

100 / 200 Yard Rimfire Benchrest Match Rules

Revised 08/07/2026

I. Preamble:

The goal of the 100 / 200 Yard Rimfire Benchrest Match is to support the continued growth of the WCW community of Rimfire shooters, by providing a safe and fun environment to practice long range Rimfire shooting and to experiment with different Rimfire rifles, modifications, and accessories.

II. Match Overview:

1. The Match is a 100 / 200 yard competition for scoped .22 caliber rimfire rifles.
2. There are no restrictions on the rifle and benchrest setup except that a 24X or higher magnification scope must be used as well as unmodified OEM 22LR ammunition.
3. The Match will be held on the second Saturday of alternating months starting in April. This may change due to scheduling conflicts with other events. Check the WCW Range calendar to confirm Match dates.
4. Club membership is not required to participate.
5. An entry fee of five (5) dollars will be charged that goes to the range.
6. There will be an optional one shot “Buck-a-Shot” contest for one (1) dollar for those who wish to participate.
7. If you are interested in participating in the Match please contact the Match Director – Keith Wilson knjcwilson@msn.com

III. Match Operational Details:

1. The Cast Bullet target will be used at 100 yards. Four (4) rounds will be shot into each of the five (5) bulls for score. Competitors will be given 20 minutes to complete the target, this includes time for unlimited shots into the sighter bull.
2. After completing the 100 yard target a short break will be taken to ensure that **all Competitors are “on paper” and have demonstrated proficiency shooting at the 100 yard target and have the necessary dial up (18 MOA or 5 MILS) before proceeding to the 200 yard target.**
3. If a Competitor does not demonstrate proficiency in shooting the 100 yard target or their scope does NOT have enough remaining dialup, they will **NOT** be allowed to shoot at 200 yards and their entry fee will be refunded. A Competitor may request that another target be hung at 100 yards for practice if they are not allowed to shoot at 200 yards. In this case their entry fee will not be refunded.
4. The IBS 300 yard target will be shot for score at 200 yards. 10 rounds will be shot into each of the two (2) bulls for score. A Cast Bullet target for sighting will be hung next to the IBS target. Competitors will be given 25 minutes for unlimited sighters and completing the IBS target for score.
5. The targets at 200 yards will be hung such that the bottom of both the Target & Sighter Target are no higher than 4 inches off the ground.
6. The time required from the start of check in through clean up and reporting of scores will take less than two hours.
7. 40 rounds are required for shooting both the 100 and 200 yard targets for score with additional rounds required for sighters. A minimum of 30 additional rounds for sighters is recommended.
8. **It is highly recommended that a Competitor’s rifle be sighted in prior to the Match at either 50 or 100 yards preferably with the same ammo that will be shot in the Match.**
9. The “Best Edge Scoring” method will be used which is based on where the bullet touches the inner ring.
10. If a Competitor shoots a bull more than the required number of shots as outlined in paragraphs (1) & (4) above, then the appropriate lowest scored shots will count for score.

11. If a Competitor determines that they or another Competitor has accidentally shot the wrong target, they should immediately inform the Range Master who is running the match.
12. Targets will be scored using a 22LR scoring plug with a maximum diameter of 0.2240. The ARA scoring plug is recommended and can be purchased at Killoughshootingsports.com.
13. Magnifying glasses will be used for assisting in scoring the target. A lighted 10X Jewelers Magnifier is highly recommended for close shots.
14. Competitors will score their own targets and have another competitor assist when necessary.
15. If you wish to talk to others while Competitors are still shooting, please go outside of the Range 1 building to do so.
 - a. If a Minor Competitor requires assistance during the Match, then the supervising Adult in attendance with them is allowed to talk in "hushed tones" to address the situation.
16. **No cleanup** is allowed until all Competitors have completed shooting their targets.
17. Rifles shall only be **cased after the Match is completed, and targets have been pulled.**
18. Competitors are responsible for setting up the range for the Match and then restoring the range to its standard configuration.
19. All Competitors must sign a waiver indicating they agree to allow usage of their name in written communications about the Match. This will include, but not limited to, the Match summary published in the Range Newsletter, and any detail summaries of the Match sent out to the Competitors. Competitors will be given the option of using a two (2) letter alias instead of their names. If a Competitor has already signed the waiver at the Kenmore Rimfire Benchrest 50 yard match they do not need to sign it again.
20. No videos or photos of Competitors shall be taken during a Match. Competitors who wish to take videos or photos of their personal equipment or the range must obtain prior approval of the Match Director.

