

## CONGRESS

## Motion for Law Form

1. Submitted by:	Target Archery Committee
2. In Quality of: <i>Please mark one with "X"</i>	World Archery President <input type="checkbox"/> Executive Board <input type="checkbox"/> Permanent Committee <input checked="" type="checkbox"/> Member Association <input type="checkbox"/> Continental Association <input type="checkbox"/>
3. Date of submission	21 March 2021
4. Book, Chapter, Article	Book 2, Chapter 7, Articles 7.2.2, 7.2.3 Book 2, Chapter 4, Articles 4.5.1.2, 4.5.1.4, 4.5.1.5  This motion includes also some by-laws (marked in italic): <i>Book 2, Chapter 7, Articles 7.2.2.1, 7.2.2.3</i> <i>Book 2, Chapter 6, Articles 6.3.3.1, 6.3.3.2</i> <i>Book 3, Appendix 1, Image 3</i> These are not yet adopted but added for the clarity reasons. EB will adopt those after Congress if the motion is approved.
5. Interpretations potentially affected	
6. Text of the motion (*)	<p>7.2.2 Target Faces There are four outdoor target faces:</p> <ul style="list-style-type: none"> <li>• The 122cm face, 122cm in diameter;</li> <li>• <b>The 100cm face, 100cm in diameter;</b></li> <li>• The 80cm face, 80cm in diameter;</li> <li>• The 80cm 6-ring face (for multiple set-up with score zones 5-10);</li> <li>• <del>The Academic Round Hit/miss face.</del></li> </ul> <p>7.2.3 Size of target face at different distances and target set-up outdoors. The 122cm target face shall be used for the distances of 90, 70, 60m (and 50m for Cadet and Master Women) <b>on the 1440 Round and 50m on the Barebow Round. The 100cm target shall be used for the distances 70, 60m on the Recurve Round.</b> The 80cm target face shall be used for distances of 50, 40, 30m, except for the Standard Bow Round.</p> <p>4.5.1.2 The Elimination and Final Rounds consist of:</p> <p>...</p> <ul style="list-style-type: none"> <li>• For Recurve the round will be called the Olympic Round and shall be shot at 70m (60m for Cadets and Masters) on <del>122cm</del> <b>100cm</b> target faces, whereas for compound it will be called the Compound Match Round and shall be shot at 50m on an 80cm six ring target face. For Barebow it will be called the Barebow Match Round and shall be shot at 50m on an 120cm target face;</li> </ul> <p>...</p>

4.5.1.4 The 60m Round (for Recurve) for Cadets and Masters consists of 72 arrows shot at 60m on the ~~122cm~~ **100cm** target face.

4.5.1.5 The 70m Round (for Recurve) consists of 72 arrows shot at 70m on the ~~122cm~~ **100cm** target face.

(bylaw) 7.2.2.1 Description: The 122cm, 100cm, 80cm, 60cm and 40cm faces are divided into five concentric colour zones arranged from the centre outwards as follows: yellow (gold), red, light blue, black and white. Each colour is divided by a thin line into two zones of equal width thus making 10 scoring zones of equal width when measured from the centre of the gold:

- 6.1cm on the 122cm target face;
- 5cm on the 100cm target face;
- 4cm on the 80cm target face;
- 3cm on the 60cm face;
- 2cm on the 40cm face.

(bylaw) 7.2.2.3 Tolerance of measurement:

Zone	Diameters in cm			Tolerance in mm
	120	<u>100</u>	80	
Inner 10	6.1	<u>5</u>	4	1
10	12.2	<u>10</u>	8	1
9	24.4	<u>20</u>	16	1
8	36.6	<u>30</u>	24	1
7	48.8	<u>40</u>	32	2
6	61	<u>50</u>	40	2
5	73.2	<u>60</u>	48	2
4	85.4	<u>70</u>	56	2
3	97.6	<u>80</u>	64	2
2	109.8	<u>90</u>	72	2
1	122	<u>100</u>	80	2

(bylaw) Book 3, Appendix 1, Image 3: 1-10 Scoring Zones Target Face

d	x	y	z
diameter of the face	color zone	scoring zone	diameter of inner 10
122 cm	12.2 cm	6.1 cm	6.1 cm
<u>100 cm</u>	<u>10 cm</u>	<u>5 cm</u>	<u>5 cm</u>
80 cm	8 cm	4 cm	4 cm
60 cm	6 cm	3 cm	3 cm
40 cm	4 cm	2 cm	2 cm

(bylaw) 6.3.3.1 and 6.3.3.2: Performance Awards - Add to Table:

- 70m and 60m Round 100cm face (Recurve Only)

White 410, Black 450, Blue 500, Red 550, Gold 560, Purple 575

For clarification: above will apply only if both motions on target face and number of arrows pass. In case only one of those motions pass, the current indoor scores will be used.)

7. Reason

The 70m Recurve Round should have the option to be shot on a 100cm target face.

There are several reasons to make this step, and these are also related to the other proposed motion to shoot 60 arrows instead of 72:

- We are experiencing more and more tied scores in the qualification round: a smaller target face will significantly reduce the tied scores (mathematical model attached)
- Smaller target faces are easier and cheaper to produce

The intention is to keep all barebow Rounds and also longer distances in 1440 Round still with 122 cm target faces. This will also give use to any stock producers, federations and clubs might have. Also, 122cm target face could still be used on national level for 72 arrow rounds if the national federation wish so, but the above is described for international tournaments.

**For practical implication on World Records:** if this motion is approved, the World Records are going to be reset (specific process to be determined and published) for 70 meter and 60 meter 72 arrow rounds. The current World Records would become Historical Records.