

The **E-VOX**

The Official **On-Line** Newsletter of the **L**ehigh **V**alley **A**mateur **R**adio **C**lub - **W3OI**



Allentown, Pennsylvania (Lehigh County) - **USA**

Officers

President: **Rod Wolfe, Jr. - N3XG** (rjwolfe@rcn.com)
Vice President: **Craig Traverson - N3TSY** (cjtraverson@yahoo.com)
Secretary: **Phillip Bigg - KB3HMK** (philbert@enter.net)
Treasurer: **Paul Ryan - N0KIA** (n0kia@arrl.net)

Board of Governors

Robin Gable - KB3GZV (kb3gzw@arrl.net)
Mark S. Miller - AK3M (AK3M@rcn.com)
Willie Robertson - AB3BS (WILLIETR@BELLATLANTIC.NET)
Larry Snyder - KB3MHT (KB3MHT@arrl.net)
Frank Unger - W3FTU (funger@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)
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>





March, 2006



Meeting Information	page 3
L.C. RACES Net Information	page 3
Minutes of the December, 2005 Meeting	pages 4-5
This Month In Ham Radio	page 6
LVARC Activities	page 7
West Virginia Miner is a Ham	top news page 8
Wind Chill Chart/ARRL Quiz	page 9
Stupid, Useless Yet Entertaining Facts	ENTERTAINMENT page 10
Last Month to Pay LVARC Dues	IMPORTANT page 11
New ARRL Book/President	page 12
NIMS Reminder !!!.....	IMPORTANT page 13
New Technician Exam Question Pool	page 14
Discussed at the January, 2006 Board of Governor's Meeting	page 15
LVARC Member Recognized by the ARRL	top news page 16
LV Hams In the News	page 17
Morse Code Classes / Fundraiser	ENTERTAINMENT page 18
Amateur radio crossword	page 19
Answer to crossword	NEW page 20
LVARC Ink Cartridge Fundraiser	pages 21-22
"Trauma Alert!"	NEW page 23
LVARC goes to Flemmington Hamfest	page 24



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

Program: To be announced



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).

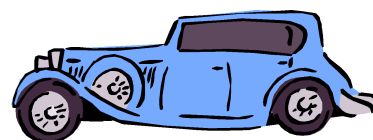
Many club announcements
will be heard there !

Monday Night RACES/ARES Check-In Summary - 2006

<u>Month</u>	<u>Number of</u> <u>Check-In's</u>	<u>Number of</u> <u>Mondays</u>
January	167	5



Do you remember when car ads sported "R & H" which indicated that it had a **radio** and **heater**? Those were options which are now considered standard equipment. Can you imagine buying a car today WITHOUT a radio



**Minutes of the February 7, 2006 Meeting**
de Phil (KB3HMK), - Secretary - LVARC**Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes**

President Wolfe called the meeting to order at 1930 hrs, EST. The meeting started with the Pledge of Allegiance, and then a moment of silence was observed in remembrance of silent keys. The following Board Members were in attendance: President Wolfe, Vice-President Traverson, Treasurer Ryan, and Board Members Gable, Robertson, and Snyder.

There were no additions or corrections to the January minutes as printed in the EVOX. Paul reported that treasury ended January with a balance of 1,735.78. A motion from Carl AA3IX and a second from Willie AB3BS accepted the Treasurer's report. The motion carried all in favor. President Wolfe thanked Paul for a great job and also advised the club that the Board audited the Treasury during the annual meeting in January.

Committee Reports:

Repeater – President Wolfe reported that he exchanged email with Jeff N3MFT to find out the status of the voting on 146.94. The work has not yet been started. The club was under the impression that the contracted service agency had to complete the task by the end of 2005 as was reported before, it seems the county has provided an extension to that timeline.

Program – February 21 is our annual dinner meeting. This is at 1830 at the Whitehall Home style buffet. Information is available on the web site.

VE Team – President Wolfe reported that the VE team has been doing a great job and since it's inception in 2003 the team has been responsible for testing 53 people. President Wolfe also reserved the rooms from the Red Cross for the rest of the year.

Old Business-

1. President Wolfe reported that there are currently two potential field day sites, one in Allentown and one in the Orefield area.
2. President Wolfe reminded the members that both NIMS and EMCOMM Level I is the basic requirement for deployment with a RACES / ARES group in Lehigh County. Dick KA3MOU added that he spoke with Jeff N3MFT and if you don't have the proper training you will not be used in a key role. There was some discussion on this issue, and two members have not received their certificates from a NIMS course. They were advised to call LCCC and pursue their recognition.



