an autopatch and **much more!!**

**I'm gonna
re-new now !!!**





CHRIS (N3SIG) RETURNS TO MCMURDO



November 18, 2004



November 19, 2004



LVARC VE PROGRAM REPORT

de Mark (AK3M)

**Two tested at the November 19, 2004
LVARC VE Test Session and two passed!**

**Congratulations to Todd Maurer and Mark
Zappe on passing their Technician class
licenses!**

**LVARC
VE
Program**



ARRL
The national association for
AMATEUR RADIO



VE'S in attendance were Frank (W3FTU), Walt (KE3SP) and Mark (AK3M).

LVARC VE PROGRAM SUMMARY

The LVARC VE program began on April 25, 2003. As of November 19, 2004, the LVARC has tested 30 people and earned \$128.00 from testing fees.

A huge TNX to all LVARC VE's for dedicating their time and talents to this program! TNX to:

**Frank (W3FTU)
Walt (KE3SP)
Dick (KA3MOU)
John (WX3W)
emergency**

**Larry (NR3R)
Rod (N3XG)
Bob (WB3W)
Bob (KE3AW) for substituting in an**

NEW HAMMS RECEIVE CALLS

CONGRATULATIONS to two new hams in the Lehigh Valley. The amateur radio community welcomes **Mark Zappe as KB3LTL** and **Todd Maurer sporting his new call as KB3LTM**.

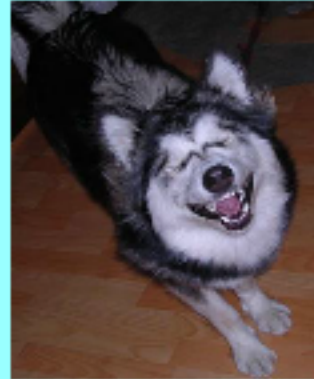
**"Cheers to a new year and another chance for us to
get it right."** --- Oprah Winfrey - O Magazine



Start Your New Year Off With a **SMILE!**



**HAPPY
NEW YEAR
2005!**



Submissions to the E-VOX are accepted in many formats.
Pictures and text are welcome. The newsletter cannot
continue without your submissions.
Send your material to Mark (AK3M) at AK3M@rcn.com.



Grammar Faux Pas

"reflect **back**, return **back**, and **continue on**" are
redundant. One only needs to "reflect, return or continue."

What are the middle names of Samuel F. B. Morse?
(see page 8) **Finley Breese** - source: QRZ.com



A Message From The President



December 8, 2004

Friends,

Thank you for the honoring me with the Pres Schuler Award; this was a very pleasant surprise. Many of you may agree that it is rare moment when I do not have something to say about a topic, be it meaningful or editorial. The presentation of the award left me in awe and speechless. I wish to thank all of the club members for their support, without which the programs and events would not have been successful.

I look forward to working with you and serving you as President in 2005.

73,
Rodney N3XG

Ham radio Web Sites

A listing of repeaters by state:
<http://www.artscipub.com/repeaters/>



A nice web site for
prospective or beginning
hams ---

howstuffworks

<http://electronics.howstuffworks.com/ham-radio1.htm>



LVARC December Meeting In Pictures

Rod Wolfe, Jr. (N3XG)
receives Pres Schuler Award



LVARC Members enjoy the
annual Holiday Party

**LVARC
INFORMATIONAL
POLL !**

TNX to Paul (NOKIA) who created an informational poll and invited all LVARC members to submit their input. The questions and results are below:

We had 33 direct responses to the survey and 2 offline who declined to complete it, so call that 35 out of 55. Pretty good response rate. I've presented the results below exactly as received with a few exceptions. I've removed names or callsigns where they were included in a reply and also edited one reply for content. I intended this to be an anonymous survey and it will remain so. I also edited one response for content.

My take on the survey results was a general request from the members for more "How To" programs directly related to amateur radio. Other topics are tolerated, but two or three a year would be the maximum. Food events are always welcome. As for field day, NO MORE SERANOVA, or so the survey would indicate. On a positive note, 87% were looking to attend FD2005, so the potential excitement is still there. Under new programs, there were some great ideas and it would be great if the respondents would volunteer their program/presentation to our programs coordinator, Phil, KB3HMK. Hint, hint...

