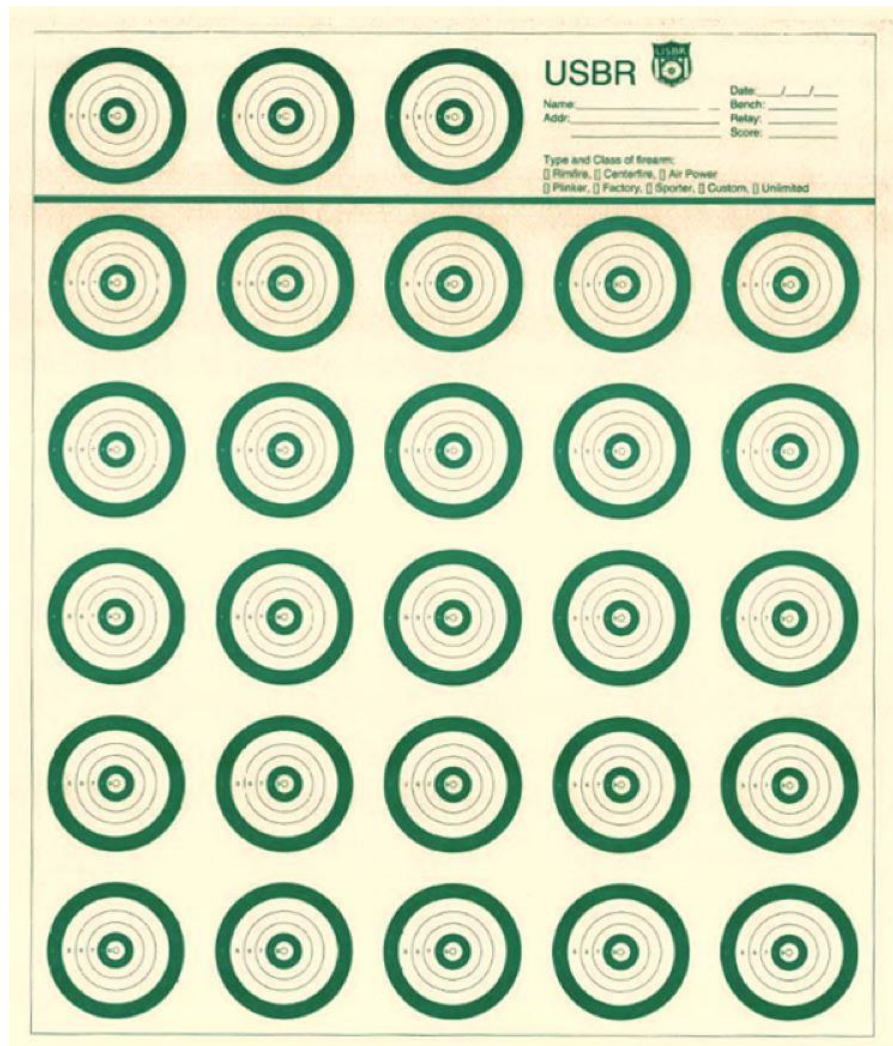


# Kenmore Rimfire Benchrest Match Rules

12/30/2021: Approved Update



*"The Green Monster"*

## I. Preamble:

The goal of the Kenmore Rimfire Benchrest Match is to provide a safe and fun environment that will challenge the experienced Competitor, engage the new Competitor to help them improve their skills, and grow the Sport of Rimfire Benchrest shooting.