New Business

1. The Board met on January 27. The Board discussed the future direction of the club and the importance of club member involvement, education and development. The Board also earmarked funds and established a Repeater Fund for the future replacement of 147.135.
2. Frank W3FTU discussed two fundraisers for the club's repeater fund. The first is running a ham fest table. Frank and Tom K3ARI will be attending the Cherry Hill Ham Fest and will be taking any item donated to the club to the ham fest for sale. Donated items will be sold for profit to the club. The second fundraiser is an on going collection of empty ink jet cartridges. The cartridges will be boxed up and sent to a recycling company and the club will get cash for their efforts.
3. President Wolfe described a third fundraiser for the club. A sandwich and hoagie sale will be offered for a delivery date of Wednesday April 19. The order forms will be handed out at the April club meeting with more detailed instructions. The club will get the sandwiches from the American Club of Coplay. The club should expect to make \$1.75 on each 9-inch hoagie and \$1.50 on each Kaiser roll sandwich. We will also run this sale in the fall.
4. Frank W3FTU will teach a CW course the same week as the VE test in March. The course will run each night from Monday to Friday and you will immediately take the CW test at the end of the course. President Wolfe added, not to wait for the FCC to drop their requirements, as the final outcome may not be what everyone is expecting.
5. The Board discussed being active in local events to become proficient in net operations and to provide community service. Mark AK3M has committed the club to provide support for a runner's road race on April 30. This event promises to be fun.

New Members

Ike N3IK has applied for membership. Ike is a charter member of the club and the club welcomes him back to the fold after his absence.

Good of the order

President Wolfe reminded those present about repeater and phone patch etiquette and function. There has been a resurgence in phone patch use lately, and the President wanted the club members to remember that it is not secure communications and that you must ID after you are finished with your patch. That includes the hang up code.

Anyone interested in 10-meter code operation should tune to 28.175 between 1900 and 1930 on Wednesday and Thursday nights. Join in the fun.

Being no further business the motion to close was made by Larry KB3MHT and Larrie W2UL provided a second to the motion. All were in favor to close and the meeting was adjourned at 2045 hours EST.

Respectfully submitted,
Rodney J Wolfe Jr, N3XG
President, LVARC

\$\$\$ W3OI Finances \$\$\$
Balance ending January, 2006 - \$ 1,735.78





This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
March 2006			1 Ash Wednesday	2 LVARC Thursday Night Net 7:30 pm	3	4 ARRL Inter. SSB
			8	9 LVARC Thursday Night Net 7:30 pm	10	11 RSGB Commnwth Contest Idaho/OK QSO Party
5 ARRL Inter. SSB	6 ARES RACES Net 7:30 Dorian KB3GZW	7 LVARC Meeting Red Cross 7:30	15	16 LVARC Thursday Night Net 7:30 pm	17 St. Patrick's LVARC Test Session 7:00 pm	18 Russian DX Contest Virginia QSO Party
12 Idaho/OK QSO Party Deadline to schedule test	13 ARES RACES Net 7:30 Mark-AK3M	LVARC CW CLASSES - See p. 18				
19 Russian DX Contest Virginia QSO Party	20 Spring begins ARES RACES Net 7:30 Rod-N3XG	21	22	23 LVARC Thursday Night Net 7:30 pm	24	25
26	27 ARES RACES Net 7:30 Jim-	28	29	30 LVARC Thursday Night Net 7:30 pm	31	

LVARC Meeting - Tuesday March 7 - 7:30 - Red Cross Bldg.

Test Session - Friday March 17 - 7:00 pm - Red Cross Bldg.



LVARC Activities/Events **Mark your Calendar**

PRINT, CLIP and POST



Thursday March 2 --- LVARC Net - 7:30 pm (147.135)
 Monday March 6 --- LC RACES/ARES Net - 7:30 pm (146.94)
 Tuesday March 7 --- LVARC Meeting (7:30 pm - Red Cross Building)
 Thursday March 9 --- LVARC Net - 7:30 pm (147.135)
 Sunday March 12 --- Final date to register for February 17 test session
 Monday March 13 --- LC RACES/ARES Net - 7:30 pm (146.94)
 Thursday March 16 --- LVARC Net - 7:30 pm (147.135)
 Friday March 17 --- LVARC Test Session (7:00 - Red Cross Building)
 Monday March 20 --- LC RACES/ARES Net - 7:30 pm (146.94)
 Thursday March 23 --- LVARC Net - 7:30 pm (147.135)
 Monday March 27 --- LC RACES/ARES Net - 7:30 pm (146.94)
 Thursday March 30 --- LVARC Net - 7:30 pm (147.135)

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



Monday Night RACES/ARES Net Control Operators



March, 2006

March 6
 March 13
 March 20
 March 27

KB3GZW
 AK3M
 N3XG
 KB3GZV

Dorian
 Mark
 Rod
 Robin





West Virginia Miner is a Ham

Randy McCloy, the sole survivor of the first mine disaster in West Virginia in January, 2006, is an amateur radio operator. Randal McCloy holds the Technician class call KC8VKZ. Get well wishes can be sent to his home at:



Randal L McCloy, Jr - KC8VKZ
PO BOX 223
Philippi, WV 26435

Your QSL would work well but any card is acceptable. QRZ.com shows more than 22,000 look-ups!! He will need a new mailbox!