Thanks all for participating. It's helped

73's Paul (NOKIA)

**Here's the programs survey.**

Like I said above, direct ham radio related "How To"s scored big.

<u>Topic</u>	<u>Liked it.</u>	<u>OK, but once was enough</u>	<u>Didn't enjoy it</u>	<u>Did Not Attend</u>	<u>Response Total</u>
December 2003	53% (16)	3% (1)	0% (0)	43% (13)	30
Red Cross Communications (Nina Johnson)	23% (7)	23% (7)	10% (3)	43% (13)	30
Feburary Dinner Meeting (Lehigh Valley Diner)	31% (9)	14% (4)	0% (0)	55% (16)	29
River Monitoring (Rod Wolfe)	29% (9)	19% (6)	0% (0)	52% (16)	31
Radio Tubes (Louis Poli)	35% (11)	10% (3)	0% (0)	55% (17)	31
Geocaching (Phil Biggs)	23% (7)	20% (6)	0% (0)	57% (17)	30
Echolink	40% (12)	10% (3)	0% (0)	50% (15)	30
Old Radio Restoration (Frank Unger)	27% (8)	17% (5)	0% (0)	57% (17)	30
Home Brewed Receivers (Louis Poli)	33% (10)	3% (1)	0% (0)	63% (19)	30
Aviation Radio)Paul Ryan & Robin Gable)	23% (7)	13% (4)	0% (0)	63% (19)	30
Total Respondents (skipped this question)					31 2



Here's the field day section:

	<u>Yes</u>	<u>No</u>	<u>Response Total</u>
I attended Field Day this year	32% (10)	68% (21)	31
I operated at Field Day this year	25% (8)	75% (24)	32
I plan to attend Field Day 2005	87% (26)	13% (4)	30
I'd like to help organize Field Day 2005	38% (11)	62% (18)	29
I'm volunteering for Field Day 2005 chairman (Yeah...right!)	4% (1)	96% (25)	26
Total Respondents			32
(skipped this question)			1

There were 15 text responses to the field day question. You can read them for yourself. Call me crazy, but it looks like time for a change of venue.

3. My thoughts on Field Day (past or future) ...

1. I am a new member so I am coming in late in the year. Still need to get to know more members to feel comfortable in volunteering, but will help wherever I can and with my new statr (knowledge).
2. The FD site may not be perfect but it does meet all the needs of the LVARC. Cost and facilities are two of these needs which the Serranova site meets. The camp provides adequate sleeping and kitchen facilities as well as plenty of room for antennas. The schedule of our occupation of the camp has also been keeping with our needs.
3. Really would like to attend one. Always on the same weekend as a camping trip! If the wife and son would be into "radio", I could make a camping event out of it!
4. I enjoyed field day 2003. Could not attend 2004 because I had to work. I am planning on attending 2005 field day unless my work schecuile chainges.
5. 1. A good chance to learn from the experts- and good food. 2. A good chance to learn by doing- and good food. 3. Good comraderie and good food. 4. Did I mention good food?



6. I feel the field day should be more centrally located than where we have been holding it. I suggest Mack South side Fire station grounds and tower. Jim KA3UQP
7. Good place, has cover for your expensive radios in case of rain. Can sleep over. Has great cooking facilities. Plenty of trees for antennas.
8. Great time at field day, but we should see more different types of operating like satellite or digital.
9. Some of my most memorable experiences are of Field Day. I hope I can work my schedule so I can do it this year. If I'm available, I'm willing to help set up, operate, and clean up.
10. I frequently have business conflicts (meeting committments) that preclude active participation in field day. It's not that I'm not interested, just that sometimes I can't be there because I must be somewhere else. (Same thing happens to regular club meetings ...)
11. We need a new location. I feel the <club leadership> did not honor the request of the membership regarding 2003 as being the last year for the Berks County location. Because of <this> I chose not to participate with the club ... until it does.
12. Seranova was fun but I'm ready for a change. Let's not overdo it!
13. We need to come back closer to home. Its Mack South where we were for so many years. Or find a new place that most of the club can agree on.
14. My 2 nieces had games that weekend which did not allow me to attend Field Day. Hope this year their are no games the weekend of Field Day.
15. The dwindling attendance over the past three years demonstrates that it is time to change the location. The club needs to act as a club, not a group of individuals.