## II. Match Overview:

1. The Match is a Benchrest competition for scoped .22 caliber rimfire rifles using the U.S. Benchrest (USBR) target.
2. Competitors will be placed into one of three Divisions based on their scoring capabilities.
3. Prize money will be awarded monthly to the top Competitor(s) in each Division, up to four places.
4. The Match will be held on the first Saturday of each month, but this can change due to schedule conflicts with other events. Check the Kenmore Range calendar for date changes.
5. Club membership is not required to participate.
6. If you are interested in participating in the Match please contact the Match Director – Matt Daly [matt5404@frontier.com](mailto:matt5404@frontier.com)

### III. Match Operational Details:

1. Two USBR 50 Yard targets consisting of twenty five (25) bulls will be shot back to back in 45 minutes. This includes time for shooting the sighter bulls.
2. 50 rounds are required for shooting two targets with additional rounds recommended for sighters.
3. **It is highly recommended that a Competitor's rifle be pre-sighted in at 50 yards preferably with the same ammo that will be shot in the Match.**
4. Targets will be marked as #1 & #2 and will be hung next to each other under your bench number with target #1 on the left.
5. Relays will last for approximately two and one half (2 ½) hours from the beginning of relay check in. Relay start times will be assigned by the Match Director.
6. Ten points are awarded for hitting the center target ring, and then a descending number of points in each of the six outer rings. Eliminating the ten ring is designated as an "X" and will be used for tie breakers.
7. The "Best Edge Scoring" method will be used which is based on where the bullet touches the inner ring. Scoring instructions can be found in Appendix A.
8. If a Competitor shoots a single bull twice, then the lower score of the two shots will be counted for score.
9. If a Competitor determines that they, or another Competitor has accidentally shot the wrong target they should immediately inform the individual or Range Master who is running the Relay.
10. Targets will be scored using the ARA scoring plug. The ARA scoring plug can be purchased at [Killoughshootingsports.com](http://Killoughshootingsports.com) or at the Match.
11. Magnifying glasses will be used for assisting in scoring the target. A lighted 10X Jewelers Magnifier is highly recommended.
12. Competitors will score their own targets and each target must also be checked and initialed or signed by another Competitor.
13. **No talking** is allowed inside of the Range 1 building, which includes the grassy area behind the benches, until the Match is completed.
  - 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. The supervising Adult is not to provide instructional support during the match to help the Minor Competitor improve their performance.
14. **No cleanup** is allowed until the Match is completed.
15. Rifles shall only be **cased after the Match is completed, and targets have been pulled.**
16. The first Relay will setup the range for the Match. The last Relay of the Match will cleanup, and will than restore the range to its standard configuration.
17. 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 be limited to: the Match summary published in the Range Newsletter, the monthly Match scores posted on the Range Website, 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. First time Competitors will be asked to sign the waiver after shooting their first Match.
18. 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. Match Safety Details:

1. Kenmore Range Safety rules will apply to this Match. <See link on Range Website for details>.
2. A Safety briefing will be held at the beginning of each Relay. <See Attachment C for copy>.
3. Chamber safety flags are required.
4. Eye and ear protection are required.

## V. Equipment:

1. Rifle:
  - a. Any .22 caliber rifle can be used.
  - b. Barrel tuners, noise suppressors, muzzle brakes, or any device attached to the barrel by the Competitor that could change the harmonics of the barrel are prohibited.
  - c. Screw on thread protectors for threaded barrels are acceptable.
  - d. 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 9X power or higher is required. However, a 32X power scope or higher is recommended.
3. Rests:
  - a. Front rests shall be any type of bipod.
  - b. If a Competitor does not bring a bipod, the Match Director can provide one of the Kenmore Range wooden frame rests and sandbags to use.
  - c. The bipod shall not be impeded from freely moving in any direction by any device or item designed to hold or resist the free moment of the bipod.
  - d. A benchrest style rear bag **must** be used. Sandbags are also available at the range to use if needed.
  - e. The bipod and rear bag shall not be connected in manner that they move together and stay in alignment.
  - f. Towels, boards, and other materials lying on top of the bench, but under and separate from the front and rear bag are acceptable
  - g. Clamps cannot be used to secure the rifle, bipod, or rear bag to the bench.
4. Ammunition:
  - a. Any brand of factory loaded .22 caliber Long Rifle ammunition may be used and will consist of the original unaltered factory cartridge case, powder, and projectile.
5. Other:
  - a. **When a Competitor is contemplating customization of their rifle, rests, or other equipment it is recommended that they review their ideas with the members of the Rules Committee. Customization encompasses modification of OEM and personally made or designed equipment.**
  - b. Spotters are not allowed, including for support in sighting the rifle during the Match.
  - c. Target hangers are not allowed.