Rating Your Club's Newsletter

(A survey available from the ARRL website)

Poll date: November 18, 2005

How do you rate your local club newsletter?

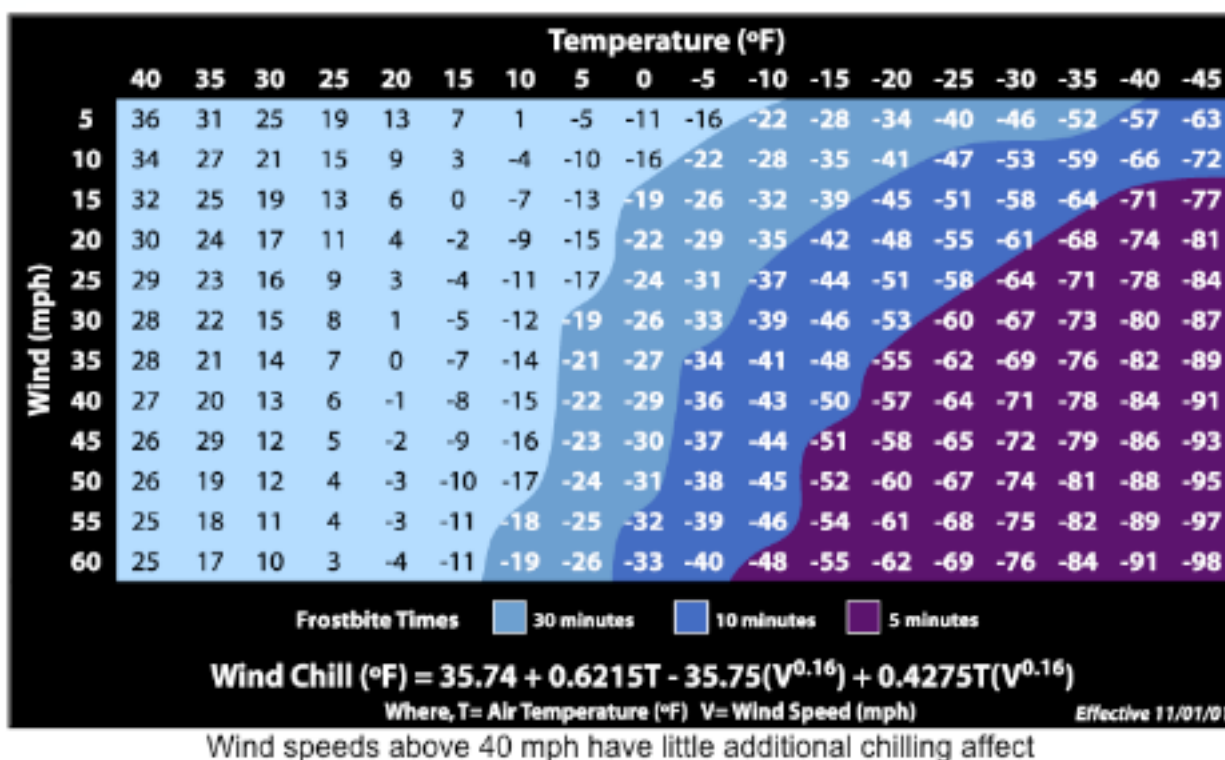
Very good	28.5 % (685)
Fair	17.9 % (429)
Poor	8.4 % (202)
My club doesn't publish a newsletter	18.3 % (439)
I don't belong to a local club	26.9 % (647)
Total votes: 2402	

"God wisely designed the human body so that we can neither pat our own backs, nor kick ourselves too easily."

— Author unknown



WIND CHILL CHART



ARRL Quiz



As of January, 2006:

1. What year was the ARRL founded? _____
2. The new president is the (number) president of the ARRL?

The answers are in this newsletter!



Stupid, Useless, Yet Entertaining Facts

The liquid inside young coconuts can be used as a substitute for? Blood plasma.

No piece of paper can be folded in half more than seven (7) times.

Donkeys kill more people annually than plane crashes.

You burn more calories sleeping than you do watching television.

Oak trees do not produce acorns until they are fifty (50) years of age or older.

The first product to have a bar code was Wrigley's gum.

The King of Hearts is the only king without a mustache!

American Airlines saved \$40,000 in 1987 by eliminating one (1) olive from each salad served in first-class.

Venus is the only planet that rotates clockwise

Apples, not caffeine, are more efficient at waking you up in the morning.