Here's the input from the next question where we had 18 responses.

4. I'd like to see a presentation at a monthly meeting on:
 1. Sometimes I feel that the presentations can be a bit too technical.....and I think the Tech licencees (newer peeps in the group) get a little intimidated by it.....I do not have any suggestions (which isn't helping...sorry), but that would be my only suggestion.....honestly, I think the group does a decent job on presentations.
 2. Every one of the members has a special talent which could be a program. Although maybe not radio related, their skill may make for a good presentation.... under the subject of general interest. I would like a short presentation on use of the autopatch.
 3. Topics were good in 2004. I have other commitments on Tue eve so am not always able to make the meetings.
 4. Satellite radio operation



5. Repeater Operation
6. Home-brew antennas.
7. I would like to see a program on ways a new tech operator can become more involved in the hobby. As for myself, as much as I would like to be able to operate on the HF bands I am having a great deal of difficulty learning the code so I can advance to the general ticket. So I am looking for ways that I can be more involved in the hobby but there seems to be very limited info and activity on the frequencies I can work. I have a hearing problem that is causing me problems hearing the dot and dashes on the study tapes for the code part of the general ticket.
8. I can do a program on BPL.
9. I'd like a good presentation of packet radio, from the ground up. Everything I read assumes some basic knowledge.
10. I would like to see another program on Echo Link with good visuals. The other one was ok, but with no visuals you couldn't keep track of what he was talking about.
11. Antennas: building, buying, what works, base, portable, mobile, wire, verticals, beams.....
12. Satellite communications and more transceiver/receiver/transmitter kit building
13. Satellite, EME, or even meteor trail communications.
14. Navy-Marine Corps Military Affiliate Radio System (MARS)15. How do perform field day operations. In the past when I attended field day no one took the time to show me how to work the additional frequencies. I was just told "there's a radio if you want to use it." The only issue is I wasn't sure what to do and I am sure some new hams are just as unsure.
16. APRS - How does it work? How do I get it hooked up?
17. ARES/RACES and have Lehigh and Northampton County EMC present.
18. Antenna design / modeling



The question on starting new projects or programs had 10 responses.
Here they are.

I'd like to see the club start a new program for:

1. Different Modes of operation (existing and experimental) - equipment, procedures, etc.
2. Getting our group more exposure in the valley. We have here in there gotten some publicity, but I think we have the potential to grow by 100% more in the next 2 years.
3. A possible CW class has been suggested and asked about by some Techs in the club.
4. Getting all the Tech members prepared for their General by teaching a rudimentary code program.
5. The new educational programs sound interesting.
6. Demonstrations of amateur radio to cub scouts/boy scouts. Maybe live communication with the space station.
7. Maybe a General Class course such as the Tech. class Rod, Paul, Mark, and Frank puts together.
8. Getting folks fired up about BPL.
9. Training for RACES
10. Morse Code, move the techs to HF

The final question, **looking for volunteers for programs/projects** had a good response rate of 7 out of 33. Here they are.

I'd like to take charge and start the following new program or presentation:

1. I would be interested in possibly heading FD but my feeling about the existing site (Serranova) would be a big influence on my decision.
2. I would be willing to help and or start a code class.
3. I'll think about a possible program for some time this year and when I might be able to attend without a business travel conflict.
4. Navy-Marine Corps MARS
5. RACES ,ARES and EMA where do they fit.
6. Maybe help with a RACES presentation. I am working on one for DLARC with Power Point.
7. Emergency Communication Preparedness.