

## Intro Shooting Long Range Steel (PRS style) – Session #2

**On October 30, 2022** Buffalo Creek Gun Club is offering an introduction to Precision Long Range Steel Shooting (Precision Rifle Series, or “PRS” Style) at BCGCs Jim Starr Long Range. The event is for those who already shoot long range and want to become more effective in a competition setting. Specific approaches around stage navigation, understanding misses, and learning competitive tactics will also be covered. To sign up, contact John Harms at [john.harms@me.com](mailto:john.harms@me.com) or 303.330.2482 (or sign up through Member Planet). **Event is open to BCGC Members and Non-Members.**

This second event will again be hosted by BCGC members Eric Brody, a long-time PRS competitor and match director; and John Harms, a long-time PRS 22 competitor. Both Eric and John desire to create a 2023 PRS style LR Steel league within BCGC for both members and guests, and generally help novice shooters become more proficient in long range precision shooting.

**The event is free of charge and is limited to 10 NEW participants with any degree of long range shooting experience.** Alumni from Session #1 are welcome to join in addition to the 10 shooter limit for Session #2. Round count for the day is unlimited, but plan to shoot at least 75-100 rounds.

**Topics:** Match safety, external ballistics, weather, ranging/DOPE application, positional shooting from ~385 yards to ~685 yards

**Times:** **Meet at the BCGC Short Range**  
7:00-8:30am – Capturing muzzle velocities and verifying rifle zero – **Those with confirmed ZERO and MV please join us at 9a below.**

### **BCGC Jim Starr Long Range**

9:00-10:00am – Safety procedures, external ballistics and application, wind reading, match formats, etc.

10:30-~2:00pm – Positional shooting with single and multiple target engagements

### **Required Equipment:**

- Semiautomatic or bolt action rifle chambered in any short action caliber (velocity under 3,100 fps) w/magnified scope with adjustable elevation and windage turrets (MOA or MIL), capable of shooting 1 MOA or better (**a hunting scope with fixed turrets will not work for the shooter at this event**). Muzzle may have a brake, flash hider, or suppressor.
- Detachable box magazine is preferred, but not required – without a DBM, you will be handicapped, and it won't be much fun
- Chamber flag (and a spare) or brightly colored zip tie (if using a zip tie, please bring extras)
- 75 to 100 rounds (more if you wish to shoot more)
- Ammunition ballistic data, if known
  - Bullet weight (even if from the factory ammo box)
  - Bullet BC (ballistic coefficient, can be found on factory box)
  - Muzzle velocity (even if from the factory ammo box)
  - Scope over bore height
  - Barrel twist rate
- Bipod, backpack, or small front rest (not any sort of lead sled or bench rest – it's too heavy and you will be moving it a lot)
- Rear shooting bag (sand sock or other)
- Phone or SMALL tablet w/Ballistic Calculator – **MUST BE DOWNLOADED AND INSTALLED** – Please be familiar with it too
- 2 Pens & small notebook
- Eye and ear protection

### **Additional/Ideal Equipment**

- Tripod with ball- or leveling-head
- Kestrel weather meter/ballistic calculator
- Support bags such as gamechanger, fortune cookie, pump pillow, etc.
- Spotting scope or binoculars (tripod mounted)
- Shooting mat
- Sling
- Knee pad(s)
- Electronic hearing protection (much easier to understand commands/instruction)

Participants **must** download/purchase and install a ballistic calculator on their “smart phone” or SMALL tablet. Many ballistic calculators are free or low cost to purchase – e.g. (Apple App Store): Shooter, BallisticsARC, TRASOL & Hornady are a few – look for them, evaluate which one you personally like better, download and begin to familiarize yourself. Instructional videos can be found on YouTube for most apps.