

# Judges' Guide Book



[www.archery.org](http://www.archery.org)  
2018

## **INTRODUCTION**

The WA Judge Committee is pleased and proud to have completed the eighth edition of the official Judge Guide Book - updated per 1<sup>st</sup> April 2018.

We would like to thank all our Judges who have contributed in various ways to make this new edition up to such a standard, and hopefully it will prove to be useful to you in your judging performance. This book contains a lot of new elements following from rule changes and procedures during recent years, so you need to study it carefully in order to make judging consistent worldwide.

As an introduction to judging we would like to quote some words from our late honorary chairman, Mr. Don Lovo – based on his article in the FITA Judges Newsletter nr. 41/1994.

### ***Judge? What does it mean?***

My dictionary and the thesaurus on my computer list a dozen or more interpretations of the word JUDGE: i.e. Verify, prove, establish, try, substantiate, learn, ascertain, consider, etc. etc. The two that I really like are "Justice" and "Arbitrator". Do you know what? I think in a way they all apply in some way to what I feel constitutes a "Good FITA Judge".

Nowhere does it say "A Judge just quotes and applies the rules".

Let me try and give you simple examples of the difference between blind, and common sense, application of the rules.

Let's take a scenario where a policeman stops a man who is driving over 100 km's an hour. The man is found to have been drinking and the policeman does his duty, puts him in handcuffs and takes him to jail. Ten minutes later the same policeman stops another man in the same area also travelling at 100 km. per hour. The second driver explains and shows that he has a seriously injured unconscious child in the back seat who has just been hit by a truck, and he is rushing him to the hospital. The same law has been broken, at almost the same time. Should the same penalty be applied? I am sure all of you would say "Of course not!" - yet Judges sometimes do just that.

Don't just open the book to see if you can find a penalty to take away an archer's score, look in the book to find a rule, if possible, to save the athletes score.

If the athlete has broken a rule that could give him an advantage over the other competitors, distance, time, number of arrows, score, then you must take firm and immediate punitive action. You must do so to protect the rights of the other athletes who did not break the rule.

I may mention a situation where an announcer, at the beginning of the timing during the finals round, mistakenly announced that the incorrect athlete was to shoot the first arrow of that sequence. This action confused both athletes, and they both shot, at the same time, well within the time frame. A number of the Judges responded that the athlete who had shot out of proper sequence must lose his arrow, and of course the match! -- That is a plain and simple misuse of the rules. The only reason we even have

the athletes shoot alternately is to create excitement for the media people. If this was not the case we obviously would have them shoot at the same time, as it was previously done, to save time. The intent of the "time rule" is to avoid an athlete taking more than the allowed time!

In this case did either athlete take unfair advantage? Did either athlete take extra time? Should either athlete be penalized for a mistake in the tournament control??? Do I have to answer that? I sure hope not.....

**This Guide book is intended to help Judges and organizers to do their job and athletes to enjoy their sport, it does not replace the WA Rule Book and it does not claim to be complete. In case of doubt refer to the Rule Book and the current interpretations.**

Morten B Wilmann (Chair Judge Committee)  
Sergio Font (Deputy-Chair Judge Committee)  
Indranil Datta  
Robert Erica  
Sabrina Steffens



## **Acknowledgements**

The Judges Committee would like to thank all those who have taken the time to review this document throughout its development. Their contribution, suggestions and proof reading have been valuable in making this document as complete and error free as possible.

## **CONTENTS**

<b>INTRODUCTION.....</b>	<b>2</b>
<b>1.0 WA JUDGES and ETHICS .....</b>	<b>8</b>
1.1 WA Judges .....	8
1.2 The Philosophy of Judging .....	8
1.3 Judge Nationality .....	9
1.4 Do's And Do Not's of being a WA Judge. ....	10
1.5 Appointment/Roles of a WA Judge. ....	11
1.5.1 Application, Selection and Appointment. ....	11
1.5.2 The Judges' Commission.....	11
1.5.3 Chairperson of the Judges' Commission. ....	12
1.5.4 Judge Observer.....	13
1.5.5 The Director of Shooting – DOS. ....	14
1.5.6 Jury of Appeal.....	14
1.5.7 Dress .....	14
<b>2.0 WORLD ARCHERY COMPETITIONS .....</b>	<b>15</b>
2.1 Competitors' Classification .....	15
2.2 Competitive Divisions .....	15
2.3 Competitive Categories.....	16
2.4 Competitive Disciplines–Basic Competition Formats.....	16
2.4.1 Outdoor Target Archery.....	16
2.4.2 Indoor Target Archery .....	18
<b>3.0 PRE-TOURNAMENT PROCEDURES .....</b>	<b>20</b>
3.1 Introduction.....	20
3.2 The Organising Committee.....	20
3.3 Communication.....	20
3.4 Team managers' meetings .....	21
3.5 Distribution of Information.....	22
3.6 Media. ....	22
3.7 Equipment Inspections.....	24
3.7.1 Inspection procedures. ....	24
3.8 Advertising.....	28
3.8.1 Advertising on the Field.....	28
3.8.2 Advertising on the Athlete. ....	28
3.9 Other Tournament Requirements.....	29
3.10 Timing and Sound Devices .....	29
3.11 Safety .....	29
3.12 Field/ Venue Inspections.....	30
3.12.1 Target Archery .....	30
3.12. 2 Indoor Archery.....	32

<b>4.0 TOURNAMENT PROCEDURES-PART I TARGET ARCHERY.....</b>	<b>34</b>
4.1 Target Face – Set Up.....	34
4.2 Practice.....	34
4.3 Rechecking of Venue Equipment .....	35
4.4 Rechecking of Athletes Equipment. ....	35
4.5 On the Shooting Line .....	36
4.5.1 Shooting Positions .....	36
4.5.2 High draw.....	36
4.6 The 3 Metre Line – Valid Arrows.....	37
4.7 Coaching information and athletes on the line .....	38
4.8 Use of Telescopes .....	38
4.9 Athletes leaving the line.....	39
4.10 Electronic communication. ....	39
4.11 Target Anomalies.....	40
4.11.1 Bouncers .....	40
4.11.2 Pass-Through .....	40
4.11.3 Hanging Arrows.....	41
4.11.4 Indoor Scoring .....	41
4.12 Equipment Failures .....	42
4.13 Medical Problems .....	43
4.14 Multiple arrows make up. ....	43
4.15 Shooting Before and After the Signal.....	43
4.16 Discrepancies between Sound and Timing Signals .....	44
4.16.1 Timing Signals .....	44
4.17 Judges Position during Scoring.....	45
4.18 Arrow Values – No Second Call.....	46
4.19 Number of Arrows Shot – In /Out of time.....	49
4.19.1 Too Many Arrows Shot. ....	49
4.19.2 Multiple Violations. ....	49
4.20 Scorecards and Scorecard Corrections.....	49
4.21 Marking Holes .....	50
4.22 Arrows Left in Target. ....	51
4.23 Problems on the Target .....	51
4.24 Fallen Buttress .....	51
4.25 Qualification Round shoot-off procedures.....	51
4.26 Unsportsmanlike Behaviour.....	52
<b>5.0 TOURNAMENT PROCEDURES PART II ELIMINATION &amp; FINAL ROUNDS</b>	<b>53</b>
5.1 Introduction - Elimination and Final Rounds .....	53
5.2 Elimination Rounds .....	54
5.3 Finals Rounds.....	54
5.4 Line Judging Procedures.....	54
5.5 Target Judge.....	57
5.6 Scorers.....	58
5.7 Athletes Agents' .....	60
5.8 Runners .....	60
5.9 Byes.....	60
5.10 Forfeited matches.....	61
5.11 Alternate Shooting .....	61

5.12 Individual Ties and Shoot-Offs.....	61
<b>6.0 TEAM EVENTS.....</b>	<b>62</b>
6.1 Team Qualification Round.....	62
6.2 Team Elimination and Finals rounds .....	62
6.3 Team Event Violations .....	63
6.3.1 Minor Violations .....	63
6.3.2 Major Violations .....	64
6.4 Team and Mixed Team Shoot-Offs – Qualification Round.....	65
6.5 Team and Mixed Team Shoot-Offs – Elimination Round.....	65
<b>7.0 POST COMPETITION PROCEDURES .....</b>	<b>66</b>
7.1 Introduction.....	66
7.2 Judges' Commission Report .....	66
7.3 Judges' Evaluation Report .....	67
<b>APPENDICES .....</b>	<b>68</b>
<b>A.1 Field Archery .....</b>	<b>68</b>
Field Archery Competitions - Course Inspection .....	68
A.1.1 Safety .....	68
A.1.2 Target Layout.....	69
A.1.3 Shooting and Scoring .....	70
A.1.4 Judges' Assignment to the Area.....	70
A.1.5 Inspection Procedures .....	70
A.1.6 Applying the Time Limit .....	70
A.1.7 Range finding.....	71
A.1.8 Field archery Finals' Course .....	71
A.1.9 Conduct of Shooting .....	72
A.1.10 Judges' Assignment to the Groups.....	72
A.1.11 Field Championships Elimination and Finals Procedures .....	72
A.1.12 Order of shooting for the Finals Rounds.....	74
A.1.12.1 Target Faces – Setup .....	74
A.1.12.2 Taking Time (individual) .....	74
A.1.12.3 Taking Time (Teams).....	74
A.1.12.4 30 Seconds – Warning .....	74
A.1.13 Team Finals.....	74
A.1.14 What is allowed and not allowed on unmarked WA Field rounds?.....	75
<b>A.2 3D Archery – A brief introduction .....</b>	<b>79</b>
A.2.1 The Competition .....	79
A.2.2 The Course .....	80
A.2.2.1 The Targets .....	80
A.2.2.2 Pegs .....	82
A.2.2.3 Safety .....	82
A.2.4 The Bows .....	82
A.2.5 Shoot Offs .....	83
<b>A.3 Jury of Appeal .....</b>	<b>84</b>
<b>A.4 Venue Checklist – Target .....</b>	<b>85</b>

<b>A.5 Tournament Checklist – Field and 3D</b> .....	86
<b>A.6 Disabled Athletes</b> .....	87
A.6.1 Who is disabled according to the rules?.....	87
A.6.2 How much space will be allowed on the shooting line for people in a chair?.....	88
A.6.3 May the disabled athletes in WA events remain on the shooting line after finishing their end? .....	88
A.6.4 May an athlete - if necessary - be allowed to have an assistant on the line (close behind him/her) in order to nock the arrow on the string?.....	88
A.6.5 Scoring/pulling arrows .....	89
A.6.6 Drawing the string to the chair.....	89
A.6.7 Disabled athlete(s) in the team event .....	89
A.6.8 Amputees .....	89
A.6.9 Scopes .....	90
A.6.10 Chair support.....	90
A.6.11 Timing during Match play .....	90
<b>A.7 List of WA Licensed target Faces</b> .....	92
<b>A.8 Director of Shooting (DOS)</b> .....	93
A.8.1 Perspective on The Director of Shooting.....	93
A.8.2 Pre-Tournament Preparation .....	93
A.8.3 Upon Arrival on Site .....	94
A.8.4 During the Competition .....	96
A.8.5 Major Events (World Championships, World Cups, Olympic/Paralympic Games, Other Games).....	99
A.8.6 Summary .....	100
<b>A.9 Team managers meeting – Agenda</b> .....	102
<b>A.10 Team manager’s Intent of Appeal Form</b> .....	104
<b>A.11 Judge Assessment</b> .....	105
<b>A.12 Tournament Report</b> .....	106
<b>A.13 Chairperson Check List</b> .....	107
<b>A.14 “Walkie Talkie” Procedures</b> .....	109



## 1.0 WA JUDGES and ETHICS

### 1.1 WA Judges

To be a World Archery (WA) Judge is a privilege. Success depends upon the integrity, character, knowledge and thoughtfulness of each of us. Therefore, we are the servants of the competition, not its master. As such it is our duty to be absolutely sure of the rules we apply and, at the same time, not be overbearing or overly authoritative. This is sometimes a difficult line to walk.

*Keep an open mind at all times.*

Be prepared to listen carefully to the explanations of concerned athletes and officials and maintain a broad, and balanced outlook. The main purpose for this guide book is to have consistency in Judging worldwide, maintaining fairness of the competition, and ensuring that shooting procedures will be the same throughout the world.

### 1.2 The Philosophy of Judging

The function of the official at any tournament is to see that the tournament runs smoothly, so that each and every competitor can achieve her/his best performance.

The basic philosophy for our Judges is entrenched in the words of the **Olympic Oath for Officials**:

*“On behalf of all Judges and officials, I promise that I will officiate in these Olympic Games with complete impartiality, respecting and abiding by the rules which govern them, in the true spirit of sportsmanship.”*



*(recited for the first time during the XXth Olympiad – Munich 1972,  
Heinz Pollay-Equestrian)*

Unfortunately some competitors seek to enhance their performance by taking advantage of any means to increase their chances of a higher placing, including any weakness of a Judge. We may not agree with this, but it is unwise to ignore it.

From time to time it is necessary to take a firm position in order to guarantee the efforts of everyone are based on a fair and honest application of the rules and regulations established by World Archery.

In order to do that the Judge must be aware of the opportunities that a few individuals may take to improve their scores. We have to set an example of control and fairness and never allow a competitor to cause us to lose our temper and our perspective.

We must know the rules thoroughly including the latest interpretations and by-laws. **It is imperative that we all keep up to date**, so we are not applying “old” rules. We must protect the rights of all, and in that effort, firmly apply the rules.

Initially, we must be certain that we are in possession of the correct and current information. Consultation with other Judges before making a decision does not indicate weakness, only a desire to make an absolutely correct decision. Judge commission meetings before and during an event are important areas for bringing up uncertainties.

Occasionally a question still cannot be resolved to everyone’s satisfaction. Should this occur, a final decision will have to be deferred until a meeting of the complete Judges’ Commission can be convened, and a positive statement given to those concerned.