IV. Prone Shooting:

1. Starting in 2023 the WCW Board approved fully supported prone shooting as part of the 100 / 200 yard Benchrest match with the following requirements:
 - a. Prone Competitors **must demonstrate proficiency shooting at the 100 yard target and have the necessary dial up (18 MOA or 5 MILS), before proceeding to the 200 yard target.**
 - b. The rifle must be fully supported. i.e. Rear bag & front bipod required. No prone sling or off-hand shooting allowed.
2. Prone shooting will follow all Match Safety (Article V), Match Operational Details (Article III), and Equipment Details (Article VI) outlined in these rules.
3. Benchrest Competitors will have 1st priority at the match. Due to the reduced number of Bench Competitors allowed (12) if at least one person is shooting prone, an advanced signup process will be used.
 - a. The invitation e-mail for the Match will be sent out at least 7 calendar days before the Match. A deadline for advanced signup will be stipulated in the invitation e-mail. If 13 or more Competitors sign up to shoot from the bench prior to the deadline, then prone shooting will not be offered. Competitors who signed up to shoot prone will be offered the opportunity to switch to bench shooting. However, if 12 or less Competitors are signed up to shoot from the bench by the deadline, then the prone Competitors who signed up in advance will be notified that prone shooting is a go for the Match.
 - b. Competitors may still sign up after the deadline, including the day of the Match, but the availability to shoot from the bench or prone will have been set by the number of Competitors who signed up by the deadline for advanced signup.

V. Match Safety Details:

1. WCW Range Safety rules will apply to this Match.
2. A Safety briefing will be held at the beginning of the Match. <See Attachment A>.
3. Chamber safety flags are required.
4. Eye and ear protection are required.

VI. Equipment:

1. Rifle:
 - a. Any 22 caliber rimfire rifle can be used. If there is a safety concern with the rifle, the Match Director may remove the rifle from the Match at their discretion.
 - b. Barrel tuners, noise suppressors, muzzle brakes are acceptable and there are no rifle weight restrictions.
 - c. There is no minimum trigger weight requirement. However, a rifle must not discharge upon an aggressive bolt closure, or a vertical stock bump test.
2. Scope:
 - a. A rifle scope of 24X power or higher is required. However, a 32X power scope or higher is recommended.
 - b. A spotting scope of 60X power or higher is also highly recommended**
3. Rests:
 - a. Any type of Front or Rear rests can be used. One piece rests are also acceptable.
 - b. Rests may temporally be attached to the bench to restrict their movement as long as the benches are not damaged after removal.
4. Ammunition:
 - a. Any brand of factory produced 22 caliber Long Rifle ammunition may be used and will consist of the original unaltered factory cartridge case, powder, and projectile.
 - b. Spotters are allowed for support in sighting the rifle during the Match.
 - c. Target hangers are allowed at 100 yards.
5. Wind Flags:
 - a. Competitors are allowed to bring additional wind flags or devices to assist them in determining the direction and speed of the wind.
 - b. If a Competitors wind flag is in the line of fire of another Competitor, it will be relocated.
 - c. The Match will provide wind flags at approximately 60 and 150 yards for all Competitors to use.

VII. Entry Fee & Prize Money:

1. The entry fee is five dollars (\$5) which goes to the Kenmore Range to pay for the targets.
2. An optional one shot "Buck-a-Shot" contest will be held for one (1) dollar with the winner taking the pot. The contest will use the 200 yard sighter bull on the Cast Bullet Target. The closest to the center of the target wins. The Match Director will have solo responsibility and final say on the winner. If more than one round is touching the sighter bull, then the entry is ineligible to win. Competitors must sign up prior to the start of the Match to participate in this contest.