Most dust particles in your house are made from dead skin!

Walt Disney was afraid of mice!

Pearls melt in vinegar!

The three most valuable brand names on earth: Marlboro, Coca Cola and Budweiser, in that order.

It is possible to lead a cow upstairs ... but, not downstairs.

A duck's quack doesn't echo, and no one knows why.

Dentists have recommended that a toothbrush be kept at least six (6) feet away from a toilet to avoid airborne particles resulting from the flush.

And the best for last..... Turtles can breathe through their butts.





Dues Are Due

Dues keep the LVARC strong and allow us to contribute to Operation Ho Ho and the , buy pizza and 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!**

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 a 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).



Amateur Radio Newsline
is available at:

<http://www.arnewsline.org>

You can download amateur radio news in a text or mp3 format.

A Fashion Tip



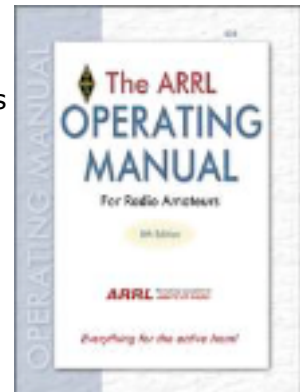
If you wear your pants high enough, you don't need a shirt !



The ARRL Operating Manual -- *Everything for the active ham !* 8th Edition

The most complete book about Amateur Radio operating:

- * Rules and Regulations — updated and including 60 meters
- * FM operating — including repeaters, EchoLink and IRLP.
- * Extensive operating detail for dozens of modes including CW, PHONE, and many digital modes.
- * VHF and HF digital—with new emphasis on sound-card based operating modes and APRS
- * Other VHF/UHF modes—including meteor scatter and weak signal software applications
- * DXing, Contesting and Award Hunting—and featuring ARRL's Logbook of The World
- * Emergency communications—updated for the post-September 11, 2001 environment Traffic Handling
- * Image Communications—including innovations using sound cards
- * Satellites ...and many additional References



This book is designed to help you increase your enjoyment and skill. **The ARRL Operating Manual** belongs in every ham's shack!

Eighth edition, second printing. 352 pages. © 2003-2004, published by American Radio Relay League, Inc. (ISBN: 0-87259-913-2) #9132 -- **\$25.00**



ARRL Has New President

ARRL First Vice President Joel Harrison, W5ZN, of Judsonia, Arkansas, will be the League's president for the next two years. He'll succeed Jim Haynie, W5JBP, who chose not to run for a fourth term in the uncompensated, volunteer post.

First licensed in 1972 as WN5IGF, Harrison says he's interested in virtually all aspects of Amateur Radio, from HF DXing and contesting to VHF/UHF/microwave and moonbounce. He's an ARRL Life Member. His wife, daughter and son all are Amateur Radio licensees. He'll become the League's 14th president since its founding in 1914.



From: The ARRL Letter
Vol. 25, No. 03 - January 20, 2006



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

You only have until October, 2006 to be NIMS certified in order to maintain your LC RACES status !!!

Go to:

<http://training.fema.gov/emiweb/IS/crslist.asp>

**and scroll down to select - IS-700
(National Incident Management System - NIMS)**

After October, 2006, non-certified amateurs WILL be able to check into the Monday Night RACES/ARES/LVARC Net but will NOT be able to participate in RACES activities !!!

The course is easy and you need only answer a simple 20-question quiz to become certified and it can all be done online! There is NO FEE.

Part of amateur radio is the emergency communications aspect. Don't be left out! RACES needs your help. **Get certified now!**



No Such Thing As A Free License !!!!!

(from an email from Rod (N3XG))

This is what happens when VEC's just give it away without testing. Someone eventually finds out. The FCC does an audit, and then people that never should have had a license get it taken away.

Source:

Final Yucaipa, CA Audit results, W5YI VEC
Examinations 1999-2003

Recalled for testing: 162
Failed to appear: 150

Passed: 7
Requested cancellation: 5

Total cancellations to be processed: 155

NOTE: The LVARC testing program follows **ALL** the rules! I am happy to announce that more have passed than have not passed since our beginning (4/25/03) and we have never had ANY paperwork returned or questioned !!
--- Mark (AK3M)



New Technician Class Question Pool Released to the Public

(Jan 23, 2006)



The National Conference of Volunteer Examination Coordinators (NCVEC) Question Pool Committee (QPC) has released the **new Technician (Element 2) Amateur Radio examination question pool**. The new Element 2 question pool is available for viewing or download in these formats: Adobe PDF, MS Word .doc file, RTF and ASCII text. Other versions may be available on request. **The new question pool will become effective for all examinations administered on or after July 1, 2006**, and it will remain valid until June 30, 2010



Discussed at the Board of Governor's Meeting

(January 27, 2006)