Judges should be well informed, willing to discuss and to educate if necessary, be polite and firm about decisions. It is by being so we are seen to be professional about our duties.

Remember, the competitor is exactly that - competitive. Above all he or she wants to do well.

The **WA Code of Ethics** is the means by which the Judges, as part of the WA family, affirm their loyalty to the Olympic ideal. The WA Code of Ethics is based on the IOC Code of Ethics and aims to preserve the highest possible ethical values that govern World Archery, its officers and the entire Archery Family.

*App2 - BK1*

### **1.3 Judge Nationality**

Although we basically look upon our Judges as neutral International Judges, we try to avoid situations that may create a presumption that the nationality of a Judge could influence the result. Therefore we must see to it that International Judges are not judging in matches where their own countries are involved. In such situations the Chairperson of the Judges Commission and the individual Judge have the

responsibility ensuring that this does not happen. This point of view is also valid if both competitors are from the same Member Association

#### **1.4 Do's And Do Not's of being a WA Judge.**

An exhaustive list of do's and don'ts is not possible. **The guiding philosophy is that your behaviour should be a credit to archery, to World Archery, to yourself, and to other Judges.** Keep in mind the image you portray to competitors, spectators, officials and the media and act accordingly. **Common sense must always be your guide.**

#### **DO**

- (a) Wear the Judges uniform; with pride, it is your right to wear it, and with the purpose of making a positive contribution to the tournament.*
- (b) Think of yourself as a host welcoming guests.*
- (c) Be enthusiastic, courteous, and friendly.*
- (d) Apply the rules fairly, consistently and firmly.*
- (e) Offer polite assistance to all: athletes, team officials, guests, spectators, media personnel, other officials.*
- (f) During national Anthems and WA fanfares, you are expected to stand with respect and, to remove your hat.*

#### **DO NOT**

- (a) Allow your attention to wander from your primary duty, which is the competition.*
- (b) Smoke and Drink while being on the Field of Play and other designated zones, (following from the text of the WA Code of Ethics and Conduct). The image of WA Judges must be one of restraint, unimpeded decision-making and professionalism. Drinking or smoking on duty would hurt this image.*
- (c) Chat at length with competitors or other officials, while on duty this act may lead others to believe that you are not paying proper attention to your assigned duty or that you may favour certain athletes.*
- (d) Cause any distraction not related to a safety problem. Any official contact with athletes, other than safety related, must (preferably) be through the team manager if one exists.*

*(e) Carry a camera or any personal music player while on duty (a camera in your Judge bag for pictures when you're not engaged in the performance of your duty certainly is allowed).*

*(f) Use your mobile phone whilst on duty, especially during competition.*

## **1.5 Appointment/Roles of a WA Judge.**

**BK1 – 1.17.5**

### **1.5.1 Application, Selection and Appointment.**

As soon as possible after WA Executive board has confirmed the dates and locations of WA Championships and other events for the coming year, the Judges' Committee will publish an "application for duty" form, which should be filled out by all WA Judges and WA Judge Candidates, and returned to the WA office before the advised closing date.

The selection of the tournament Judges, carried out by the Judges' Committee will be based on a number of factors;

- (a) Regular accurate response to Newsletter questions.*
- (b) Present experience.*
- (c) Experience needed.*
- (d) Gender.*
- (e) Geographical aspects.*
- (f) A balanced selection between International Judges and Judge Candidates.*

After the closing date the Judges' Committee will decide on the composition of the different tournament Commissions. The WA Office will be advised and will inform all Judges and Member Associations concerned.

### **1.5.2 The Judges' Commission**

**BK1 – 1.17.5**

The WA Judge Committee will appoint a Judges' Commission for all WA Championships and also for events (fully or partially) governed by other International bodies (i.e.; Paralympics, World Games, and University Events). Additionally some Judges are appointed for World Cups.

The Commissions are made up of WA International Judges and Judge Candidates (except for the Olympic Games where only Judges with full status may serve). For major WA events, like target and field championships, normally 13 Judges will be appointed. The Chairman and deputy chairman of the commission will also be appointed by the committee, along with one or two alternate Judges. The alternate Judges will substitute if the appointed Judges cannot attend.

Once the Judges' Commission has been named, the designated Chairperson and the WA office will then contact and deal directly with the individual Judges. You, as an appointed Judge, must immediately check the need for a travel visa, and as soon as you have finalised your travel plans, contact your Chairperson advising him/her of your arrival date and any other information that will be of value. As soon as you arrive at the hotel of the venue city you must contact the Chairperson of your Commission without delay. If you arrive early, it is also preferable that you make yourself known to the Organizing Committee Chairperson. Each member of the Judges' Commission has equal authority, but the interface with the tournament organising Committee should be handled by your Chairperson or a delegated Judge so that there is no conflicting information given that could cause confusion.

During the duration of the competition you will be assigned tasks by your Chairperson. Whilst executing official duties, you must work, as a unit, a team. You will be required to keep comprehensive notes on any abnormal occurrences, these notes may well be required if you are asked to appear before a Jury of Appeal. Your position will be more respected if you are able to refer to a notebook during any such proceedings.

The Judges' Commission is to ensure compliance of all matter related to the dimensional layout of the field, conformity of equipment and procedural requirements stipulated by World Archery.

**BK2 – 3.12**

A comprehensive target tournament checklist can be found in Appendix A.4 of this publication.

If for any reason during competition days you wish to leave the venue area, you must obtain prior approval of your Chairperson, and provide contact details if needed.

### **1.5.3 Chairperson of the Judges' Commission.**

The Chairperson of the Judges' Commission is instrumental in ensuring that the competition is fairly executed. He/she is the central point of contact for all the members of the Judges' Commission and also the key contact for the Chairperson of the Organising Committee, the Technical Delegate, event manager and the field crew manager.

The Chairperson has the following duties;

- (a) Make initial contact with the Organising Committee, Technical Delegate and the events manager to obtain necessary information about the competition venue and competition schedule.*
- (b) Make contact with the appointed Judges and the alternates.*
- (c) Advise members of the Judges' Commission of the meetings to be held before and during the event, the specific responsibilities they will have, their contributions towards reports and any particular information they need before arriving at the tournament.*
- (d) Maintain close contact with the Technical Delegate through the competition.*

- (e) *During the first meetings of the Judges to stress new rules and interpretations as well as important procedures regarding the individual and team match play.*
- (f) *Plan the various duties of the appointed Judges, and see to it that all duties procedures and guidelines for Judges are conscientiously followed up, both before and during the competition. Do not use more Judges than is necessary to carry out tasks such as equipment inspection and field inspection.*
- (g) *Address the Team managers' meeting, making sure that all Team managers are aware of any new rules, remind them of important procedures, e.g.; how to appeal, how to mark holes, reporting lost arrows on the field and signing of score cards. It may be necessary to call a Team managers' meeting during the competition to clarify issues that may occur. The meeting is usually carried out at the DOS stand, and a roll call of all participating nations must be carried out.*
- (h) *Provide Judges with complete lists of all athletes.*
- (i) *Take due consideration of Judges' nationality before assigning to competition targets.*
- (j) *Present a report on the tournament to the Chairperson of the Judges' Committee, together with an assessment report on the judges at the event.*



*Figure 1. Team managers meeting during competition*

#### **1.5.4 Judge Observer**

A Judge Observer may be appointed to one or two of the major WA competitions a year in order to observe judging procedures and Judge's performance. As a representative of the Judges' Committee he/she will on these occasions work closely with the Chairperson of the Judges' Commission, without being part of the Judges' Commission. He/she will attend Judges' Commission meetings and bring to the attention of the Commission, important judging issues which will be of benefit to the competition.

**BK1 - App4-7.1.4**

### 1.5.5 The Director of Shooting – DOS.

**BK2 - 3.10**

Director of Shooting will be appointed by the WA Judges' Committee. A deputy or deputies to assist the DOS and to control the practice field(s) if any, will be appointed by the organizing committee. The quality of a competition is directly proportional to how well the Director of Shooting carries out his/her duties and responsibilities. The Director of Shooting – DOS and deputies are in control of the shooting from the time the athletes appear on the field, until shooting has been completed for the day. Even if the position of DOS is filled by a qualified Judge, the deputies should also be knowledgeable about the sport of archery. **Under no circumstances should newcomers to archery be appointed to these important positions.**

The primary duties of a Director of Shooting and deputies are:

**BK2 –10.1**

- (a) *To check the timing equipment is working properly and is capable of setting the time for all variations that might occur in the tournament.*
- (b) *Control of shooting.*
- (c) *Regulation of the timing of ends.*
- (d) *Maintaining the order of shooting.*
- (e) *Implementation and enforcement of safety procedures.*
- (f) *Control of the public address system (which may be in cooperation with a sport presenter if present).*
- (g) *Control of access to the field by media personnel, team officials and the public.*
- (h) *General field security.*

**BK2 –10.2**

The Director of Shooting **MUST** work closely with the Chairperson of the Judges' Commission, the Judges and the field crew to ensure that the competition runs smoothly.

### 1.5.6 Jury of Appeal

**BK2 – 3.13**

Upholding the rights of the competitors and their team officials is one of the most important considerations at any WA event. It would be very unfortunate if the actions of another competitor, a Judge, or member of the Organizing Committee unfairly affected the performance or score of a competitor. The Jury of Appeal is there to ensure the spirit of fairness in a competition and the fair application of the rules. In this way it protects the competitors' rights as well as the Judge who has done the job responsibly.

### 1.5.7 Dress

WA is providing a “working uniform”, for the Judges. These items will be distributed to you on your first appointment at a major WA event. The working uniform will be used when on duty at the tournament, and it is imperative that all Judges wear the same configuration of the uniform.

If your uniform is neat and clean, you are well turned out, and you appear to be proud of what you do, athletes will respond to you in a positive manner. If, on the other hand, you are not careful about your dress and personal appearance, it may be assumed that you are equally as disorganized about your knowledge and ability.



## 2.0 WORLD ARCHERY COMPETITIONS

### 2.1 Competitors' Classification

BK2 – 4.2

There are separate classification for both the women's and men's division, these are according to WA rules;

<i>Masters:</i>	<i>50 years +</i>
<i>Senior:</i>	<i>21 to 49 years</i>
<i>Junior:</i>	<i>18 to 20 years</i>
<i>Cadets:</i>	<i>17 years and younger</i>

The age group is determined by the year of birth in relation to the entire year of the competition. Thus, an archer, who turns 17 on the 1<sup>st</sup> of January, is allowed to participate in the cadet segment in any tournament which is held before 31<sup>st</sup> Dec of the same year.

At a competition, an athlete can only compete in one age class. At their discretion athletes may participate in an older age group except in masters. Masters may participate at their discretion in the senior class. Usually the age and nationality will be checked by the Organizers at accreditation. However, on certain occasions the Judges may be involved in such checking, which then may take place at the equipment control.

### 2.2 Competitive Divisions

BK2 – 4.3

There are two principle divisions in target archery which are shot under WA Rules;

- (a) *Recurve Division*
- (b) *Compound Division*

## 2.3 Competitive Categories

BK2 – 4.4

Recurve Women	RW	Recurve Junior Women	RJW
Recurve Men	RM	Recurve Junior Men	RJM
Recurve Master Women	RMW	Recurve Cadet Women	RCW
Recurve Master Men	RMM	Recurve Cadet Men	RCM
Compound Women	CW	Compound Junior Women	CJW
Compound Men	CM	Compound Junior Men	CJM
Compound Master Women	CMW	Compound Cadet Women	CCW
Compound Master Men	CMM	Compound Cadet Men	CCM

## 2.4 Competitive Disciplines–Basic Competition Formats

### 2.4.1 Outdoor Target Archery

BK2 – 4.5

The World Archery outdoor target rounds may be shot by both the recurve and compound divisions in separate competitions. In the Olympic Games only the recurve division may compete.

The outdoor round today, which is the mandatory round at international level is mostly the WA720 Round (for recurve shot at 70m and compound shot at 50m.)



*Figure 2. A typical Shooting Line on Qualification Field*

### Individual competitors

Elimination and Finals Rounds: At this phase of the competition the athletes start to shoot matches according to the match-play chart. In spite of the rules, we often find that because of time constraints alternate shooting does not occur until either the semi-final or the medal matches of a competition. **If that is the case then this should be highlighted at the Team managers' meeting.**



It should be noted that if the last qualifying place is 104, then the 8 top athletes will have two stages with byes. **If athletes tie for the 8<sup>th</sup> place during qualification, then a shoot-off is necessary. This procedure is mandatory for World Championships.**

**BK2 –  
4.5.1.2**



*Figure 3. General view of shooting line individual final round.*

### **The Team Event /The Mixed Team Event**

Team Elimination Round in which the top twenty four (24) teams of three (3) or mixed team of two athletes are seeded according to their positions, as determined by the combined total of the three (or two for the mixed team) best scores in the Qualification Round. If a team wants to change the composition of the team before match-play, certain procedure are to be followed. Each team will shoot on a separate target butt. Athletes participate in scoring at this phase of the competition. For the 1/12<sup>th</sup> Elimination phase of the tournament the 8 top seeded teams will have a bye. The rest of the teams, seeded 9 to 24, will be paired according to the match play chart for team round match. The winners of the match moves to the next phase (1/8<sup>th</sup> Elimination) and all teams will be paired according to the match play chart from this phase of the tournament.

**BK2 –  
4.5.1.4 bullet  
3 to 5**

Team Finals round: in which the last four (4) teams proceeding from the elimination round shoot alternately. The teams are paired according to the match play chart, the first team to shoot will shoot three (3) arrows, one arrow each athlete. When the last athlete of three has returned behind the one (1) metre line the clock is stopped displaying the time remaining for that team. The clock of the second team will start and the second team will shoot their three (3) arrows and return behind the one (1) metre line.