## VI. Divisions:

1. Competitors will be divided into three Divisions: Marksman, Sharp Shooter, and Expert. The objective is to have Competitors in each Division posting scores that are competitive within their Division in order to encourage, and foster skill development by giving everyone a realistic opportunity to be competitive.
2. If a Competitor begins posting scores that are consistent with those in the next higher Division, then the Match Director will evaluate promoting them to the next Division based upon the following:
  - a. A Marksman Division Competitor whose average score is greater than a **227** on four consecutive scored targets in that Division will be promoted to the Sharp Shooter Division.
  - b. A Sharp Shooter Division Competitor whose average score is greater than a **237** on four consecutive scored targets in that Division will be promoted to the Expert Division
3. The Match Director shall make the initial decision on Division placement of all new Competitors based upon an assessment of their equipment and any previous benchrest history. If a Competitor makes a significant equipment change, they should notify the Match Director who will assess the possibility for changing a Competitor's Division
4. A Competitor may request that they be placed in a Division higher than their scoring average would have otherwise placed them.

5. If a Competitor is regularly shooting scores consistent with the average score in a lower Division, then the Competitor may request to be reassigned to a lower Division.
6. If a Competitor disagrees with their placement in a specific Division by the Match Director, then they may appeal to the Kenmore Rimfire Rules Committee.
7. At the end of each season, a yearly summary will be posted for all Competitors based upon the Division they were assigned to in the month of December.

## **VII. Entry Fee & Prize Money:**

1. The entry fee is ten dollars (\$10). Two dollars (\$2) pays for the targets, and the remaining eight dollars (\$8) is returned in prize money to the Competitors.
2. Prize money will be awarded for each target based upon the payout schedule in Attachment B.
3. Prize money will be allocated by Division. If more than one Division is shooting within a Relay, then the prize money for each individual Division will be based upon the number of Competitors in each of those Division competing in that relay.
4. A target shall be checked and signed or initialed, by another Competitor in order to be eligible for prize money. Any errors in calculating the score of a target found after the prize money is awarded will not change the prize money distribution.
5. If there is only a single Competitor in a relay for a given Division, then only the two dollars (\$2) target fee will be applicable.
6. The targets shall be labeled #1 and #2, and shall be hung with the number #1 target on the left, and shall be shot first. If a Competitor shoots their target in the wrong order, they shall bring this to the attention of the Match Director.
7. After completing their targets for score, a Competitor may shoot two additional targets in a following Relay that will not count for score or prize money for a two dollar (\$2) target fee if space is available using the same rifle. A Competitor may compete for score & prize money with a second rifle that places them in a different Division.

## **VIII. Season Championship**

1. The Season Championship will consist of 12 monthly Matches starting in January. Two targets per Match will be shot for a maximum total of 24 targets in the season. A maximum of two targets can be shot by a Competitor for score in any single Division per Match.
2. To be eligible for the Season Championship a Competitor must shoot a minimum of 16 targets. The 16 highest scored targets from each of the Competitors will be used to decide the Season Champions. Using 16 of the possible 24 targets in a season allows each Competitor to miss four months (8 targets) for any reason, and still be in the running for the Season Championship.
3. The Competitors with the top three highest total scores for the season will have their name, score, and rifle make added to the Championship plaque. The total X count of the top 16 scores will be used for the purposes of a tie breaker.
4. Season Championship scores will not be changed if an error is found on a target after the monthly prize money has been awarded

## **IX. Rules Update and Dispute Resolution:**

1. A three member Rules Committee will be established to periodically review and update the Kenmore Rimfire Benchrest Match rules, support resolution of issues or disputes raised by the Competitors.
2. The committee shall consist of the Match Director and two Competitors who are currently shooting in Kenmore Rimfire Benchrest Match, and shall meet the following criteria:
  - a. Members of the Kenmore Range.
  - b. Participated in a minimum of six Kenmore Rimfire Benchrest Matches.