A Board of Governors meeting was held on Friday January 27, 2006 at President Wolfe's house. The following items were discussed:

- * as a fundraiser, a sandwich sale is proposed for April, 2006
- * funds will be raised for a "D-Star" repeater to replace the 135 repeater
- * Tom (K3ARI) and Frank (W3FTU) will collect items from LVARC members and will be sold at the Flemmington Hamfest. Proceeds to go to the 135 repeater fund.
- * Carl Stevenson (WK3C) has been named as the LVARC Technical Committee chairman.
- * empty ink cartridges will be collected and turned in for cash. Proceeds to go to the 135 repeater fund.
- * Frank (W3FTU) will teach a CW class five days prior to the Friday March 17, test session.
- * an EmCoMM class will be scheduled for May, 2006.
- * Mark (AK3M) will contact various agencies for ARES participation.
- * a Field Day site is being sought.
- * walk-in licensing testing is to be scheduled at the LVARC 2006 Field Day. More information to follow.
- * the 2005 financial summary submitted by Paul (N0KIA) was approved by the board members.
- * a summary of the Test sessions was presented to the board members.
- * perusing the 501C3 has been deemed not economical and has been discontinued.



A Breakdown of LVARC Members by License Class -- de Frank (W3FTU):

Technician -----	40	General -----	10
Technician with Code ----	2	Advanced -----	
3			
Extra -----	25		
Total membership -----	80		



LVARC Member Makes QST

Once again, Chris Kelly's (N3RPV) service during hurricane Katrina was recognized by the ARRL.. Chris was recognized by call on page 54 of the February, 2006 issue of QST.

Congratulations Chris and TNX for your service!

Honoring Hurricane Relief Volunteers

On these pages, we honor both radio volunteers who took time from their work and family obligations to serve those affected by this past summer's devastating hurricanes, Katrina, Rita and Wilma. Our thanks to them for their selfless service, as well as to those whose names and call signs are not listed here.

Note: This list was compiled from those who entered their names and call signs on the "ARRL Hurricane Relief Volunteer Service Report" Web site by December 15, 2005.

W1AHP	KATWZA	KASTOO	KK4NNI	K14HQ	W1JIO	KD4NTS	W04UJ	KH4EX	KESBKL
W1AHE	WV1X	WAZJOM	KK4DHV	K14FR	K1JOS	N4NNV	W24UYA	AP5AA	N8BYL
W1BHV	K1YU	NB2WF	K1C1A	K1FRU	K1JBU	N4HDL	KE4VDE	W55AA	AD5CA
W1BTO	N1ZDN	NB2MD	K1C1E	N4FYU	N1JUN	N4QDD	KC4VDP	W55AA	KK4CA
K1BAY	KZ1Z	W1JW	K1C1J	K1GDC	K1LTA	N4QDF	K24V	K44KH	K1BDE
K1DAV	KAZBIO	W1KX	K1C1K	N4GZ	K1LVP	N4QDU	KE4VDE	K44KH	K1BDM
K1DAV	NF2UK	W1KX	K1C1L	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
N01D	NF2UK	W1KX	K1C1M	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
NZ1C	NF2UK	W1KX	K1C1N	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
N1CIC	NF2UK	W1KX	K1C1O	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
NK1EM	NF2UK	W1KX	K1C1P	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1EMT	NF2UK	W1KX	K1C1Q	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
K1EXM	NF2UK	W1KX	K1C1R	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1FAP	NF2UK	W1KX	K1C1S	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
K1H1H	NF2UK	W1KX	K1C1T	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
K1H1H	NF2UK	W1KX	K1C1U	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1V	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
K1H1H	NF2UK	W1KX	K1C1W	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1X	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Y	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Z	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1A	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1B	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1C	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1D	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1E	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1F	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1G	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1H	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1I	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1J	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1K	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1L	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1M	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1N	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1O	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1P	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Q	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1R	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1S	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1T	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1U	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1V	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1W	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1X	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Y	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Z	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1A	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1B	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1C	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1D	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1E	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1F	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1G	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1H	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1I	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1J	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1K	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1L	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1M	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1N	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1O	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1P	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Q	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1R	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1S	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1T	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1U	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1V	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1W	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1X	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Y	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Z	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1A	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1B	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1C	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1D	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1E	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1F	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1G	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1H	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1I	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1J	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1K	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1L	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1M	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1N	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1O	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1P	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Q	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1R	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1S	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1T	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1U	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1V	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1W	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1X	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Y	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Z	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1A	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1B	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1C	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1D	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1E	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1F	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1G	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1H	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1I	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1J	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1K	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1L	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1M	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1N	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1O	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1P	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Q	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1R	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1S	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1T	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1U	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1V	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1W	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1X	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Y	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1Z	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1A	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1B	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1C	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1D	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1E	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1F	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1G	N4GZ	K1LVP	N4QDU	K44VDE	K44KH	K1BDM
W1H1H	NF2UK	W1KX	K1C1H	N					



Ham Radio In The New

**“Helping Hams - Radio Operators Have Fun
But Are Always Ready For An Emergency...”**

appeared in the Morning Call on January 27, 2006.
The article featured Ron Polityka (WB3AAL) from Berks County.