**BK2 –  
4.5.1.4 bullet  
4**



*Figure 4. Recurve team event – general view*

This is repeated until each team has shot six (6) arrows or the time has expired. Two (2) minutes is the time allowed for a team to shoot six (6) arrows. Each team will shoot on separate target butts. Athletes do not participate in scoring at this phase of the competition, athletes appoint an athlete's agent who will observe the scores and withdraw the arrows. The same provisions apply to the mixed team event except they shoot 2 arrows per team before alternating and the total time permitted is 80seconds.

#### **2.4.2 Indoor Target Archery**

In most aspects indoor target archery follows the same concepts as outdoor target archery.

**BK2 – 4.5.2**



*Figure 5. Indoor event – general view individual qualification*

### The Indoor Team Event

In the team event the concept is basically the same as for outdoor, but the athletes will shoot at two vertical triple faces constituting 6 centres. The athletes may choose where to shoot, but there shall be only one arrow in each centre.

BK2 –  
4.5.2.2

In a shoot-off one triple face will be set-up horizontally for the team members to shoot one arrow each in the three centres according to their own choice.



Figure 6. General View of the team positions in team event.





### 3.0 PRE-TOURNAMENT PROCEDURES

#### 3.1 Introduction

Inspection of the target or field range is intended to ensure that all the details that will make the tournament a success, have been properly carried out by the Organizing Committee. It is assumed that the Organizing Committee has been in frequent contact with the Technical Delegate and that this inspection will need to catch details only. Inspection of the athletes' equipment ensures that the competitors are competing on equal terms, by adhering to WA rules governing the use of equipment.

#### 3.2 The Organising Committee

The Organizing Committee has a great deal of responsibility in seeing that the range is properly prepared, and that work parties are available to carry out the many duties needed during the tournament

Many tasks, like replacing target faces as needed, moving and even replacing buttresses, repair or replacement of items, are the responsibility of the field crew though often the Judges are on the spot and are able to assist in many of these duties.

*Do so willingly, with the knowledge that it is assisting the smooth running of the tournament, but be aware that your Judging duties must take precedence.*

#### 3.3 Communication.

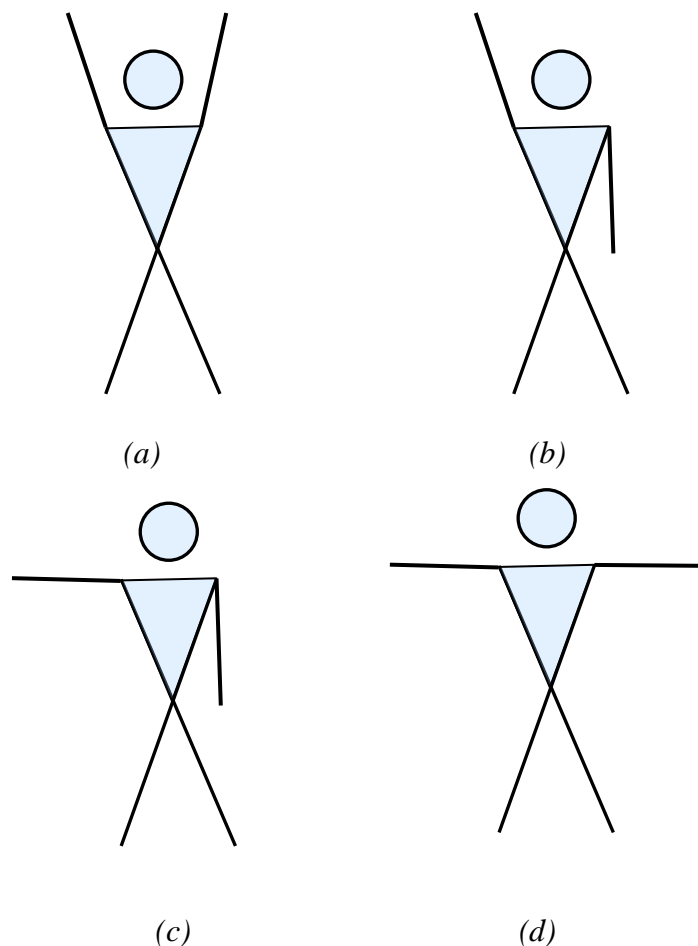
The electronic age has greatly improved communications on the tournament field. Only a few years ago it was necessary to devise an elaborate system of hand and arm signals to allow the Judges to communicate with one another and with the DOS regarding such things as equipment failures, bouncers, hangers, and other problems. Lately, most of these communications are by small portable FM radios. It is more usual now to have the Chairperson of the Judges' Commission and DOS in constant

**BK2 – 3.5.5**

radio contact with the Organizing Committee, often on a frequency different from that used by the Judges. These are very important advances. On the field course, radios are even more important, since communication there is much more difficult.

Good radio etiquette must be practiced at all times. Remember that the radio is there to facilitate communication, not to serve as an entertainment device. Wherever possible communication between officials should be beyond the hearing of competitors. See Appendix A14 for "Radio Procedures". Even in the light of the above, it is important that each Judge be completely familiar with the international hand signals.

Sometimes the hand signals (figure 7) may be more useful than a radio. For these reasons, the four most useful hand signals are listed below. Judges must face the DOS and gain that person's attention before signalling



(a) Bouncer, (b) Equipment failure, (c) Proceed with scoring, (also used to indicate the winner at the target during matches). (d) Tied match

Figure 7. Judges' Arm signals

### 3.4 Team managers' meetings

The official Team managers' will be organised by WA and will take place before the start of competition. This meeting allows WA and the Organizing Committee to

detail all the important information affecting the competition. The meeting is chaired by the Technical Delegate assisted by the appointed Judge Commission Chairperson and a senior representative of the Organizing Committee. If possible the Judges of the Commission and the DOS should be at the meeting and be properly presented and given the latest information. The first Team managers' meeting is important as it sets the standard for the rest of the competition.

To give the best impression, organizers, the co-ordination committee, the Technical Delegate and the Chairperson of the Judges' Commission should meet to prepare for and plan the Team managers' meeting-in order to avoid being part of a poorly presented meeting, Appendix A.9 provides guidance and details the procedure that should be adopted for running a Team managers' meeting.

### **3.5 Distribution of Information.**

In WA, and indeed in almost any interface between people, one of the main causes of misunderstanding, anger, protests, etc. is the lack of proper communication and the faulty distribution of information. Your job as a Judge is to make sure that this problem is minimized in WA.

*You have to be a “rule teacher” as well as a “rule enforcer”. If you do more of the first, you will have to do less of the second.*

At every Championship, last minute changes to the shooting schedule, transportation schedules, meals, etc. are made and generally (not always), the Organizing Committee distributes information advising the teams of these changes. We, as Judges and WA Officers, together with the Technical Delegate, must make sure this information is given to the teams.

Almost without exception at every Championship, changes are required that have not been discussed previously with the team officials and the competitors. The Chairperson of the Judge Commission must, when this occurs, and in cooperation with the Technical Delegate call a special short meeting to advise the Team managers of the problem. This is generally done at the control stand so the DOS can participate if required, or know that the information has been conveyed. It is also a very good idea to give the Team managers a chance to contribute to the decision if possible. This will make the implementation of the proposed change much more acceptable, and maintain a better relationship between the parties.

### **3.6 Media.**

WA and all Member Associations are today working hard to bring our sport to the attention of the public. One of the best ways to do this is to co-operate with the media. In order to achieve this goal, WA has instituted special arrangements for photographers and television crews at all major WA tournaments. We must remember that the media crews have their jobs to fulfil, this normally requires carefully planned scripts with air time which might not exactly coincide with the tournament and sometimes this might be in conflict with the tournament directors and Judges in their efforts to run a smooth tournament.

The identification of the press is essential to the Judges and should be referred to the Organizing Committee, i.e.; like the bibs now being provided by WA for International events.



In case a photographer or camera operator does not have the proper identification, you should politely ask him/her to contact the Press office where he/she will receive further information. You should allow on the field only those photographers and camera operators who have the valid identification.

The Judges may allow such photographers and camera operators to walk to the targets while scoring is taking place. A Judge or an Organizing Committee-appointed media liaison person must escort them to the targets to avoid them interfering with scoring or touching the targets and arrows. If necessary the Judge should instruct the media personnel to not disturb the athletes with interviews on the field while the competition is still in progress.

Specially trained WA photographers are allowed beyond security barriers at the discretion of the TD. If you as a Judge feel that the situation may compromise safety you must advise your Chairperson who will raise the issue with the TD.



*Figure 8. Media set up – Team Finals*

### **3.7 Equipment Inspections**

It is a common procedure that each competitor's equipment is checked before the start of the competition. In order to do this it is vital that a list of competitors, usually broken down by country, class and division, be obtained from the Organizing Committee. The rules however do not specifically require that the athlete has to show all the items he/she might be using, but it is his/her responsibility to use legal equipment. It is traditional and efficient to hold the equipment inspection on the target range, during the official practice day. Athletes should be called alphabetically by country, starting with "A" or whichever name comes first according to the English-language version. The DOS will usually be asked to use the public address system to do so.

**BK2 - 3.15**  
**BK3 - 11.1**  
**BK3 - 11.2**  
**BK4 - 22.1**  
**BK4 - 22.2**  
**BK4 - 22.3**

It is very important to understand that our recurve equipment rules basically describe what is allowed to be used, consequently what is not mentioned is not allowed, while the compound rules to a degree describe what is not allowed, as most equipment is allowed in compound.

#### **3.7.1 Inspection procedures.**

Judges must establish their own routines for the inspection of equipment, but instead of gathering all the Judges in the equipment area, it is recommended to use only 3 (three) Judges for each division for this purpose and to allocate the other Judges to do field control during the official practice (equipment, clothing, timing system, buttresses, illegal shooting technique etc. – see below)





*Figure 9. Equipment Inspection*

Of course, you must be completely familiar with the rules governing each division and disciplines (target, field, etc.) and any interpretations which may have been made regarding it.

***It is the athlete's responsibility to use equipment that complies with the rules. It is our duty to make sure that they comply.***

Today you may find a lot of equipment on the market, and that is a challenge for the Judges, as not all of it is allowed for WA competitions. Generally speaking you must look for the purpose of the equipment and then check if it is complying with the rules.

You must also be updated on the interpretations (you will find the interpretations on the WA web page, under sport, Rules and then scroll down)with regards to equipment, as many of these interpretations are referring to photos, which you don't find in the rule book and which is difficult to otherwise describe. You will find the latest interpretations on the WA web site (Sport\_>rules, then scroll down)

### **Recurve bow**

*Check the overall appearance of the bow, to take note of any differences in general structure.*

*(a) Hold the bow by the limbs in the area closest to the riser, with the string facing you. Never hold the bow by the grip. Your hands may be sweaty or greasy from sun oil etc. and the athlete would not like traces of that on the bow grip.*

*(b) To-day you may find some of the bows have a brace on the riser. Make sure that the brace is not consistently touching the athletes forearm or*

**BK3 - 11.1**  
**BK4 - 22.1**

wrist (to avoid torque). This is often very difficult to observe closely and accurately. One can check that the brace is not being used as a supporting device, during official practice. The Judge may have to observe from behind to be able to watch from the proper angle.

(c) Check the sight; remember the rule about sight pins, hoods, tubes etc. which limits the length to max 2cm in the horizontal level from athlete towards the target. This limitation in size is to avoid using the sight to level the bow.

Fibre optic material to brighten the sight point, is a separate unit as it cannot be practically used together with the sight house. The Technical Committee has made the following statement in that respect:

“Regarding the overall length of the sight, the fibre optic sight pin is considered to be a separate unit which may be a max of 2cm in a straight line. The housing supporting the fibre optic pin may be a max of 2 cm in length. The housing and fibre optic sight pin are measured independently”.

(d) Check the arrow rest, plunger button, and draw check indicator making sure that there is only one audible signal; never touch these items. We are mostly concerned about the distance of the arrow rest from the pivot point (deepest part of the handle), a distance not to exceed four (4) cm, and that no items are electric or electronic.

(e) Check the string and its attachments; with focus on the possibility of finding additional sighting aids. Lately some athletes have turned up with various items on the string obviously not for sighting (may be for better tuning of the bow). However, additional items other than those described in the rule book are not accepted.

(f) Check the tab or glove; If you need to touch these items, be careful you have no sweat or grease on your fingers. There should be no need to touch the surface of the tab, as your attention should be drawn to the other layers of it. Be aware of tabs constructed for more purposes than described in the rules. (see updated rules for finger protection)

### **Compound bow**

To all intents and purposes the compound bow and it's accessories are unlimited. With the following restrictions:

- (a) In all classes, the peak draw weight must not exceed 60lbs.
- (b) There must not be electronics on the bow, sight, and arrow rest or release aid.
- (c) The pressure point of the arrow rest must not be more than 6cm behind the pivot point of the bow (deepest part of the handle grip).
- (d) Either a Lip or a nose marker but not both are attached to the string

**BK3 - 11.2**  
**BK4 - 22.2**

*When checking the drawing weight of a compound bow we use either spring scales or electronic scales that have been specially tested to maintain a tolerance of not more than one pound. Before an inspection of equipment, all of the scales should be compared on a bow and use only the one scale to check all competitors' bows. The individual poundage of each athlete should be written down during the inspection. During the team managers' meeting the teams should be informed of random spot checks that may be carried out during the duration of the competition.*

Generally most athletes now bring a bow to inspection that is well under the draw weight limit to avoid problems. If a bow is checked and is over by less than a one pound of maximum, it is advisable to re-check it. **Do not draw the bow yourself, but always have the athlete draw his/her own bow.** Check to see the athlete is not twisting the scale when drawing, as this can lead to wrong indications on the scale. Unfortunately there have been occasions when spot checks during the competition have shown that compound bows have been above the weight allowed. **Therefore it is of the utmost importance that such spot checks are made, in order to prevent possible cheating.** Without exception, all other equipment of compound athletes, e.g.; arrows, etc., must conform to WA regulations.