VIII. Match Director Responsibilities:

1. The Match Director is responsible for the safe and efficient operation of the Match, and the proper conduct of all Competitors and spectators. Instructions from the Match Director shall be complied with by all persons on the range. The Match Director's behavior and decisions must be characterized by absolute impartiality, firmness, courtesy, and complete awareness.
2. The Match Director shall ensure all Competitors are adhering to the WCW Range safety rules.
3. The Match Director shall be responsible for:
 - a. Ensuring that the Match adheres to the approved Exception plan ([Rimfire Match Rules – WCW Range \(wcwshootingsports.org\)](http://wcwshootingsports.org)) for shooting rimfire rifles at 200 yards required as part of the approval by the WCW Board to hold the match.
 - b. Conducting the Match in accordance with the rules set forth herein.
 - c. Appointing assistant(s) the day of the Match to help perform any or all of their responsibilities.
 - d. Making decisions the day of the Match necessary to successfully complete the Match.

- e. Checking in Competitors and assigning them to a Bench; and to a Relay if multiple Relays are required.
- f. Performing the safety briefing at each relay and the start / stop of the Match.
- g. Supporting scoring of the targets and settling any disputed target scores.
- h. Collecting Match fees, running the “Buck-a-Shot” contest, and paying the target fee expenses to the range office on the day of the Match.
- i. Submitting a monthly Match report for the Range newsletter.

IX. Guidelines for Range Members Shooting Concurrent with the Match:

1. Per Page 25 of The Wildlife Committee of Washington “Policy / New Member Orientation Manual”, Revised May 5, 2023:
 - a. Rife Range Use Rules: Matches and Events - Matches and scheduled events have priority on Range #1. Members with special use endorsement may use Range #1 **during an event if there are available shooting benches**. Members will use Range #1 during an event **under the direction of the event coordinator or match director**. Members will use the range in such a way as **to not hinder the conduct of the event**.
2. In support of this WCW policy the Rimfire Benchrest Match has established the following guidelines that shall be followed by any member with a rifle special use endorsement that wishes to practice (shoot) concurrently during a Rimfire Match Relay.
 - a. They shall follow the direction of the Match Director.
 - b. They may only shoot 22LR rifles as not to disrupt Competitors shooting the Match.
 - c. They will be assigned a bench after all Competitors that are preregistered for the Match have had the opportunity to check in during the scheduled check in period.
 - d. There will be NO entry fee charged as they are simply practicing concurrently on Range #1 with the Match.
 - e. They shall participate / listen to the Safety briefing and will follow all Match rules discussed associated with noise and cleanup.
 - f. They shall provide their own targets & their own target boards / backers.
 - g. Their scores will not be recorded or published as they were not competing in the Match.
 - h. If needed for headcount purposes that will be referred to simply as Range Members.
3. If the Range Member cannot follow or adhere to the guidelines outlined in Item 2 of Article X listed above, then the Match Director will ask the Member to leave the Match and will report the issue to the Rifle Committee Chairman.

Attachment A

100 /200 Yard Rimfire Benchrest Match Safety Briefing

- Ear and Eye protections must be worn whenever the range is hot.
- When instructed: Rifles will be uncased or cased ONLY on the firing line benches with the barrel pointed downrange. The barrel may be pointed up to install a bipod.
- After uncasing your rifle, you will immediately make the rifle **SAFE**.
- **SAFE** means: Open the rifle bolt, remove the magazine, and insert a chamber flag.
- A rifle must be **SAFE** and the barrel pointed up when moving it to and from a rack.
- Before you leave your bench for any reason, or if a Cease Fire is called, immediately make your rifle safe. In the case of a Cease Fire, remain at your bench unless otherwise instructed
- A Cease Fire may be called by anyone observing an unsafe condition or situation.
- Unsafe conditions may include large animals on the range, detached targets, or target boards that have fallen down.
- The clock will be stopped, and time will be adjusted as appropriate.
- Do not call a Cease Fire for an equipment issue, or for non-Safety reasons.
- If in doubt call a Cease Fire – Safety First.
- If you have an issue or question during the Match, or are unable to get your shot on paper please contact the Range Master or the Match Director.
- There shall be no casing of rifles, removal of gear, or cleaning up of brass until the Match is over and the Range is Reset.
- There will be No Talking on the Range or in the grassy area behind the benches while Competitors are shooting as not to distract them. Please leave the Range to hold conversations.
- If you leave the Range, please stay close by. As soon as all Competitors are finished shooting, targets will be pulled.
- When the bell is on the range is cold. So please **DO NOT**: Step into the red zone, Place anything on or remove anything from a bench.
- If you are using a rest that has points on the bottom of the feet, you must have something between the points and the concrete bench top to protect the bench from damage.
- **NO PRACTICING** at 200 yards with rimfire rifles is allowed at the WCW Range.