3. Process for selecting the two Rules Committee Members is as follows:
  - a. They will be selected by a secret vote of all the Competitors attending the December Kenmore Rimfire Benchrest Match.
  - b. They will serve a two year term on the Rules Committee with no limits on consecutive or total number of terms that can be served.
  - c. In order to stagger the terms of the elected Rules Committee members such that a new member is elected every year the following process will be used for the initial election of the two Rules Committee members.
    - i. The member receiving the highest number of votes will have an initial two year term.
    - ii. The member receiving the second highest number of votes will have an initial one year term.
  - d. In case of a tie, then a runoff election of just the tied candidates will be held.
  - e. Range members may self-nominate themselves for the Rules Committee Positions.
  - f. The Match Director is responsible for facilitating a request for candidates, running the election, and reporting the results.
  - g. If a Rules Committee member steps down, or stops shooting, the Match the Match Director will hold a special election to vote on a new Rules Committee member to fill the remaining term of the individual who left.
4. Suggestions or ideas for improvements to the Kenmore Rimfire Benchrest Match Rules shall be submitted in writing to the Match Director.
5. The following process shall be followed for revising the rules set forth herein:
  - a. The Match Director shall review all proposed rule changes with the Rules Committee for consideration which shall be submitted in writing to the Match Director.
  - b. A formal response on the status of the proposed rule change after review by the Rules Committee shall be provided to the individual who made the submittal.
  - c. Any revisions to the Kenmore Rimfire Benchrest Match Rules being considered by the Rules Committee shall first be sent to all Competitors for review and comment. The comment period shall be set by the Rules Committee and will last at least seven (7) to a maximum of thirty (30) days in duration.
  - d. After the comment period is closed, the Rules Committee shall evaluate the comments and make changes as appropriate. If any one of the three committee members feel the changes are substantial in nature, and require an additional review by the Competitors, then the revised wording for the proposed rules update will be sent out for comment per paragraph c. above.
  - e. Upon finalization of the wording for the proposed update to the rules, the Rules Committee may:
    - i. Incorporate the rule update directly into the rules based upon agreement of all three Rules Committee members. This would typically be for minor type changes.
    - ii. If any one of the Rule Committee members believes that a vote of the Competitors is required, then a vote will be held at the next monthly Match on the proposed rule change, which will be sent to the Competitors in advance of the Match. The vote will be by secret ballot and will require a greater than 50% acceptance of all votes cast. The Match Director will be responsible for communicating the proposed rule change and running the vote of the Competitors.
6. The Match Director's final ruling made of the day of the Match shall stand.
7. Any disputes related to clarification or interpretation of the rules shall be submitted in writing to the Match Director who shall review it with the Rules Committee. A formal response to the individual who made the submittal shall be provided.
8. If the Rules Committee cannot reach a consensus on any item under discussion, whether it be a rule related issue, or the resolution of a dispute, then a two to one majority will be used for making a decision, unless otherwise defined within the Kenmore Rimfire Benchrest Match rules.
9. If a dispute involves a Rules Committee member, then a temporary member will be selected to participate in the review and resolution of the dispute.
  - a. The temporary member shall be a current Competitor.
  - b. A willing temporary member will be selected by a majority vote the Rules Committee.

## **X. Match Director Responsibilities:**

1. The Match Director is responsible for the safe and efficient conduct of the entire Match. The Match Director is responsible for the efficient operation of the range, and the proper conduct of all Competitors and spectators. Instructions from the Match Director for the operation of the Match 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 Kenmore Range safety rules.
3. The Match Director shall be responsible for:
  - a. Conducting the Match in accordance with the rules set forth herein.
  - b. Appointing an assistant(s) the day of the Match to help perform any or all their responsibilities.
  - c. Making decisions the day of the Match necessary to successfully complete the Match.
  - d. Assigning Competitors to a Division, Relay and Bench
  - e. Performing the safety briefing at each relay and start / stopping the Match.
  - f. Supporting scoring of the targets and settling any disputed target scores.
  - g. Collecting Match fees, distributing prize money, and paying the target fee expenses to the range office on the day of the Match.
  - h. Responsible for recording Competitors Match scores, inputting them into the Kenmore Rimfire Match spread sheet, and submitting to the Range for posting on the website.
  - i. Shall submit a monthly Match report for the Range newsletter.
  - j. Is the point of contact for Competitors submitting in writing any proposed rule changes and requests for resolving disputes. The Match Director will then review the item with the Rules committee for consideration and resolution.
  - k. Responsible for supporting the election of the Rules Committee members.