In the case of compound bow, the string/cables must not consistently touch the athlete's hand, wrist and/or bow arm and it might be an idea to try to check this during equipment inspection and draw weight check (compound) when you are standing next to the athlete.

The issue of the brace is the same for compound as for recurve. It may even be necessary to use some powder on the arm of the athlete or the brace of the bow for such checking. It will be necessary to obtain the agreement of the athlete before attempting to use the powder, in order to avoid any complaints.

In 2014 we got an interesting interpretation, though, concerning the compound bow. The question was about a relatively huge plate or cover around the scope. For safety issues (impossible to notice anything except from what you saw through the peep/scope), such a plate or cover was deemed illegal for all types of compound events.

### **Barebow**

Officially the Bare Bow Division is only for field Archery, but at national level we also find this division at Indoor and Outdoor Target tournaments. The rules are specified in Field Rules.

**BK4 - 22.3**

### **Arrows**

Check the arrows for initials and other identification marks, check the diameter of the shafts, as there is a restriction on diameter of 9.3 mm, and that the point may be 0.1 mm larger (9.4 mm). Arrow wraps causing the shaft to exceed 9.3 mm diameter are now permitted, so long as they do not extend further than 22cm toward the point of the arrow when measured from the throat-nock hole where the string sits to the end of the wrap.

**BK3 - 11.1.7**  
**BK4 - 22.1.7**  
**BK4 - 22.3.7**

## Uniforms

For World Target Championships, World Cup events and Olympic Games we need to observe the rules concerning athlete's uniform, and we maintain particularly the follow areas that has often been taken less seriously by teams.

*BK3 - 20.1*

Make sure that all members of the same team are wearing the same type of uniform, which means that the team will be required to have the same design and colour in a shirt, whether long or short sleeved and in long or short pants. The team officials may wear a different style, but should wear the same colours and should be easily identified as the official of the team. Be aware, though, that each category of an association, may wear different colours. **However, in the mixed team event the uniform should be the same.**

You must also check that the athletes have their name and the name of their member association (or acronym) on the back of their uniform, and that no open toed or open heel footwear are being used. Remember that the rules also applies to officials (except from their name on the back which is optional) and that these rules are also applicable during official practice.

When checking colours you must allow for small variations like fading due to long wearing, or manufacturing changes. Keep to the main intent, the identification as a team. As for headgear the rules have been modified so athletes many use headgear according to personal style and colour, the chosen head gear should be appropriate for use in World Archery major events.

## 3.8 Advertising

### 3.8.1 Advertising on the Field

There are no restrictions on advertising on the venue equipment, leaving it in the hands of the Organizers to make it easier to get sponsors for tournaments. However, it was the intention of Congress that there should be no advertising signs on the field of play between the archer and the target. Such signs would probably be an obstruction to the athletes while walking to and from the targets and possibly cause accidents. When nameplates or small scoreboards are placed on the field, as often occurs in the Elimination phase of the Olympic Round, advertising may appear on such items. The only concern of the Judges is that such signs must not reflect sunshine or other lights that might distract the athletes.

*BK1 - 1.24*

### 3.8.2 Advertising on the Athlete.

Limitations still exist except for bows and stabilizers. Remember that the limitations are given in square centimetres per item of clothing/equipment. It may be one or more signs, but the total size must be within the limitations given.

*BK1 - 2.2.6*  
*BK1 - 2.2.7*

One of the problems that you may meet is the question of whether you are dealing with 'advertising' or 'trade marks'. Look for the little ® or ©, which means that the trademark is registered as such. That is a good indication even if there may be exceptions.

Inspect the athletes before the commencement of shooting on each day. Remember that the athlete's number is the area of the organizers and is not covered by the limitations of the eligibility code for competitors.

### **3.9 Other Tournament Requirements**

Be certain that chairs and protection are available for the Judges at the waiting line (or the media line).

Be aware that some items are mandatory only for WA Championships. Inspect the leader boards, the general scoreboard, and the scorers' facilities. Ensure that the DOS stand has a good over view of the FoP and the finals field.. Finally, be certain that the access to emergency facilities is known to all Judges and officials, and that they are easily available.

### **3.10 Timing and Sound Devices**

Ensure that the visual and audible timing devices are adequate, function properly for all the variations that may occur during the event, and that the order of shooting device, if required, fulfils its function. Also spare equipment for audible and visual signals must be checked to see that such equipment is present and works properly.

It is important to note the change in rules regarding alternating shooting now taking place according to the countdown clocks. There must, however, be an audible signal to indicate that shooting time has run out. This signal should preferably be different tone from the start- and scoring signals.

### **3.11 Safety**

Safety to the general public, to all competitors and officials is paramount during the competition, and must be maintained at all times. Precautions should be taken to keep spectators back from the shooting range and the distances as indicated in the WA rule book and should be checked to ensure safety.

**BK2 -7.1.1.10**

## 3.12 Field/ Venue Inspections

### 3.12.1 Target Archery

#### Field Markings

Start the field inspection with a sweeping look at the range from the DOS position. Are facilities in place to restrain movement at the sides of the range and behind it? Two purposes are served here. First, is the facility safe, and second, is it reasonably free of distractions for the athlete? Check for indicated shooting lines, waiting lines, media lines, the “valid arrow line” 3 meters in front of the shooting line, and the proper distances between them. It is important that the edge of the three metre line furthest from the athlete should be 3 metres from the centre of the shooting line. It is also important to make sure that the three metre line is fully visible from the shooting line.

Check to see that the distances to target lines are within tolerances and that they are measured to the “centre of the gold” (not to the front legs of the stand). Also check that the field is “squared off”. The easiest method to use in checking for a square field involves the 3-4-5 method of Pythagoras. For example, measure from a corner of the field 40 meters along the shooting line and mark this point. From the same corner, measure along the edge of the field and mark the 30- meter point. The distance between the two marked points must be 50 meters. This process is then repeated on the opposite diagonal corner of the field to ensure it is square. Ensure that the numbers and colours at the shooting line match those on the targets, and that the lane markings are accurate.

Judges must check to see that target numbers and other signs on the field do not reflect the sun towards the shooting line. This should be checked at different times of the day. Also check that the shooting position for each athlete is marked on the shooting line, thus avoiding later problems with athletes trying to get the middle of the target position and thereby causing conflict. Ensure that each athlete has a space of at least 80 cm, and that proper consideration is given to athletes in wheelchairs to allow sufficient space. It is important that the media lane be accessible without passing through the area reserved for athletes and their equipment.

#### The Buttress

Check the buttresses to see that they appear to be able to stop arrows, and are not unduly worn. Spares should be easily available in the event of problems. The angles and the dimensions must be within specifications.

Do also consider the position of the legs of the stand so that arrows partly penetrating the buttress is not damaged by hitting these legs, and certainly not when hitting the yellow area of the face (where they are supposed to hit). Check the numbers and, for outdoor target competition, the wind flags – if any (only mandatory for World Championships, World Cup and Olympic Games) - to see that they meet specifications (Figure 11). Tie downs (figure 12) must be adequate to

**BK2 - 7.1**

**BK2- 7.1.1.2**

**BK2- 7.1.1.7**

**BK2- 7.1.1.8**

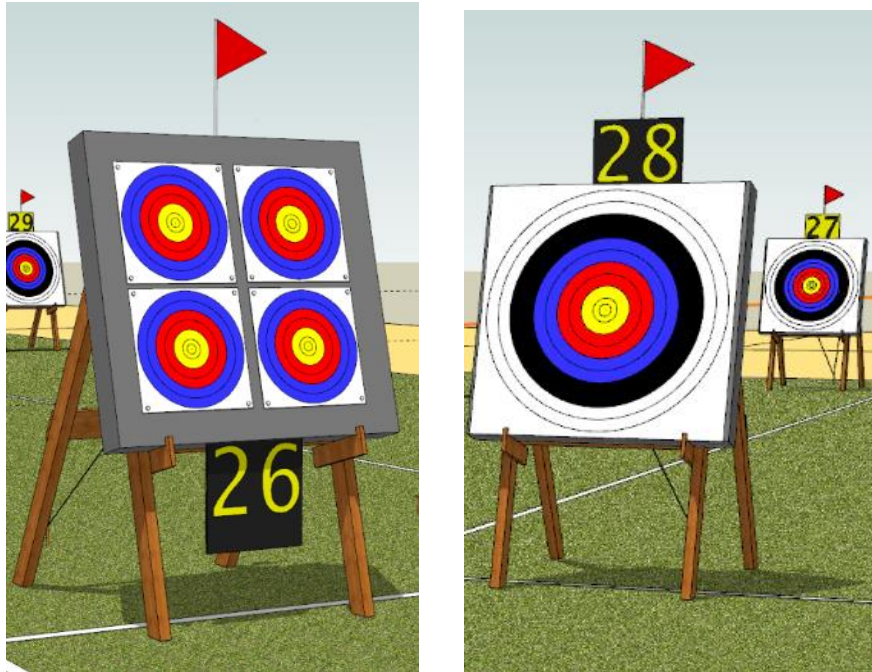
**BK2- 7.1.1.9**

**Image 1 -**

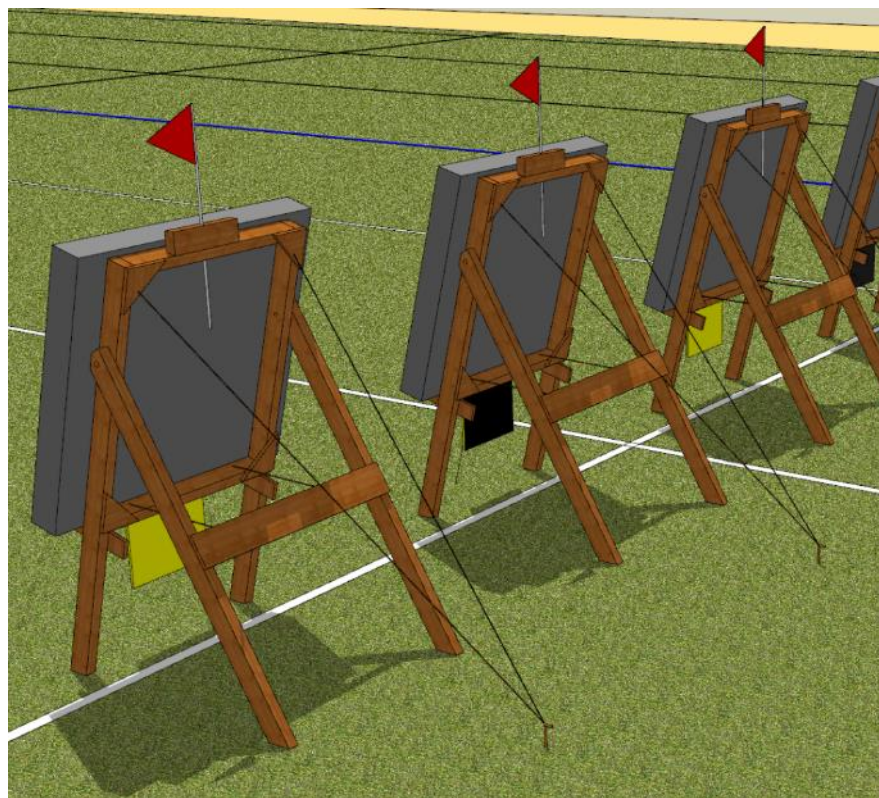
**BK2**

**BK2 - 7.2**

ensure that buttresses are stable in wind and resist movement caused by drawing arrows.



*Figure 10. Target Buttress Front View acceptable configurations*



*Figure 11. Target Buttress Rear View showing tie back*

On the practice days before the tournament, check that the material of the buttresses does not cause the arrows to be excessively deflected after they hit the target. If this problem occurs and the Judges can identify it well in advance, it may be possible to find alternatives to solve it before the actual competition begins.

### **The Target Faces**

After confirming that the target faces are supplied by a WA licensee and that they fit the description given in the rule books, you should measure representative samples of the target faces to be certain they meet tolerance specifications as given.

Take samples from different packages and various positions in the batch within the same package. This is because it is possible that the level of moisture in some packages may be higher than in others and you will need to set some target faces to dry in the sun before you can use them. Moist faces often suffer variations in their size, and especially if they have been soaked wet by rain and then dry again. If this happens during match play and there is a need to change a face, you must change for both athletes. Be certain that there is an adequate supply of all sizes needed.

Targets must be measured on a flat table before the tournament begins, not on the buttress.

Colours are now “standardized”, yet there may be slight variations caused by the paper, sun etc. The most important issue is that the faces in use are uniform in size and colour for each class.

When the target faces are fixed horizontally to the buttresses the centre of the gold will be 130cms above the ground, with a tolerance not exceeding +/- 5cm. Centre faces have a minimum height of 90cm and a maximum height of 172cm to the gold.

We are sure that you also have been aware that the targets in big events, for TV purposes have some visible numbers from 1-10 in the scoring zones. You will not find anything about this in the rules, still this is well accepted.

### **3.12. 2 Indoor Archery**

All markings behind and in front of the shooting line used during indoor events are the same as those used during outdoor competitions, except for the distance between the waiting line and the shooting line which must be at least 3 metres behind the shooting line.

The height of the centres, of the gold, on each target should look straight at all times.

We must ensure through a visual inspection that the source of light used in indoor events, whether natural or artificial, has the same effect on the visibility of the targets, and that the light intensity is the same for each and every target. It is important that where possible and within practical limits, we need to see that arrow shadows do not fall on adjacent competitor's target faces.