Ron is part of the Eastern Pennsylvania QRP Polar Bear Club
which transmits from Pulpit Rock on the Appalachian Trail.





Have You Changed Your Email Address?



If you have changed your email address (and/or street address), please let Paul (N0KIA) know!



Information among LVARC members is often distributed via email. If the LVARC does not have your current email address, you will not receive this information! **Paul can be contacted at N0KIA@arri.net.**

MORSE CODE CLASSES !!!!!

Want to upgrade but are having trouble with the code? The LVARC can help. Frank (W3FTU) is planning a crash course in CW just in time for the test session!!!!

If there is enough interest, Frank will hold CW classes in March, five days prior to the March 17, 2006 test session. **This is your chance to get the help you need to upgrade!!**

For more information, contact Frank (W3FTU) at: funger@ptd.net

Don't wait. The classes depend on the interest of the members.

On Thursday February 2, Punxsutawny Phil saw his shadow indicating 6 more weeks of winter. Let's hope he is mistaken!

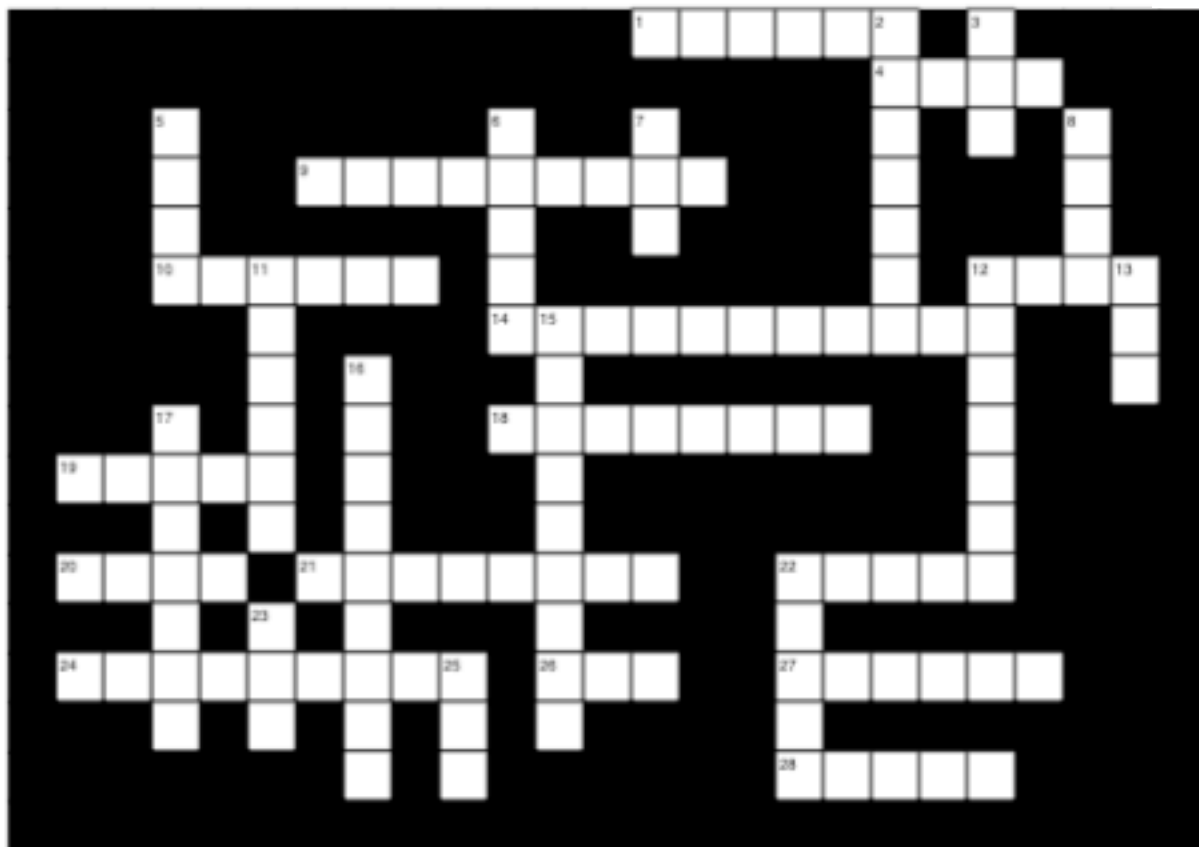


DID YOU KNOW ...