# Scoring the USBR Target #1

Revised  
5/19/09

## Easy Shots To Score

No need to use a scoring gauge on these shots. None of them are close to the edge of the ring of next higher value.



Targets are twice normal size for clarity

## IREM Scoring Rules

1. It is recommended that everyone download this two page scoring graphic and print it out for reference.

2. Each person who scores targets must understand correct scoring with the scoring gauge. The gauge should be held by the handle when being pushed into the shot hole. The value of a shot should be determined before the scoring gauge is removed. If it is difficult to determine the value of a shot: (Old shooter - weak eyes) Use a magnifying glass.

3. You may score your own targets or have another person score them. They should be checked for mistakes. When you post your scores on RFC: At the end of your report indicate "Self Scored", or "Scored by: \_\_\_\_\_".

4. NEW shooters who are not sure of how to score, or do not yet have a scoring gauge, they may mail target(s) to their team captain, or to Joe Haller for scoring: Targets should be mailed at least 10 days before the end of the month.

## Scoring 10s and 10xs using the scoring gauge



If you see any green of the 10-ring peeking out from under the edge of the gauge, it is not a 10x.



The gauge covers all of the green ten ring on these these 3 targets. They all score a 10-x.

# Scoring the USBR Target #2

Revised  
4/8/11



## These are close shots

These shots are close to a scoring ring. Which ones touch the ring of higher value? You cannot be sure until you plug the shot with a scoring gauge. The holes could measure anywhere from .214" to .219", depending on bullet shape, lubricant, paper type and moisture in the paper. The .22 caliber scoring gauge measures .224". Shots that may look "out" could be "in".

Order online, or send Check or Money Order to:

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P.O. Box 1087  
Indian River, MI 49749

P: 231-238-6990

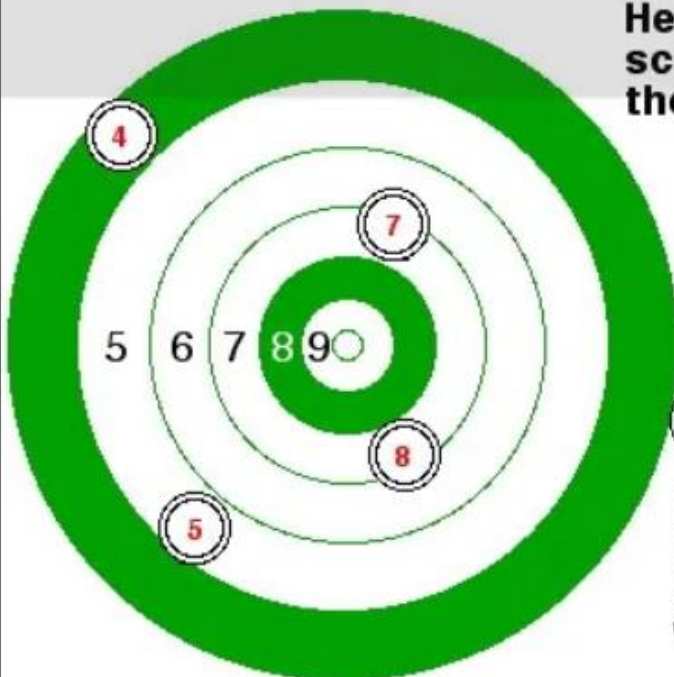
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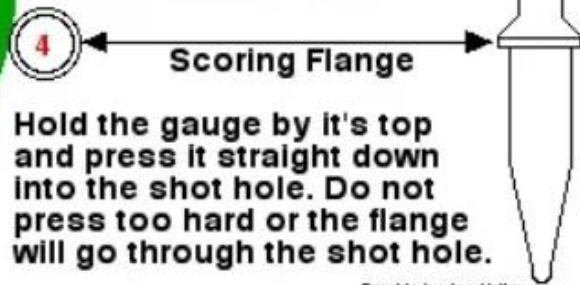
Targets are twice actual size for clarity.