**BK2 - 7.2.2**  
( please note that there is a list online on the WA website)

**BK2 - 7.2.2.2**  
**Image 4**



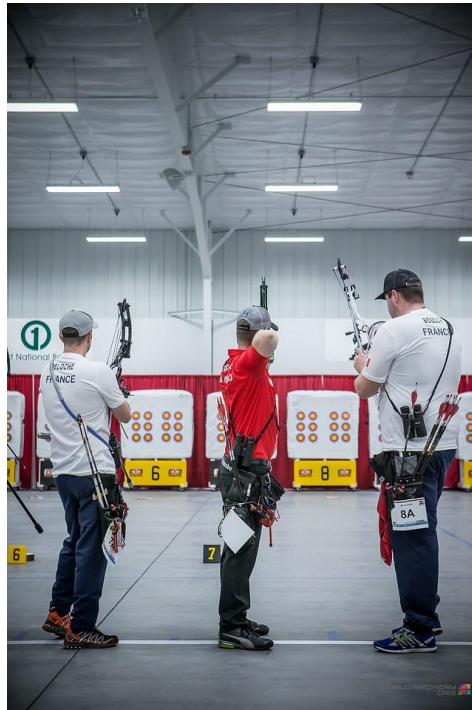


Figure 12. Target Buttress configuration 18m indoor championship

When checking the set-up of indoor faces, you must be aware of the various distances between the rows of faces, some are maximum and some are minimum requirements, and vary depending on the number of faces in use at the various stages and events.

**BK2 - 7.2.4**





## 4.0 TOURNAMENT PROCEDURES-PART I TARGET ARCHERY.

### QUALIFICATION ROUNDS-(RANKING)

#### 4.1 Target Face – Set Up

Often the field crew consists of volunteers that are not necessarily athletes and fixing the face to the buttress may be done without the proper care of having the prescribed space on the buttress outside the scoring zones, and on several occasions it has been observed that the pins which fix the faces to the buttress were placed too close to the scoring zones – and even within the zone. Check carefully in order to prevent this from happening.

When the set-up has three or four centre faces, then the rules give a maximum height for the upper face and minimum height for the lower face, giving a degree of flexibility in order to avoid shooting at the most worn parts of the buttresses, and this must be our guideline when applying the rules. Basically the same idea is used for indoor, except when a team shoot off is required. In this situation one triple face will be set horizontally with the centre of the target face set at 130cm above the floor.

#### 4.2 Practice

For Outdoor and Indoor Target Championships, practice will be for a minimum of twenty (20) minutes and a maximum of forty-five (45) minutes on all days of the Qualification Round. **Practice ends with the pulling of the arrows at the last end of practice.**

The practice targets will be set up at the first distance to be shot by each class. When shooting the Elimination Round and Finals Round, the Organizers may decide on

*BK2 - 7.1.1.3  
BK2 - 7.1.1.4*

*BK3 - 16*

the length of the practice period taking into account the schedule for each day. During practice it has been asked if the coaches are allowed to stand close to the athletes on the shooting line or even walking to the targets. This is a procedure that has been used for some years and there has never been any protest regarding such behaviour. The Judges will therefore consider this to be allowed.

However, the communication between the coach and athlete(s) must not be considered (by the Judge) to be unduly disturbing to the other athletes.

### **4.3 Rechecking of Venue Equipment**

During the practice period before the competition, the Judges must re-check their assigned targets, and be certain that no changes have occurred overnight whether by vandalism or accident. Do a quick walk around to be sure that everything is correct. Using the practice period for the re-checking, enables you to be available in case questions or other matters arise that need to be solved before the competition starts. During this period you may also check the quality of the butts, and you are able to check the quality of the timing signals and how they are used.

As a result of the rule of only one Judge call for arrow values, there is not the same need for the number of Judges on the field as before and the Chairperson of the Judge Commission should allocate Judges to carry this form of control.

### **4.4 Rechecking of Athletes Equipment.**

It is very important that you take a look at the athletes' equipment while in use to see if there is anything that seems to be illegal; like sound preventing items, spectacles, sunglasses or eye-patches to see if they comply with the rules, possible use of bow braces for support, more than the described distance of "overdraw" etc. Spot-tests of compound draw weights are essential. Such tests however, should not interfere with the efficient running of the tournament nor be off-putting to the athletes.

Furthermore it also gives the opportunity to control advertising, the number of team officials and the dress code, all of which are important issues.

*If a piece of illegal equipment is found or an illegal use of equipment is discovered during such on-going checking, the Judge must immediately take action in order to avoid someone taking advantage over other athletes in an unfair way.*

**BK3 – 18.1.2**  
**BK3 – 20.1**  
**BK1 – 2.2.7**

When this happens (is discovered) the Judge will approach the team manager (or the athlete if no team manager is available) advising him or her that the athlete has to correct the equipment or use equipment according to the rules. As the athlete has the responsibility of using correct equipment, the Judge will face the issue of what to do with the scores achieved up to the time of correction. The rules do not advise any automatic reaction to such situations, and if the athlete has had no advantage from the illegal equipment or its use, to comply with the rules upon the advice of the Judge will be sufficient action.

If, on the other hand, the consideration of the Judge(s) is that the athlete, by using the illegal equipment, is found to have gained a significant advantage over the other athletes then a disqualification of those scores may be a fair solution.

*In other words you have to evaluate the specific situation conscientiously by considering the type of equipment, the conditions under which it was used and how many ends have been shot, before you make a decision.*

*Discussion with the Chairperson is essential before any decision to disqualify scores can be considered.*

## **4.5 On the Shooting Line**

### **4.5.1 Shooting Positions**

You must check that the athlete's position on the line does not create conflict.

**BK2 - 3.12**

### **4.5.2 High draw**

Judges must be concerned with safety aspects at all times during a competition. If, in the opinion of the Judge, an athlete is using a technique to draw back the string which could allow the arrow, if accidentally released, to fly beyond a safety zone or safety arrangements (overshoot area, net wall etc;), the athlete must be advised to change her/his technique. If an athlete persists in using such a technique after being informed of this irregularity, then in the interest of safety the athlete will be asked by the Chairperson of the Judges' Commission and/or the DOS to stop shooting immediately and leave the field.

**BK3 - 15.4.6**

However, it is not always easy to determine what constitutes a high draw. It is not necessarily a high draw when an athlete is lifting the bow-arm above shoulder level. The safety issue is a factor only when there is a considerable pull on the string (or beyond the peak weight point of a compound bow).



*Figure 13. High Draw?*

The Judge must therefore consider the position of the bow arm and the direction of the arrow at the moment the string is pulled back. Besides, it is a fact that there is more reason to be concerned about compound athletes than recurve, as the latter has more control vis-à-vis an unintentional release. Another issue in this respect is if there is a safety issue at the specific venue. The background may be totally safe, irrespectively of how the athletes are drawing the bow.

During the last couple of years we have also seen that several athletes are pulling their bow sidewise, which especially in a Finals field means that the pull in fact is directed towards the spectators. This is of course not acceptable, and have to be picked up by the judges as early as possible.

Considering these parameters, there will always be wise to have more Judges to study the athlete in question, also involving the Chairperson.

#### 4.6 The 3 Metre Line – Valid Arrows

**BK2 - 7.1.1.9**

The line 3 metres in front of the shooting line to create greater fairness to athletes in a situation where an arrow drops down from the bow or is miss-shot for some reason. The rule refers to a part of the arrow shaft needing to be within the 3 metre-zone to be considered as having been not shot. This is to indicate that a nock or vane that might have fallen off is not enough to be allowed to shoot another arrow. Even if only the nock of the arrow is within the 3m zone, as long as it is still attached to the shaft, it will be enough to allow another arrow to be shot.

Remember that the 3m metre line is really a two dimensional plain that projects vertically above the 3m line as can be seen in Figure 14.

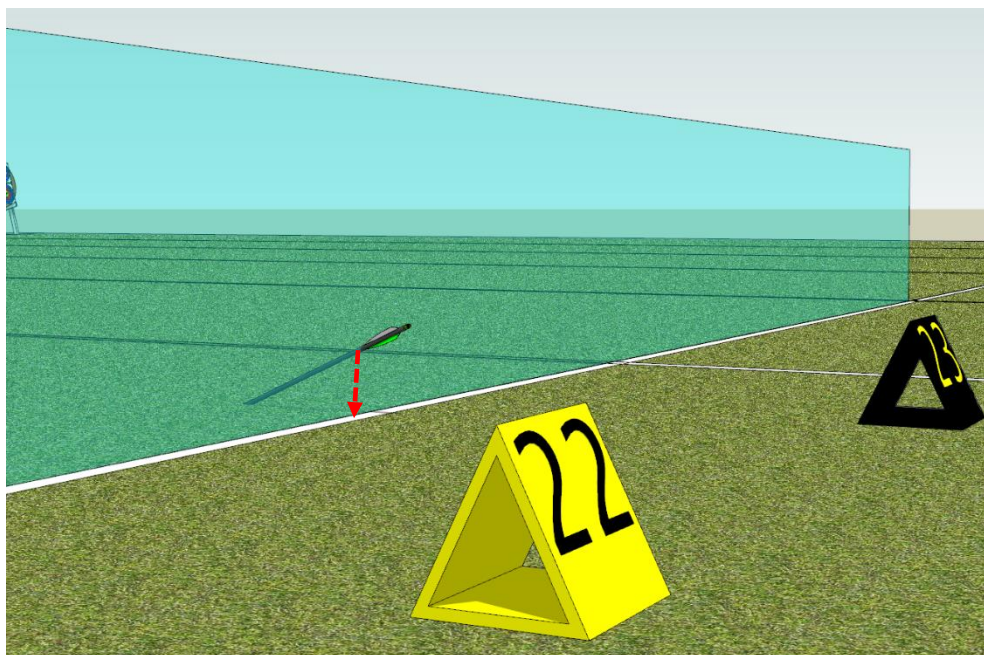


Figure 14. 3 - Metre Line

The smoothest way of dealing with a drop-down arrow is that the athlete, seeing that the arrow is within the 3m line, shoots another arrow within the time limit. However, knowing that such drop-down is often the result of an equipment failure (e.g. broken nock), it might be dealt with as such, if the athlete stops shooting and calls a Judge. Then the Judge can go to the 3m line to check the position of the arrow when the end is finished, and take care of possible remaining arrows to be shot.

The above procedure is applicable for qualification round but not for the match play round as there is no provision of make-up arrows. In-case if a similar situation arises in a match-play, then the judge must advise the archer to decide by himself/herself if the arrow is within the 3m line or not and decide accordingly. Upon the end of shooting for the set/end, the judge shall move to the shooting line and try to infer from the athlete's position if the arrow appeared to be in or out. While doing this they need to keep in mind the height of the archer which gives the angle of vision as that might affect the judgement as well. In any condition the benefit of the doubt must always be in the favour of the archer. If the arrow appears to be within the 3m line the judge declares the arrow to have not been shot, but in case if the arrow appears to be outside the 3m line then the judge moves to the 3m line and gives his final verdict based on the actual position of the arrow in order to avoid any mistake.

*This situation is one of two possible situations, in which the athlete may be allowed to re-shoot an arrow.*

#### 4.7 Coaching information and athletes on the line

While an athlete is on the shooting line she/he may receive non-electronic coaching information from the team management, provided that this does not disturb the other athletes.

**BK3 - 12.6**

The question that remains is “when does it disturb the other athletes”? Of course we are talking about an objective standard, and experience has shown that information with normal voice level, or of course with signs, is acceptable.

*The intention is to not allow any conversation between athlete and management, the athlete is not to speak from the shooting line. That may easily cause a disturbance to the other athletes.*

#### 4.8 Use of Telescopes

Scopes when used on the shooting line must be adjusted so the highest portion of the scope is no higher than the armpit (ref Figure.15) of the athlete using it (so that they do not prevent clear images for photographers).

**BK3 –  
11.1.9.2**

When three athletes stand on the line at the same time, they need not remove their telescopes when they leave the shooting line.

When **four athletes shoot in two details**, the scopes must be removed, unless two athletes on different details agree to use the same telescope. **In this case the height of the scope cannot be higher than the armpit height of the shorter athlete.**

While **scopes are not allowed** in the **finals field**, archers **allowed to have binoculars** for their use even when there are digital screens present.



*Figure 15. Scopes on the shooting line.  
On the Left hand side, the preferred position, whilst the right hand side note that  
the athlete's scope is set to high.*

#### **4.9 Athletes leaving the line.**

The rules tell us that athletes have to leave the line when they have finished their shooting. The intention is to avoid having any unnecessary delays, so the importance of this rule concerns those athletes who are the last ones on the line.

We are not concerned about the athlete who out of courtesy to a neighbour still shooting, remains on the line in order not to disturb.

**Another issue is athletes who leave the shooting line and return to continue shooting within the time limit given. First of all it must be clear that this is not forbidden unless it is done repeatedly to disturb opponent(s). However, it is the responsibility of the athlete to return to the line before the end is finished.**

#### **4.10 Electronic communication.**

For some time now there has been a discussion of whether team management may use electronic communication between themselves (but not the athletes) behind the waiting line. It has also raised the question of using cellular phones behind the waiting line. All of this is now accepted (except for the Olympics, World Championships Finals, and World Cup Event Finals – and principally for image reasons).

**BK3 - 12.6**

## 4.11 Target Anomalies

### 4.11.1 Bouncers

**BK3 -  
14.2.6.1**

The Judge, on being notified of this situation, will proceed to the shooting line to determine the exact problem then retire to the waiting line. As the line is clearing the Judge will move to the shooting line, and indicate the problem to the DOS by visual signals or by radio communication (if any).

The signal will include the number of arrows left to shoot. The DOS will ask athletes to wait until the matter has been sorted out. The athlete with the bouncer (or the team manager or designated official) and the Judge will advance to the target. The Judge will first locate the arrow and, considering its position on the ground or elsewhere, will decide whether it was possibly a bouncer or not. He or she will then attempt to locate the mark left by the bouncer. If it can be found, the Judge will record the value in his/her notebook, mark the hole, and place the arrow in question behind the target. Before marking the hole, the Judge should make sure that there are no arrows on the target whose value could possibly be questioned by the athletes at the moment of scoring. **If there is an arrow close to a scoring line, the Judge should follow the proper procedure to decide the value of the arrow before marking the hole.** In such cases the Judge will take note of the score(s) in the notebook.