An early telegraphic scheme before Morse, used 26 wires -- one for each letter of the alphabet!!! Originally, two wires were used for telegraphs, later when they found one tied to ground worked just as well -- only one wire was strung.



Amateur Radio Crossword



Across

1. One of the valley's counties
4. The national association of ham radio.
9. The change in the carrier frequency of a FM transmitter.
10. A Wire antenna.
12. The ARRL community organization.
14. Another Lehigh Valley county.
18. the stage in a receiver in which the modulation is recovered from the RF signal.
19. A solar event.
20. Power measurement.
21. Retransmitting device.
22. The highest license class.
24. Oscillations in a transmitter on frequencies other than the desired.
26. A unit of resistance.
27. Ham radio on the move.
28. _____ county organization which helps in emergencies.

Down

2. Ham flea market
3. Atmospheric interference.
5. The unit of digital-signal speed.
6. Impedance matching device.
7. The LVARC newsletter.
8. The "W" in CW means _____.
11. A digital mode.
12. arial
13. An avid ham listener.
15. _____ Ho Ho
16. An element behind the driven element in an Yagi.
17. A DC source.
22. A ham's "teacher."
23. The orbiting station.
25. Old distress code.



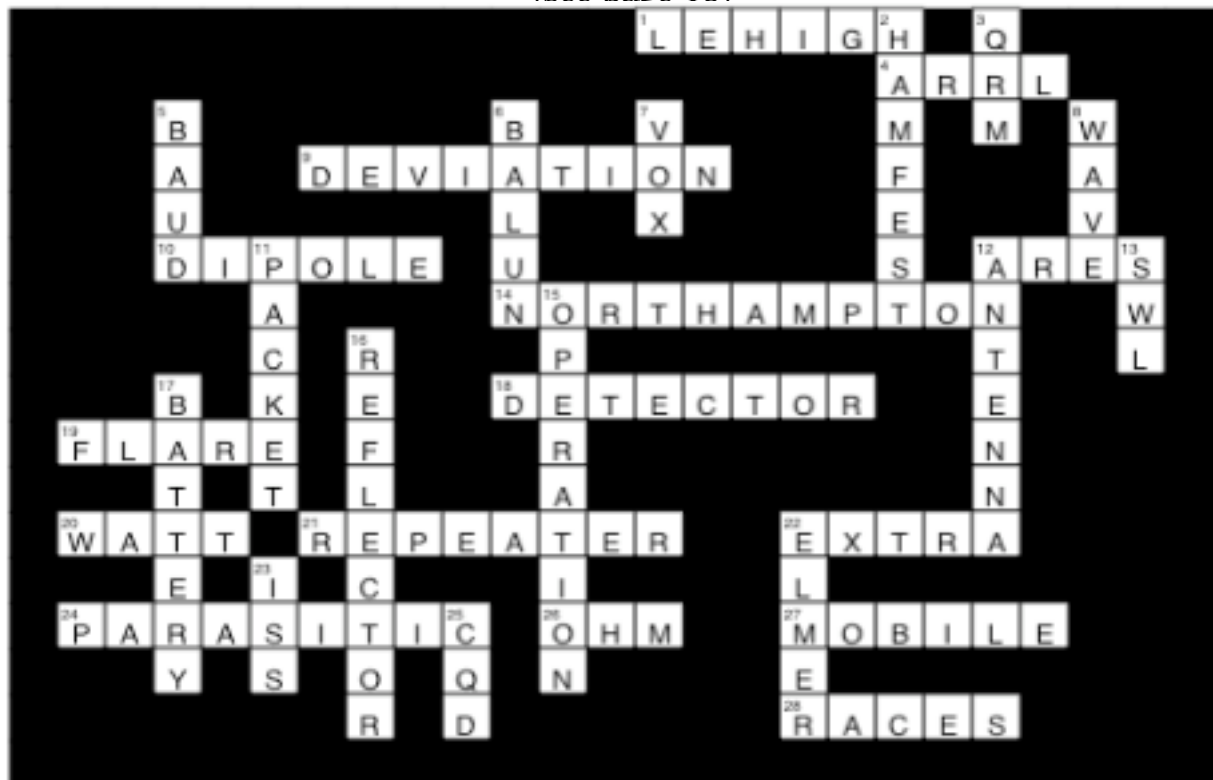
A nice Ham
Radio web site:



<http://www.radioing.com/>

Answers to Amateur Radio Crossword Puzzle

(see page 19)





LEHIGH VALLEY AMATEUR RADIO CLUB

Recycle Inkjet ? Reduce Pollution ? Raise Funds

What to do:

Most of us have inkjet printers at home or work. Next time when you have an empty cartridge, don't throw it away.

Just put it in a Ziploc bag or the original cartridge box and bring it to [Monthly LVARC Meeting](#).