## Here is the same target, with a scoring gauge placed in each of the shot holes.

Use the gauge on these shots

If the flange of the gauge touches a ring of higher value, you score the higher value. A magnifying glass held over the gauge will sometimes help.



Hold the gauge by its top and press it straight down into the shot hole. Do not press too hard or the flange will go through the shot hole.

Graphic by Joe Miller



**Attachment B**

## Kenmore Rimfire Benchrest Match Payouts

<b>Number of Competitors</b>	<b>1st Place</b>	<b>2nd Place</b>	<b>3rd Place</b>	<b>4th Place</b>
<b>2</b>	<b>\$8</b>			
<b>3</b>	<b>\$8</b>	<b>\$4</b>		
<b>4</b>	<b>\$9</b>	<b>\$5</b>	<b>\$2</b>	
<b>5</b>	<b>\$10</b>	<b>\$6</b>	<b>\$4</b>	
<b>6</b>	<b>\$12</b>	<b>\$7</b>	<b>\$5</b>	
<b>7</b>	<b>\$14</b>	<b>\$8</b>	<b>\$6</b>	
<b>8</b>	<b>\$15</b>	<b>\$10</b>	<b>\$7</b>	
<b>9</b>	<b>\$16</b>	<b>\$11</b>	<b>\$9</b>	
<b>10</b>	<b>\$18</b>	<b>\$12</b>	<b>\$10</b>	
<b>11</b>	<b>\$18</b>	<b>\$12</b>	<b>\$10</b>	<b>\$4</b>
<b>12</b>	<b>\$19</b>	<b>\$13</b>	<b>\$11</b>	<b>\$5</b>
<b>13</b>	<b>\$20</b>	<b>\$14</b>	<b>\$12</b>	<b>\$6</b>
<b>14</b>	<b>\$21</b>	<b>\$15</b>	<b>\$13</b>	<b>\$7</b>
<b>15</b>	<b>\$22</b>	<b>\$16</b>	<b>\$14</b>	<b>\$8</b>
<b>16</b>	<b>\$23</b>	<b>\$17</b>	<b>\$15</b>	<b>\$9</b>
<b>17</b>	<b>\$24</b>	<b>\$18</b>	<b>\$16</b>	<b>\$10</b>
<b>18</b>	<b>\$25</b>	<b>\$19</b>	<b>\$17</b>	<b>\$11</b>

## Attachment C

# Kenmore Rimfire Benchrest Safety Briefing

- Ear and Eye protections must be worn whenever the range is hot.
- Rifles will remain cased until instructed to uncase them.
- When uncasing your rifle, the barrel must be pointed down range.
- 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.
- You may point your rifle straight up when attaching or removing a bipod.
- Before you leave your bench for any reason, or if a Cease Fire is called, immediately make your rifle safe.
- A Cease Fire may be called by anyone observing an unsafe condition or situation.
- Unsafe conditions will also include: Large Animals on the range, detached targets, or target boards that have fallen down.
- The clock will be stopped, and time adjusted as necessary.
- When a Cease Fire is called make your rifle safe and remain at your bench unless otherwise instructed.
- 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, contact the Range Master for the Relay.
- There shall be no casing of rifles, removal of gear, or cleaning up of brass until the Match is over. At the end of the Match, you will be instructed when to pull targets, case your rifles and pick up your gear.
- There will be No Talking on the Range or in the grassy area behind the benches while Competitors are shooting. 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.

