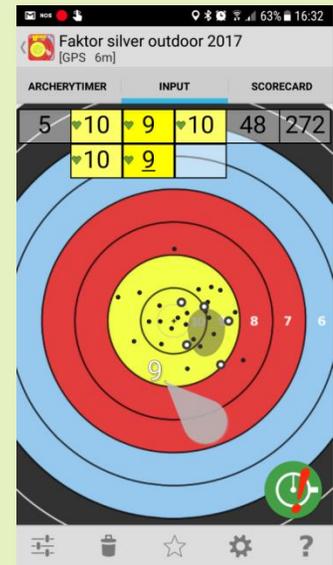# World Archery ruling on the use of Sight Advice

Mobile apps like Artemis on handheld devices like modern mobile phones open up many different possibilities on the Archery field of play. One such functionality that gives rise to discussion is the sight advice. Are you allowed to use Artemis during competition and, more specific; are you allowed to use the sight advice function? To make things more complicated, in what role are you allowed (or not) to use Artemis; as an archer, as a coach, or as someone in the audience plotting on behalf of an archer?

On June 11th 2014, we requested (through the Dutch Archery Association) a World Archery interpretation concerning the use of arrow plotting software and the ability to use it for sight advices.

On 21st of October 2014, World Archery Technical Committee came with a ruling. The exact text of the request and the ruling can be found in the next section. Let's go through this text step-by-step;

> *"The use of software that simply allows the athlete to plot arrow impacts on the target as one would on printed paper targets used for the same purpose is legal."*

Our interpretation of this ruling is;

If you use the Artemis software for plotting arrows only (like you would with pen and paper) then its use is allowed in World Archery competitions.

> *"… However, no software may be used that aids in bow sight adjustments anywhere on the archery field (which includes any space either in front of or behind the shooting line up to the spectator area)."*

Our interpretation is;

…that an athlete is not allowed (anywhere *on* the field-of-play or even *off* the field-of-play) to use the sight advice functionality during any competition shot under World Archery rules.

So what did we do with Artemis when we got this ruling?

To comply with this rule, we made sure that that if you create a match in Artemis, under World Archery rules (and in competition mode), the sight advice function is completely turned off and unavailable. We also created a special setting in the Artemis software options (Options → Analysis & Advice) where you can check a checkbox and put Artemis in "World Archery rules compliant mode" all the time.

Official World Archery ruling

Book 3, Chapter 11, Article 3.1 and/or 3.2

The Archery Association of the Netherlands has requested an interpretation on whether a the use of portable devices like smartphones and tablets with software to help identifying arrow grouping trends and computation of sight setting changes is allowed during target archery competitions in the following scenarios:

Scenario 1:
Athlete uses software running on a mobile device (smartphone or tablet), carried by the athlete to the target for arrow withdrawal. Upon withdrawing arrows from the target, the arrow positions are plot in the device. The software is able to compute sight adjustments which the athlete can apply when returning at the waiting line.

Scenario 2:
Athlete uses software running on a mobile device (smartphone or tablet), that is attached to the spotting scope at the shooting line. During shooting, the athlete spots the position of the arrow in the target through the scope and enters it in the device. The software is able to compute sight adjustments which the athlete can apply at the shooting line.

The Constitution and Rules Committee ("C&R") finds the question presented to be within the terms of reference of the Technical Committee.

C&R has determined that the following interpretation is not contrary to the existing rules or Congress decisions.

Response from the Technical Committee:

It is the majority decision of the Technical Committee that the following restrictions shall be placed on the use of archery specific software for arrow impact plotting and for calculating bow sight adjustment based on arrow impact in the target.

The use of software that simply allows the athlete to plot arrow impacts on the target as one would on printed paper targets used for the same purpose is legal. However, no software may be used that aids in bow sight adjustments anywhere on the archery field (which includes any space either in front of or behind the shooting line up to the spectator area). Such software is considered an extension of the equipment and represents the use electric or electronic devices. Therefore, it is not allowed as is currently noted in the rules.

World Archery Technical Committee, 21 October 2014
Approved by the World Archery C&R Committee, 26 October 2014