*If the Judge finds more than one unmarked hole in the target face, he/she will give the arrow the lowest value of the unmarked scoring holes.*

If there are arrows still to be shot by athletes on that target, the end will be completed before the whole line scores that end.

The Judge present at the situation in question, will, during the scoring, confirm the value of the arrow that bounced from the target.

### 4.11.2 Pass-Through

**BK3 -  
14.2.6.2**

The procedure for a pass-through is similar to a bouncer, although a pass-through is not always discovered until the athletes are at the target for scoring. Where a pass through is discovered all the athletes that shot on that target will move forward in case the target buttress has to be replaced and scoring of the shot arrows has to be done.

When a pass-through is claimed, the Judge should first try to locate the arrow either on the ground or possibly embedded in the target in such a way that it is not possible to see its nock. Once the Judge is certain that the arrow really is a pass-through, judged by its position on the ground and/or other proofs, he or she should try to identify the hole and the value. Sometimes this can be done because of marks from the vanes of an arrow passing through, occasionally you will find several unmarked holes, although only one hole in an area on the target where a pass through might happen. Only if you cannot identify the hole, then the lowest unmarked hole will be scored.



If the arrow is deeply embedded in the butt the Judge must try to identify the value of the arrow before pushing it back to the front of the buttress. This may be done by measuring the distance to other arrows on the backside or to the edge of the butt.

*Pushing back the arrow should only happen if it is necessary to identify the value of the arrow and should not be done until all other arrows have been scored.*

Extreme caution must be taken to ensure that the arrow is pushed back at the same angle it entered the buttress.

If a pass through occurs, then the buttress should be replaced or strengthened by any appropriate means to avoid any further occurrences.

#### **4.11.3 Hanging Arrows**

If an arrow is hanging across the target face, but not properly embedded in the buttress, all shooting on the buttress must cease immediately in order to reduce the risk of the arrow falling out of the target, or being damaged by another arrow. Then the procedure is the same as for a bouncer and a pass-through.

*The value of a hanging arrow is Judged by its impact on the scoring zone from which it is hanging.*

Sometimes the shaft of a hanging arrow is touching a number of scoring zones, but this has no significance on the actual score.

#### **4.11.4 Indoor Scoring**

Occasionally athletes are making mistakes (or misses) when shooting at multiple centre faces, and thereby shooting two arrows in one centre; i.e. with a 10 and 9 in the upper centre, no arrows in the middle centre and an 8 in the lower centre. The rules tell us that if you have two arrows in one centre, the higher value will become a miss; then you have here 9-8-M.

Sometimes the athlete is trying to compensate by shooting another arrow in the open centre; in our example thus having 10 and 9 in the upper centre, a 10 in the middle centre and an 8 in the lower centre. We know that if you shoot more arrows than you should you score the lowest three scores, but to find these scores you must first deal with the situation in the upper centre; here we have 9-M-10-8 (organized to 10-9-8-M). The three lowest values will then be 9-8-M in our example.

More seldom you find an athlete making these double mistakes and even make a third mistake by shooting one of the arrows out of time. The procedure will then be a) take care of two arrows in one centre, b) find the lowest three scores and c) cross over and change to M the highest of the three. In our example the results would be  $9-M-8-M=8$  points.

You will always make it right if you use the correct procedure.

**BK3 -  
14.2.6.1**

## 4.12 Equipment Failures

Should an athlete experience failure of his/her equipment during an end, he/she will immediately call a Judge. The Judge will approach the athlete, to be convinced that there actually is an equipment failure. The Judge will retire to the waiting line after finding out how many arrows are left to be shot, and the athlete's estimate of the time needed to effect repairs. The DOS must be advised as soon as possible by radio or, just before the shooting line clears, the Judge will move to the line, and will signal the DOS of the equipment failure. This is necessary to avoid the DOS sending the athletes forward to score when the line clears. If the athlete is then able to make up the remaining arrows the Judge will indicate to the DOS the number of arrows left to shoot. If the athlete is unable to continue at that time the Judge will give the signal for the DOS to proceed with the scoring.

**BK3 - 12.2.4**

In all cases the make-up arrows will be shot at the earliest possible opportunity. An equipment failure is to replace or repair items for which the athlete could not be expected to foresee a problem. Broken strings or nocks, loose sights, damaged tabs, shifted clickers and the like are equipment failures. It is not designed to allow an athlete to re-serve a string, re-fletch an arrow and so on, for which replacements should be on hand. However for national or local tournaments it might be necessary to be a bit more lenient.

The rules allow a maximum of 15 minutes to make up the arrows not shot at any equipment failure. This is meant to apply for severe problems and it will be practical to make up arrows after the last end of the distance (as soon as the scoring of the last end is completed). Common sense must apply and there will be no timing of 15 minutes, but the athlete will be given a certain number of ends to be shot with a normal scoring procedure after each end, applicable to approx. 15 minutes.

**BK3 - 15.2.2**

If the equipment failure occurs in the end of a distance, you may give the athlete some time to repair the equipment before making up arrows not shot.

**BK3 - 12.2.4**  
**BK3 - 12.2.5**

*Please note that the rule applies for "any equipment failure", so if an athlete unfortunately gets a second or more equipment failures, they will be handled in the same way.*

NOTES: The athlete may take as long as he/she needs to repair the equipment. However, making up the missed arrows may not take more than approximately 15 minutes.

*Furthermore, athletes with equipment failures will not be given time to make practice arrows after correcting such failures.*

*In the match play phase of the competition there is no time allowed for equipment failure.*

Toilet breaks are not considered equipment failures, though the rules do allow athletes to appoint others to score for them, or to change places in the shooting order with another athlete in order to allow time for such necessities. If the problem seems

to be of an epidemic character, the Judges and DOS will find a common sense solution.

#### 4.13 Medical Problems

Muscular stress or injury is not considered as equipment failure. It is the athlete's responsibility to be fit for the competition. But be aware that recently, rules have been accepted regarding an unexpected medical problem occurring during the competition. Medical personnel should determine the extent of the problem and the fitness of the athlete to continue competing, without assistance. Making up missed arrows is similar to that of equipment failures.

**BK3 - 12.2.6**

*These medical rules are not valid for match play phases of the competition.*

#### 4.14 Multiple arrows make up.

When there are athletes who are going to make up arrows after bouncers, equipment failures etc., having various numbers of arrows to be shot at the same time, there may be two options of organizing the shoot. If there are few athletes, they will be called to the shooting line at the same time. The timing will reflect the highest number of arrows and a Judge will indicate to the individual athletes when to start shooting by a verbal "start" when the time corresponds to the number of arrows left. The Judge should instruct the athletes of the procedure before commencing shooting. If there are a lot of athletes, they will be handled separately according to the number of arrows to be shot.

**BK3 - 13.4.2**

*The time allotted for each arrow to be shot will be forty seconds.*

#### 4.15 Shooting Before and After the Signal

As athletes are not allowed to raise the bow arm until the signal is given, shooting before the signal is rare. More often you will face the problem of an athlete shooting after the time limit has expired, letting the arrow go on or closely after the signal (the first audio sound is the indication that the time has expired).

**BK3 - 15.2.3**

Before you take action, **you must be absolutely** sure that the time limit had expired - often a difficult judgment. You must take into consideration that you may have heard the sound signal before the competitor. This is a reality if you are standing closer to the sound source.

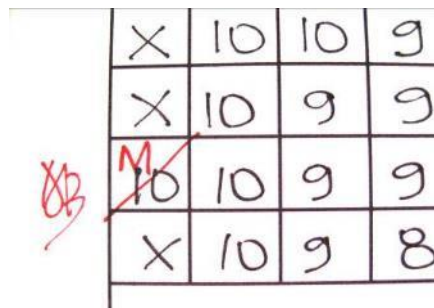
*It is also very important that you position yourself in time to see the release of the arrow, which is the decisive point of your decision.*

You may, if practical, consult the DOS on the situation, as he/she is supposed to have watched the situation closely.

If an arrow is shot simultaneously with the start of the stop shooting signal, the athlete must be given the benefit of the doubt. When an arrow has been shot before or after the timing signal, the athlete will forfeit the highest scoring arrow of that end. You will indicate this by showing a red card. The value of each of the arrows

shot (3 or 6) shall be entered in the scorecard. The Judge will then make the correction and will initial it in red (Figure 16).

**For an arrow shot on the competition field after the closure of the practice session and before the start of the competition, or during breaks, the athlete will lose the highest scoring arrow of the next end; however he/she will shoot 3 or 6 arrows as the case may be in that end. It would be advisable to inform the athlete to shoot a full end, record all the arrows and then the Judge will change the score sheet. If this happens a red card will be shown at the conclusion of the end.**



X	10	10	9
X	10	9	9
<del>M</del>	<del>10</del>	<del>10</del>	<del>9</del>
X	10	9	8

Figure 16. Scorecard corrections.

## 4.16 Discrepancies between Sound and Timing Signals

BK2 - 7.2.5.1

### Sound Signals

The rules say that the audible signal is valid if there is a discrepancy between it and the lights. So if the differential between the two is a matter of a second or so, the sound is to be considered the correct valid function. If, however, the DOS or whoever is supposed to be giving the acoustic signal, due to lack of attention, or an interruption (such as someone talking to him/her) fails to do so for several seconds, you must use common sense. **Your action in this case should be to discover which control was in fact accurate and make a decision to the advantage of the athletes, who should not be penalized because of an official's oversight.** This is even more important if the sound signal is given before the end of the prescribed time.

### 4.16.1 Timing Signals

For a long time there has been discussion between Judges as to how to handle situations when there has been something wrong with the time warning signal (yellow lights, clocks etc.) causing athletes to not be able to shoot their last arrow(s) before the sound signal to stop shooting is given at the correct time, or to shoot in a hurry if the timing on the clock is set incorrectly too short.

a) The athlete has the right to have the correct time warning signal 30 sec before the end of the time period. If less than 30 seconds is given the athlete will be allowed 40 sec per arrow to shoot the remaining arrow(s) – even if the total timing (2 min or 4 min) has been correct.

However, athletes will not be allowed to make up arrow(s) if there are other means of timing, in function, which they can see – e.g. if there is a countdown clock easily visible while the lights are not functioning correctly. Make a fair judgment on the actual situation and give the benefit of doubt to the advantage of the athlete involved. However, be aware that when shooting single arrow ends a warning signal may not be given.

You should also be aware that if the clocks or lights disappear, the end will not stop. Most athletes have their trained rhythm and will continue to shoot well within time, and if they stop shooting, we follow the procedure mentioned above.

b) If too short timeframe is set on the clocks by a mistake, it is advisable to “black out” the timing to avoid athletes being stressed by the short time frame, and at the same time to stop shooting. The athletes will either continue to shoot or stop, as mentioned above – and the judges will handle the situation in the best interest of the athletes.

***On occasions (mostly when athletes have to make up arrows due to bouncers, equipment failures etc.) Judges have taken over the timing responsibility. However, Judges are not timers – in fact they are there to control the conduct of timing.***

*Therefore as a basic procedure the DOS or the deputies shall do the timing in all situations where timing is necessary.*

#### **4.17 Judges Position during Scoring**

After the signal to proceed with scoring, Judges will move to the targets as a unit, in line. They will remain at their designated positions, approx. 10 meters in front of the targets assigned to them. If called for assistance, they will carry out the task and return to their position facing the targets.

If a Judge assigned to the targets on either side of you is busy and assistance is required at another of his or her targets offer your assistance immediately and when finished return to your designated location.

When all of the athletes have completed their scoring, and passed through the Judges, the Judges will make certain that no one is behind the targets and their assigned targets are clear (no arrows left) and safe (e.g. target face in good shape). At that time the Judges will leave the field as a unit, indicating to the DOS that the field is clear and safe. ref. section 5.2 (Elimination Round of the Olympic Round).

### Qualification & Elimination Round

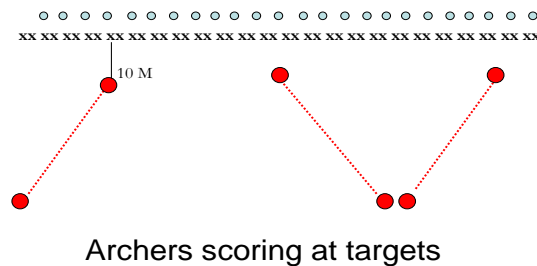


Figure 17. Judges position during scoring

Judges are to move from the shooting line in one band stopping 10 m behind the athletes whilst they proceed to score.

#### 4.18 Arrow Values – No Second Call

Judging arrow values in the target is one of the Judges most important responsibilities, especially since the call of a single Judge is final. You will get the athletes' respect and trust if you do this important job professionally.

**BK3 - 14.1.3**  
**BK3 - 14.1.5**  
**BK3 - 14.2**

It is vital that you meet the problem in a proper way;

- (a) *Always use your magnifying glass*
- (b) *Always view the arrow from both sides – once*
- (c) *Always view the arrow from a position close to right angles (90 degrees) with the arrow shaft, parallel to the target face.*
- (d) *Always try to avoid touching the face, butt or arrows.*
- (e) *Always give a clear value of the arrow.*
- (f) *Always check that your called value is scored.*

Never ask to whom the questionable arrow belongs, and refrain from making comments on how difficult it is for you to Judge the arrow.

***Be firm in your announcement of the decision you have made, e.g.  
 “The arrow is a nine.”***

When the dividing line is not present, you may sometimes find it necessary to look at the line from a position right in front of the target, from where you will be able to better estimate the probable radius of the missing section of the line. Do this only after you have tried to Judge the arrow with your magnifying glass from both sides.

Always remember that there is no dividing line between values 2 and 3, and between values 4 and 5. We are often surprised by the number of athletes around the world who claim that their arrow is a 5 because it touches a darker line on the inside border of the black. They are actually referring to the zone where the two colours overlap. This area belongs to the 4 points scoring zone.