September 2021

## Revision History

- 04/03/21: Original Document Approved by Competitor vote at the April 2021 Rimfire Benchrest Match.
- 09/14/21: Added Revision History section. Administrative change approved unanimously by Rules Committee.
- 09/14/21: Added clarification to Article VI. (Divisions) - Item 2(a): .... targets “in that Division” .... Minor change approved unanimously by Rules Committee.
- 09/14/21: Added clarification to Article VI. (Divisions) - Item 2(b): .... targets “in that Division” .... Minor change approved unanimously by Rules Committee.
- 09/14/21: Added Item 13(a) to Article III. (Match Operational Details) to clarify that talking in “hushed tones” by the Adult supporting Minor Competitor is allowed. Sent to Competitors for comments on 6/24/21 and supportive comments received. Change approved unanimously by Rules Committee.
- 09/14/21: Added copy of Safety briefing as Attachment C. Addition approved unanimously by Rules Committee as minor change.
- 09/14/21: Revised Article IV. (Match Safety Details) – Item 2 to add reference to Safety briefing in Attachment C. Minor change approved unanimously by Rules Committee.
- 09/14/21: Revised Article III. (Match Operational Details) – Item 17 by deleting “At the beginning of each season”. Competitors only need to make their position know once and have the right to request a change anytime afterwards. Administrative change approved unanimously by Rules Committee.
- 12/30/21: Revised Article II. (Match Overview) – Item 3 to emphasize monthly prize money over Season Championship with the change from Divisional Season Championships to a single Match Season Championship, as approved by the Match Competitor vote on 10/02/21. Minor change approved unanimously by Rules Committee.
- 12/30/21: Revised Article III. (Match Operational Details) – Item 9 to direct Competitors to see Range Master or individual running the Relay if there is an issue instead of the Match Director. Administrative change approved unanimously by Rules Committee.
- 12/30/21: Revised Article III. (Match Operational Details) – Item 10 to denote that the ARA plug is the official plug the Match is using for scoring targets and to add reference to where they may be purchased. Minor change approved unanimously by Rules Committee.
- 12/30/21: Revised Article III. (Match Operational Details) – Item 11 to add recommendation that a lighted 10X Jewelers Magnifier is highly recommended.
- 12/30/21: Revised Article V. (Equipment) – Item 3(d) to clarify the intent of the Match Rules is that a benchrest rear style bag “must” be used and that sand bags are available if needed to be used. Minor change approved unanimously by Rules Committee.

- 12/30/21: Revised Article V. (Equipment) – Item 3(e), 3(f) & 3(g) to change “rear rest” to “rear bag” for consistency within the rules. Administrative change approved unanimously by Rules Committee.
- 12/30/21: Revised Article V. (Equipment) – Item 5(a) by bolding the text to emphasize the need to talk to the rules committee about equipment modification. Also, removed the word major as it is subjective to each individual Competitor. Administrative change approved unanimously by Rules Committee.
- 12/30/21: Revised Article VI. (Divisions) - Item 2(a) threshold from 225 to 227 for the Marksman Division as approved by the Match Competitor vote on 10/02/21.
- 12/30/21 Revised Article VI. (Divisions) - Item 2(b) threshold from 235 to 237 for the Sharp Shooter Division as approved by the Match Competitor vote on 10/02/21.
- 12/30/21 Deleted Article VI. (Divisions) - Item 2(c) about Division Championships. Not required with the change from Divisional to single Match Season Championship, as approved by the Match Competitor vote on 10/02/21.
- 12/30/21 Added Article VI. (Divisions) - Item 7 to clarify that any Season end summary of scores will be based upon the Division in which a Competitor is assigned for the December Match. Administrative change approved unanimously by Rules Committee.
- 12/30/31 Revised Article VII. (Season Championship) – Items 2 & 3 to remove all reference to the Divisional Season Championships and replaced them with a single Match Season Championship, as approved by the Match Competitor vote on 10/02/21. All minor grammatical changes required were approved unanimously by Rules Committee.
- 12/30/21 Revised the definition of safety in Attachment C – 4<sup>th</sup> bullet to read..... Open the rifle bolt, remove the magazine, and insert a chamber flag. Minor change approved unanimously by Rules Committee.