

# LEYDEN RIFLE CLUB NEWSLETTER

Leyden, Massachusetts

Affiliated with the National Rifle Association &  
the Civilian Marksmanship Program

- ✓ **What a summer!** Tornado's, earthquakes, hurricanes, multiple +90° heat waves, and we're tardy with our newsletter. (Can all this be blamed on 'global warming'?)
- ✓ **The LRC 2011 Annual Meeting** will be held Sunday, October 23<sup>rd</sup> at 2:00 PM at the Club house. Aside from the normal Club business, we are planning to have a guest speaker at this meeting. Also, remember there will be a Work Bee that morning at the Club house to rake leaves and to clean up the grounds. A lunch will be served to all those who help at the meeting's Work Bee.
- ✓ **The Fall Work Bee was held** at the outdoor range on Saturday AM, September 10<sup>th</sup>, for mowing grass, weed-whacking, and filling in potholes along the rifle range road. Many thanks to the members who helped that day: Elwin B., Eric G., Bob T, Joe S., and especially to **Walt T.** for bringing his John Deere tractor to make light work in repairing the range road. (*"Nothing runs like a Deere, eh Walt?"*) All-in-all, it was a very successful Work Bee; our rifle range looks great.
- ✓ **The 'gang that could shoot straight'** was definitely at one of our rifle matches on Sunday, June 5<sup>th</sup>. There were 9 LRC members who participated in a normal high-power rifle shoot that day. When the match ended, their aggregate scores (out of possible 500) for the 9 shooters ranged from 432-4X to 2 shooters with identical high scores of exactly 463-7X! Just outstanding shooting by all that day.

By the way, the Club is *always* looking for more LRC members to come on out to shoot at our scheduled high power rifle matches.

- ✓ **Reminder: 'Appleseed' weekend shoots** will be coming to LRC on Saturday & Sunday, September 24<sup>th</sup> & 25<sup>th</sup> and also on Saturday & Sunday, November 5<sup>th</sup> & 6<sup>th</sup>. If interested in attending and learning about 'Appleseed', please call Eric @ (413)625-8203 for more information.
- ✓ **Did you know?** It's a little known fact which may startle you (and possibly experienced gunsmiths) that your rifle barrel wears out in a matter of seconds. The useful life of a typical match barrel, in terms of actual bullet-in-barrel time, is only a few seconds. How can that be? Well you need to look at the actual time that bullets spend traveling through the bore during the barrel's useful life. If a bullet's speed is at 3,000 feet-per-second (fps), it will pass through a 24 inch (2-foot) barrel in approximately 1/1500<sup>th</sup> of a second. If you have a useful barrel life of 3,000 rounds that would translate to about 2 seconds of actual bullet-in-barrel operating time. But it's not that simple: a bullet starts at 0 fps velocity and then accelerates as it passes through the barrel so the bullet's average velocity is not the same as a constant 3,000 fps muzzle velocity. So how long does a center fire bullet (with a 3,000 fps muzzle velocity) typically stay in the bore? The answer is about .002 seconds. So if a bullet spends .002 seconds barrel-time during each shot and say you get 3000 rounds of accurate barrel life, how much actual total firing time does the barrel provide before it loses accuracy? It's simple: 3,000 rounds X .002 seconds per round = 6 seconds!
- ✓ **Our 2011 LRC Christmas Party** is *tentatively* scheduled for Saturday, December 3<sup>rd</sup>. It will be held only if there are sufficient LRC members (and their spouses and such) who truly want to attend. If you are definitely interested and serious about attending, please call Elwin @ (413)773-3548 and let him know. Don't wait: call him *now* or *at your earliest convenience*.

## 2011 Officers:

**President**  
Eric Goodchild

**Vice President**  
Joe Sipitkowski

**Treasurer**  
Elwin Barton

**Recording Secretary**  
Mary Lou Barton  
(J. Healey – Alt.)

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**Range Maintenance Officer**  
Scott Healey

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**Newsletter**  
Joe Sipitkowski

- The LRC Officers and Directors

September 2011