Apply these guidelines in your judging:

(1). *If the dividing line is not intact or if it is displaced by an arrow in the area in question, try to visualize the imaginary circumference of the original circle.*

(2). *Do not take too long in making your decision. If you are not sure, give the higher value. Remember that the athlete gets the benefit of the doubt.*

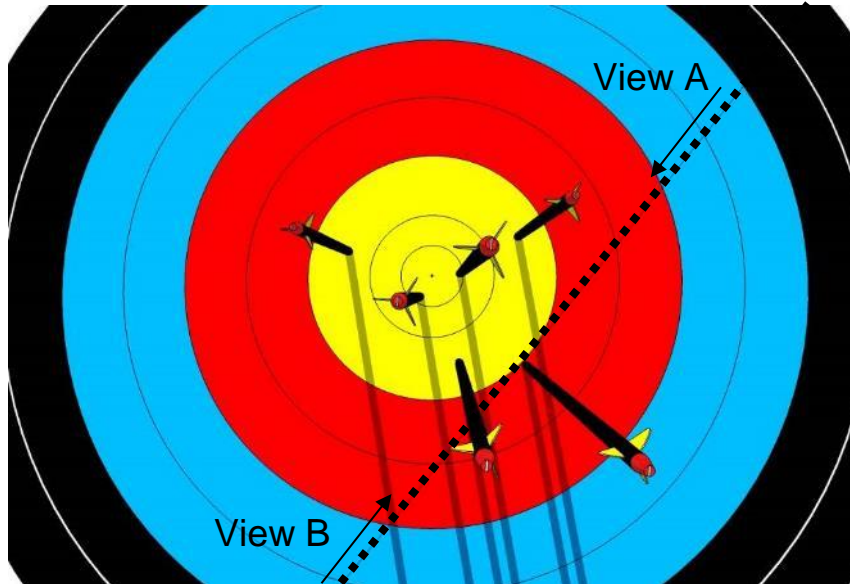
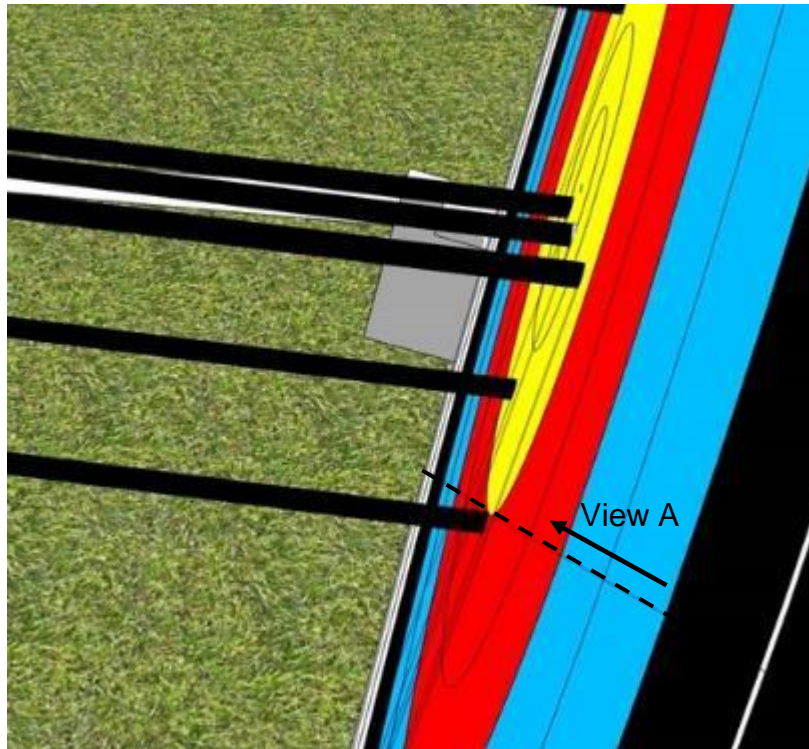


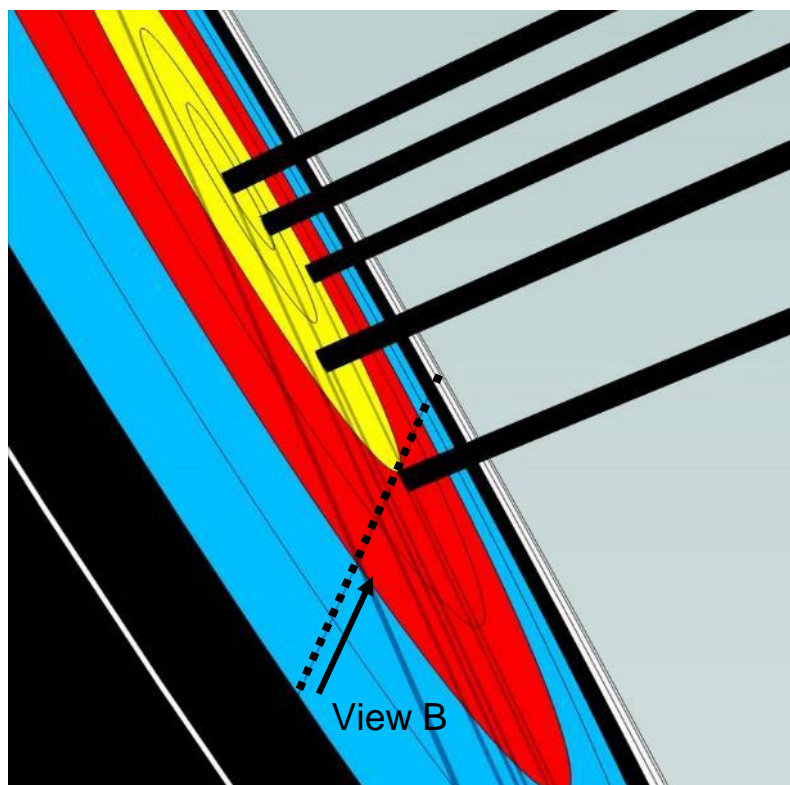
Figure 18. Scoring an Arrow

*(The arrow on the bottom right of the target above (figure 18) is very close to the line and requires a Judge to decide on the arrow value. The first impression of the target, is a frontal view which in many cases can be misleading, because of this, arrow calls should not be determine from this view. It is always necessary to take a tangential view point toward the scoring ring and the arrow impact point from the upper right hand corner of the target toward the arrow ( View A) and from the bottom again toward the arrow ( View B)). An inspection from in front of the target may be required when the scoring ring is missing.*





*Figure 19. (above) viewed from above and 20. (below) viewed from below  
Scoring an Arrow as seen from View Point A and View Point B.  
The arrow to be scored should be viewed tangentially to the scoring ring from above  
and below. In these figures you have a general view of the questionable arrow  
looking up/down the tangential line.*



**Once a Judge has decided on the value of an arrow still in the target, there can be no second call or appeal.**



There may be situations where you are asked to make a call regarding an arrow which is not questionable at all, and where it would look rather ridiculous to follow the procedure described above. In such situations it may be wise to ask the athletes about their opinion, upon which they normally will agree to the actual value without further assistance from you.

**BK3 - 14.1.3**  
**BK3 - 14.1.5**

#### **4.19 Number of Arrows Shot – In /Out of time**

On occasion athletes may for one reason or another shoot more arrows than permitted or even shoot arrows before or after the timing signals to commence and to stop respectively. In the latter situation the Judge is required to take action to adjust the score on the score card. If an arrow is shot out of time it is imperative that you give a red card and that the original scores are duly noted on the score card as these actions are subject to appeal.

**BK3 - 14.2.2**  
**BK3 - 15.2.6**

##### **4.19.1 Too Many Arrows Shot.**

If an athlete shoots more arrows than is permitted in the allotted time, then, depending of the round being shot, the lowest six arrows or lowest three arrows will be scored. The same solution is for teams and mixed team when shooting simultaneously.

##### **4.19.2 Multiple Violations.**

If an athlete shoots an arrow out of time, and also shoots too many arrows, then multiple violations have occurred. In this situation, the lowest six/three arrows will be scored according to their values in the target, and then the highest score (of the six/three) will be crossed over and corrected to a Miss.

#### **4.20 Scorecards and Scorecard Corrections**

In both Outdoor and Indoor tournaments where there are no official scorers the athletes score themselves often using two sets of scorecards. Should there be a discrepancy in the arrow values between the two sets, the lower value will be the valid one.

**BK3 - 17.1.1**

However, a mistake on the scorecard may be corrected by the athletes before the arrows are drawn, provided that all the athletes on the target agree on the correction and initial it. Should you as a Judge be asked to make the correction, do so - but at the same time inform the athletes that they are supposed to handle the issue themselves.

On the final end of the round, the athletes are required to sign the score card. This action signifies that the athletes agree with the written arrow values, the sum total indicated at the bottom of the score card, the number of 10's and X's and thus also the winner of a match.

Recently there have been multiple cases where both the archers in a match-play did not sign the score card. Under such scenario, both the archers are disqualified from the tournament and the archer in the next stage of the elimination bracket gets a bye.

## 4.21 Marking Holes

Many athletes feel that it is necessary to mark all holes on the target face, both inside and outside the actual scoring area. Some mark all holes on the buttress and even the holes in the wood of the target stand.

The rules state “An arrow hitting the target and rebounding, shall score according to its impact on the target face, provided all arrow holes have been marked and an unmarked hole or mark can be identified” The key words are "target face", the 40, 60, 80 or 122cm scoring zones. Holes outside the scoring zones will not be taken into consideration.

*Marking holes is not the responsibility of the Judges.*



*Figure 21. Marking of arrow holes*

It is only in special circumstances clearly described in the rules and in this Guide Book that a Judge is expected to mark holes. However, if you are checking a target face to evaluate a possible replacement or to assess the conditions of the dividing lines, and you find an unmarked hole, mark it, make the athletes on that target aware of their responsibility, and advise their Team managers of your action.

Very often the athletes on one target distribute responsibilities and they appoint one athlete to mark the holes, another to pull the arrows, etc. Such an action by the Judge will instil in the athletes, the need for marking the holes. You will often be surprised that even experienced athletes do not mark the holes properly. Teach the athletes to mark holes with short lines, not longer than 5 millimetres. Two lines in a right angle are enough.

Be aware that some athletes, at indoor events mostly, are marking the holes boldly in order to get a better aiming point in the centre, or even enlarging some holes for the same purpose. This is certainly not acceptable; you will change the face and advise the athletes.

#### **4.22 Arrows Left in Target.**

If arrows are inadvertently left in the target butt, the shooting will not be interrupted.

#### **4.23 Problems on the Target**

Not all problematic instances at the target are handled from the target line. In windy conditions target faces may become loose. If a target works loose in the wind and, for example, one corner hangs over a scoring area in the middle of an end, the athletes of that target will stop shooting until the whole line has finished. The Judge will then proceed to the target with the athletes when the other athletes on the field have finished their end, record the value of the arrows in his/her notebook, mark the holes, have the arrows pulled and fix the target.

The Judge will return to the shooting line with the athletes and signal to the DOS the number of arrows still to be shot by the athletes concerned, who will then shoot their remaining arrow(s) before general scoring takes place. The Judge will participate in the scoring of the target concerned.

#### **4.24 Fallen Buttress**

If the target face or target buttress blows over (in spite of having been fixed and pegged down to the satisfaction of the Judges), the Judge assigned to such a target will take whatever measures deemed necessary, and ensure adequate time for shooting the remaining number of arrows once the situation on that target buttress has been carefully assessed.

If it is evident that the arrows have been broken or dislodged from the impact position or if it is impossible to determine the precise impact point and hence the value of the arrows, then the assigned Judge decides what action to take. Only arrows that are impossible to score should be considered as having been not shot.

*This situation is the second of two possible situations, in which the athlete may be allowed to re-shoot his/her arrows.*

#### **4.25 Qualification Round shoot-off procedures.**

If the athletes are tied at a position at the end of the qualification round, where all the athletes concerned advance to the next stage of the competition within the pairing chart, the tie is solved by counting the number of tens (*including both 10s and X's*), and then the number of X's.

The Judges do not necessarily have to become involved in this procedure, which is normally done by the electronic results system. Your job here is to check, before the competition begins, that the computers can actually solve ties following this procedure. If these athletes have the same number of tens and X's, then a Judge should make a draw unless this is generated by computer.

**BK3 - 14.3.1**  
**BK3 - 14.3.2**

**BK3 - 12.5.1**  
**bullet 2**

**BK3 - 14.5.2**

Until official information about shoot-offs is given, athletes must remain on the competition field. An athlete who is not present to participate in an announced shoot-off match will be declared the loser of that match.

If the athletes are tied in a position where one athlete advances to the next stage and the other is eliminated, then a shoot-off will be necessary. Be aware when 104 athletes qualify, the 8 top athletes will have two byes, **a tie for the 8<sup>th</sup> place therefore also requires a shoot off.**

The shoot-off will consist of a one-arrow end at the last distance shot in the qualification round. The organizers will set up two targets in the centre of the field (or somewhere else more visible to the public). If the last distance was 30m shot on 80cm centre faces (with three or four faces on the target), the same set-up will be used for the shoot off and the athletes will shoot at the same centre as they did during the competition (A, B, C or D). The athletes will shoot their arrow simultaneously within 40 seconds. Sometimes these targets are quite far from the Director of Shooting, and it is the Judge on the line who must signal to the DOS when the athletes are ready to start. Make sure no one but the athletes involved walk in front of the waiting line.

Each athlete will shoot a single arrow for score. If the score is the same, the athletes with the arrow closest to the centre after measuring will be declared the winner. In case of outdoor individual qualification round, if **both the archers shoot a 10 in recurve or 'X' in compound**, they will move to a 2<sup>nd</sup> shoot-off. Under the above-mentioned circumstance, the procedure of **measuring closer to the centre will not happen for the case of 1<sup>st</sup> shoot-off**. They will then shoot a second arrow, after which if the score is the same, the athlete with the arrow closest to the centre will be declared the winner. If tied for score and distance from the centre, the procedure will be repeated till a winner can be declared.