Can't make the monthly meeting - Contact W3FTU for Pickup!

Benefits to the **ORGANIZATION**:

The **LVARC** will be paid up to **\$4.00** for each cartridge with a print head.

Prompt cash payment for our **LVARC** when a filled box is sent.

Free boxes... free shipping.... no cost!

Benefits to our community:

Reduce pollution. Cartridges do not decompose for 1,000 years.

Save energy. Empty ones can be remanufactured and reused.

No buying, no selling, no burden to anyone.

Which cartridges:

Cartridges with a print head are qualified for payment. That includes most of **Hewlett Packard, Lexmark, Compaq, Canon, Dell, Brother, and Apple.**

Cartridges without a print head do not qualify for payment. That includes all **Epson.**

If you cannot tell the difference, bring it in anyway..

Everybody helps. We can make a difference.

You can also get empties from friends, neighbors, and small businesses.

On average, a person uses 2 cartridges a year.

The potential is huge.

Reduce pollution · Raise funds One cartridge at a time...

All proceeds collected will go the 135 Repeater Fund

**On the following page (p.22) is a flyer you can print and take to work.
Place your name on the line so those donating know to whom to give the
cartridge.**



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

FUNDRAISING PROGRAM

We provide Emergency Communications to
the Lehigh Valley Community

Please donate your used Printer Cartridges.

would be happy to accept your donations of used printer
cartridges

Your contributions will enable us to modernize our
communications facilities and better serve the
citizens of the Lehigh Valley.





“TRAUMA ALERT!” - by D. W. Thorne, K6SOJ

(From EMCOMMWEST BULLETIN # 179)

Imagine that you and your family are on a motor trip far from home. Suddenly, you are involved in a traffic accident. While you escape serious injury, your loved ones are seriously injured. They receive emergency treatment “on scene” by EMT’s and paramedics. The ambulance driver asks if you have a preference as to which hospital you wish to have them transported. He states that there are two hospitals available, each is about five miles away, but in opposite directions.

The ambulance driver tells you that when Community Hospital is notified that they are about to receive several multiple-trauma patients, they page for “any available doctors and nurses” to respond to the emergency department. They believe that since doctors, nurses, and technicians are all licensed; having ! an emergency team that works and trains together on a regular basis, really isn’t necessary.

The driver also mentions that at University Hospital, they have a “trauma team” on stand-by that is composed of emergency physicians, trauma surgeons, trauma nurses, and technicians that work and train together on a regular basis. They all regularly take up-to-date continuing education courses and several have post graduate certification in various specialties. They know each other’s abilities, strengths and weaknesses; and are familiar with their equipment and know how to use it even under adverse conditions. Which hospital would YOU choose?

Now let’s take another scenario and apply it to emergency communications. Suppose that you are an emergency manager for a county emergency service agency. A major incident has occurred affecting your entire region or state. Commercial power, telephone and computers are all down. The hospital has a critical patient that urgently needs two units of B Neg.” (Whole blood.) An emergency radio message must be sent to the blood center at the state capitol, 300 miles away to request two units of B Neg. to be sent by emergency airlift. The message must be sent “letter perfect”. There is NO room for error. You have two choices:

1. - You call a ham radio friend and ask him for help. He gets on a local repeater and says that all available hams are to report to the county EOC. Within minutes three licensed hams arrive. When you ask to send the emergency traffic, all you get is three blank stares. One of them starts calling for help on the repeater. Several hams answer and ask what is happening. But none of them know how to format and forward formal (message) traffic.
2. - A trained and skilled EMCOMM operator is already at the EOC. She carries a HT, and has a VHF mobile transceiver in the parking lot. She tells you that a local emcomm net has already been activated and is in contact with a regional net. The operator quickly formats a formal message and within minutes transmits it to an Official Emergency Station for relay. Within 30 minutes the blood is aboard a State Police helicopter and it arrives in about 2 hours.

Which EMCOMM team would YOU choose?



W3OI
Lehigh Valley Amateur
Radio Club

HAMFEST REPEATER FUNDRAISER

**LVARC WILL BE PARTICIPATING IN THE
FLEMINGTON, N.J. HAMFEST ON MARCH 11, 2006**

**WE WILL BE COLLECTING SALE ITEMS FOR OUR
CLUB'S TABLE.**

**YOU MY BRING YOUR CONTRIBUTIONS TO THE
CLUB MEETINGS OR TO THE DINNER MEETING ON
2/21. ALL ITEMS MUST BE RECEIVED BEFORE 3/8/06.**

**ALL PROCEEDS FROM THIS SALE WILL GO TO
THE 135 REPEATER FUND**

***ANY QUESTIONS? PLEASE CONTACT
FRANK (W3FTU) OR TOM (K3ARI)***