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Attachment B

100 /200 Yard Rimfire Match: Course of Fire Briefing

- Time to shoot sighters and target for score: 100 yards – 20 min. & 200 yards – 25 min.
- 100 yard target has 5 bulls with 4 shots each for score (20 shots – max score 200 points) and 1 sighter bull with unlimited sighters. No Xs.
- 200 yard target has 2 bulls top and bottom with 10 shots for score (20 shots – max score 200 points). Plus, a separate sighter target with unlimited sighters. Both pre-hung.
- If you shoot an extra round into a bull the highest scoring shot will be removed.
- “1 shot target” at 200 yards will be the sighter bull on the sighter target and will be clearly marked. Smaller rings will be used for scoring. If there is more than 1 shot on the “1 shot target” bull, then the worse score will be used.
- Time will be provided between the 100 & 200 yard targets to get set up and dialed in at 200 yards.
- You may NOT start shooting at 200 yards until told to do so.
- Prior to shooting at 200 yards the Range Master will verify that all Competitors are on target at 100 yards and have demonstrated proficiency (majority of rounds within the 6 or 7 ring). The Range Master will also verify that all Competitors have the necessary dial up to go from 100 to 200 yards (18 MOA or 5 MILS).
- In case of a cross fire talk to your neighbor and try to agree on the offending shot(s). If there is still an issue please see the Match Director or Range Master.
- After we are finished shooting, we will restore the range and pickup. Get someone to bring back all the targets at 100 yards. The 200 yard targets will be removed when the boards are back. We will score, report scores, payout and then cleanup.

Revision History

- 03/30/22: Original Document released March 30, 2022
- 04/25/22: Revised Article III. (Match Operational Details) – Item 2 to read **all Competitors are “on paper” and have demonstrated proficiency shooting at the 100 yard target and....**
- 04/25/22: Revised Article III. (Match Operational Details) – Item 3 by adding the sentence: A Competitor may request that another target be hung at 100 yards for practice if they are not allowed to shoot at 200 yards. In this case their entry fee will not be refunded.
- 04/25/22: Revised Article III. (Match Operational Details) – By inserting the following as Item 5 and shifting all existing item down one number. The new Item 5 reads: The targets at 200 yards will be hung such that the bottom of the targets (Match & Sighter) are no higher than 4 inches off the ground.
- 04/25/22: Revised Article IX. (Match Director Responsibility) – Item 3 by inserting the following as Element “a” and shifting all existing Elements down one letter. The new Element “a” reads: Ensuring that the Match adheres to the approved Exception plan ([Rimfire Match Rules – Kenmore Shooting Range \(wcwshootingsports.org\)](https://wcwshootingsports.org)) for shooting rimfire rifles at 200 yards required as part of the approval by the Kenmore Board to hold the match.
- 04/25/22: Revised Attachment A (Safety Briefing) – Added last bullet point that **NO PRACTICING at 200 yards with rimfire rifles is allowed between Matches.**
- 05/19/22: Revised Attachment A (Safety Briefing) – Added last bullet that Competitors must demonstrate proficiency at 100 yards and have the necessary dial up to shoot at 200 yards.
- 03/19/24: Added Article IV. (Prone Shooting) and renumbered all other Articles.
- 03/19/24: Added Article IX. (Guidelines for Range Members Shooting Concurrent with the Match).
- 03/19/24: Added Attachment B: 100 /200 Yard Rimfire Match: Course of Fire Briefing.
- 06/22/26: Update Attachment A: Safety Briefing and Attachment B: Course of Fire Briefing.
- 08/07/26 Updated Appendix A: Safety Briefing to reflect new WCW Range Rules on uncasing, casing and moving rifles to and from the rifle racks. Bullet points 2 through 5 were revised.