**BK3 -  
14.5.2.1**

When measuring the distance from the centre this should preferably be done by using a measuring device that can be locked and transposed from one target to another. Do not use digital devices for measuring the distance from the centre to the arrow. If the distance is very close and you are in doubt, declare both athletes still tied and allow them to shoot another arrow.

#### **4.26 Unsportsmanlike Behaviour.**

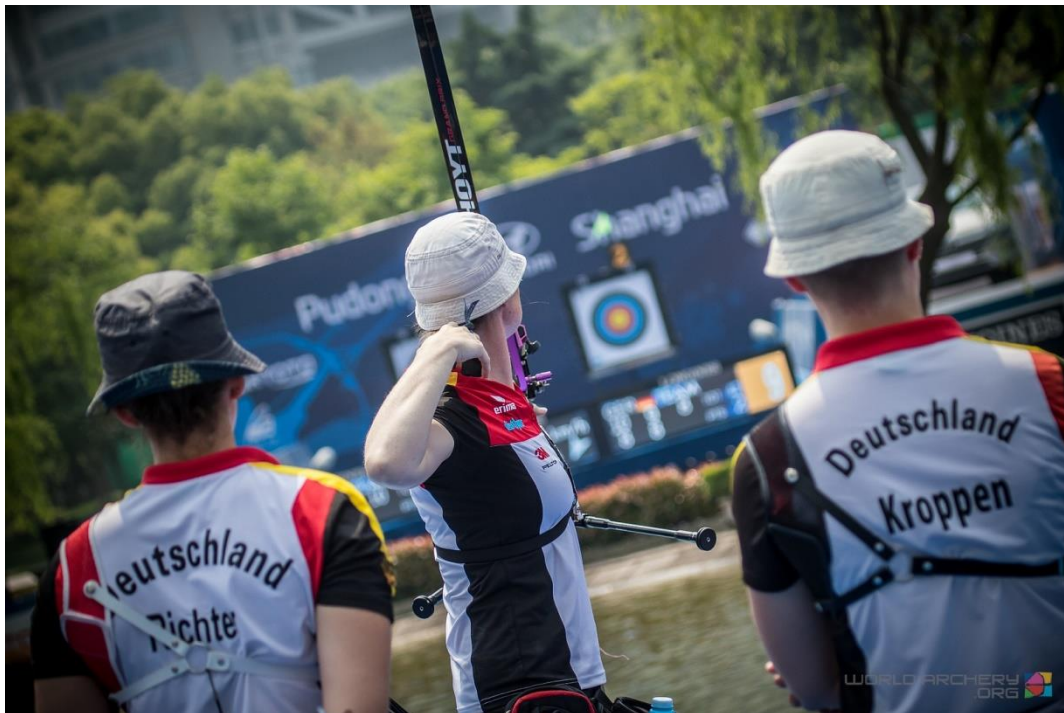
**BK3 -  
15.1.7.1**

The rule book now addresses the issue of un-sportsmanlike behaviour, it goes on to say that that Un-sportsmanlike behaviour shall not be tolerated. Such conduct by an athlete or anyone deemed to assisting an athlete shall result in disqualification of the athlete in question and may further result in suspension from future events.

This is one of those judging grey areas. What can be considered as un-sportsmanlike behaviour? The interpretation of this is very subjective and is dependent on the Judge.

Verbal insults directed to a Judge, by either an athlete or an official representing the athlete should be dealt with calmly by issuing a warning to the team manager, indicating that the athlete may be disqualified if further verbal insults are heard.

In no instance should physical actions directed at the Judges or tournament officials be tolerated, physical contact or aggression will lead to immediate disqualification.



## **5.0 TOURNAMENT PROCEDURES PART II ELIMINATION & FINAL ROUNDS**

### **5.1 Introduction - Elimination and Final Rounds**

The second stage to a championship competition is the elimination phase which requires that athletes are ranked and paired for head to head competition as specified in the World Archery constitution and rules.

The cut off positions for the various competitions are as follows;

**104 athletes in a World Outdoor Target Championship. (The top 8 ranked athletes have a bye in the first two match rounds and enter the competition at the 1/16<sup>th</sup> finals.**

**64 athletes in a World Cup event (Unless there are more than 104 athletes – then as above.**

**32 athletes in a World Indoor championship**

During the Olympic Games a ranking round is shot to establish the athletes' positions for pairing. In this case the 64 athletes are prequalified to proceed to the elimination round of the Games.

*BK2 - 4.5.1.4*

*BK3 - 13.2.1  
Image 1*

*BK2 – 4.5.2*

## 5.2 Elimination Rounds

In the Elimination Rounds the athletes will have match plays, a head to head competition. With few exceptions all the matches of a category take place simultaneously. Recurve athletes shoot in sets, 3 arrows each end up to five sets – while compound athletes shoot five ends for cumulative score.

### 5.2.1 Sets

The winner of the set is awarded 2 points, if the set is a tie then each athlete is awarded 1 point, the athlete losing the set receives no points. The first athlete reaching six (6) points wins the match. If the athletes are tied at the end of the match, a one arrow shoot-off determines the winner (5-5).

## 5.3 Finals Rounds

In the quarter finals, semi-finals and the medal matches of the competition, athletes shoot 3 (three) arrows in each end and are supposed to shoot each arrow alternately, 20 seconds per arrow. **Except from alternating shooting, and thus more often one match at the time, the Finals Round follows the same concept as the Elimination Round.**

**BK3 - 13.2.1  
bullet 3& 4**

However, due to schedule reasons alternate shooting is sometimes done only in the semi-finals and/or medal matches, a decision made by the Technical Delegate.

Equipment failures and stoppage for medical reasons cannot be permitted at the elimination and final stages of the competition.

## 5.4 Line Judging Procedures

The Line Judge is assigned by the Chairperson to take charge of proceedings at the shooting line. He/she becomes much more involved with the competition and is highly visible. To provide a higher degree of visibility to the judges', they will now have microphones to capture the verbal communications with the athletes.

The competitors, on being introduced, may wish to shake hands with one another but this is their decision to do so. The Line Judge should not ask them to do so, nor should the Line Judge initiate hand-shaking with the competitors.

The higher ranked athlete from the qualifying round will decide who will start shooting the match.

In order to obtain uniformity in our judging procedure, the following points give guidance but sometimes because of logistical reasons they may be modified.

*a) He/she receives the athletes/teams, who are accompanied by a marshal, at the entrance of the field, then asking the highest ranked athlete/team if he/she will shoot first or second. When this is decided the Judge must memorize this (i.e. by putting something in the right (target 2) or left (target 1) pocket) and makes sure that the correct information is given to the Sport Presentation Official who supervises the unofficial scoring/scoreboards and to the DOS.*

*b) Upon being given the signal the Judge marches onto the field followed by the athletes. He/she walks to the shooting line, turns around to guide the athletes to their position where they put down their bows and equipment.*

*c) He/she then calls the athletes to the shooting line where they all face appropriate direction for TV and are presented. When the Judge is presented he takes off his/her hat/cap and makes a slight bow of the head.*



*d) He then says “Athletes prepare” following which the athletes then get ready. He/she then says, “Target X shoots first, Target Y shoots second”. The Judge then checks the scoreboards and the clocks to see that all indications are correct. He then says, “Range clear, begin match”. After that he gives a hand signal, facing the targets, to indicate who starts shooting (also a back-up signal for DOS).*





*e) The Judge then gives a hand signal to the DOS by pointing towards the target and look at the DOS, indicating that the DOS now is taking over the control, and he/she quickly takes his position - behind the competitor's area and in the middle for the team event and on the right side for the individual matches. The position, however, may be adjusted in cooperation with the camera people-*

For the next ends item (d) and (e) are repeated, at this point the Judge must be aware of either the lowest score (compound) or set score (recurve) - as the athlete/team with the lower will start the next end. (If the scores/set-scores are tied, then the athlete/team that started the match, will shoot first – like shoot-offs). The score/set-score on the scoreboard is confirmed when the individual arrow scores disappear and only the total result is shown. Once the results are confirmed, the judge will say “Country/Archer X leads <score> to <score>, Country/Archer X shoots first>”. Following this he says “Range clear” and repeats step (e) above.

During the team shooting it is vital that the Judge is always able to see clearly. A step to the side or a step forward may be necessary, and in fact that is more TV-friendly than a "Judge Statue". It is also vital that the cards (yellow and red) are at hand - not in the Judge's belt-bag or in the pockets, but held inconspicuously in your hand behind your back.

For both the individual and the team events you must also see to it that the coach is in the designated area (or box), and even more important; if you see any athlete or team about to make a mistake, you should intervene to prevent the mistake and thus keep the conduct of shooting according to the rules. Always approach the coach in such matters. Always approach the coach in such matters.

The archer may decide not to shoot his / her final arrow, if the winner of the match is evident to them. Under such cases he / she may directly move to the opponent's box and shake hands which will be an indication of accepting the opponent as the winner of the match or may approach the line judge to inform his/her decision. The line judge will inform the DOS and the Target Judge of the situation and the last arrow will be recorded as an M – similar treatment like when time runs out.



## 5.5 Target Judge

When a blind is used for the immediate indication of scores in the final matches (*all matches in the Olympics*), one target judge will be appointed per match; This set up allows the public in the stands to have a better and closer view of the competition as the field does not look so crowded upon scoring.

The construction of blinds is not one of the responsibilities of our Judges, but checking to make sure they are adequate and secure is important, as the Target Judge will be responsible for the movements in the blind, and he will overlook the pre-scoring made by the scorer according to the observation of hits.

During this pre-scoring it is important that the agents are placed so that they can follow the pre-scoring as this will make the scoring session at the target more rapid.

In high profile events, the “blind” may be an area outside or behind the field of play, and the pre-scoring takes place according to what is seen on special screens. Again, it is important that the screens are placed quite close together with the scorer sitting in front and the agents on each side, being able to watch both “targets” and the pre-scoring.

The Target Judge is overlooking in order to be “up-to-date” on the development of the match, being aware if a shoot-off may be possible after the last end of the match.

When all arrows are shot and three signals given, the Target Judge will proceed to the target followed by the agent and the scorer.

Normally the Target Judge for the match will be placed between the targets, a couple of meters in front. The scorer(s) will be placed in the middle, behind the target line (*as he/she does not need to watch the scores at this time*). But with the recent camera positioning for the targets, the Judge stands at the end of the target which is located further from the blind, thus positioning him/herself out of the camera angle.

The Judge will call the arrows and the scorer will tick off in the score sheet accordingly. The scorer will then confirm the scores directly via the field communication system, and the scores are then official.

When calling the scores, the Target Judge may need to take a step forward to call an arrow, do so and return to the basic position. If he cannot clearly decide a line-cutter, he/she will then call the arrow by using the standard procedure (magnifying glass, looking from both sides etc.). If there is a need to change the score card, this must be done by the Target Judge, who walks to the scorer makes the correction and signs it.

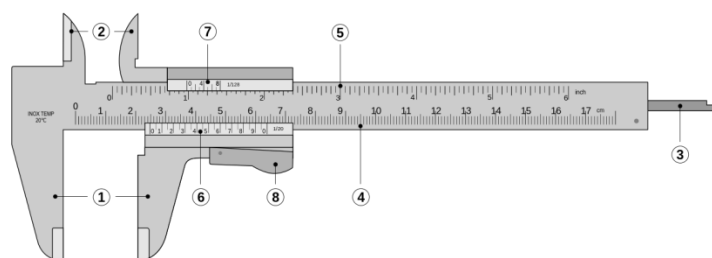
When the scoring is finished and official scores are given, and the agent has pulled the arrows and marked the arrow holes (which should be done as quickly as possible), they will all leave the field in an orderly manner. The Target Judge will be the last person to do so (to ensure that no one is left behind when the next end is ready to be started).

If there is a shoot-off, which should be clarified immediately before leaving the field, the Target Judge will stand between the target (*a couple of meters in front to be clearly seen*) facing the shooting line to indicate the shoot-off. Following the shoot-off shots, the Target Judge goes to the field and deals with the shoot-off. Immediately when the result is clear, he/she will indicate with the proper hand signal, who is the winner (do not wait for the scoring to be done, as spectators and media are waiting for this official feedback). This is the “show aspect”.

If it is necessary to measure closest to centre after a shoot-off (that is the Judge’s decision) keep the agents a couple of meters back when you are doing your work.

Few important things to remember:

- ***Before the shoot-off starts, the crosshair in the middle of the target face must be intact – in case measuring closest to centre arrow is needed.***
- ***The target judge shall indicate by arm signal the winner of the match (also when it is not a shoot-off). This is an official information to everybody and should be done as soon as possible, even if the announcer has already called the winner (which sometimes unfortunately may be wrong). When indicating a winner, step clear of the agents and field crew to be clearly visible, and keep your hand signal for 5 seconds. In this way we are consistent in our procedures.***
- ***For Individual Outdoor matches, if the 1<sup>st</sup> shoot-off is tied for score with “10” for recurve or “X” for compound, then it will go to 2<sup>nd</sup> shoot-off. Distance measurement will not happen for the above-mentioned case. If the scores are still tied at the end of the 2<sup>nd</sup> shoot off, winner will be decided by measuring the distance & determining the closest to the centre arrow***
- ***If a calliper is used to determine the arrow position, always use the inner dimension measurement jaws (marked 2 in the below picture), one on the centre of the cross the other to touch the closer to the ‘X’ side of the arrow***



## 5.6 Scorers

Scorers are an important part of major tournaments, when using independent scorers, it is important that the Chairperson of the Judge Commission, or appointee, conducts a short seminar with the scorers before the tournament commences.

The points to be covered include:

- (a) Scorers must not become involved with decisions about the value of an arrow.*
- (b) They must not become involved in any discussion of rules, interpretations etc.*
- (c) They must make certain they have clearly heard and accurately recorded the values of the arrows on the score cards.*
- (d) They may make no changes whatever to the scores of arrows recorded, if any score changes are needed, then either all the athletes on the target must agree to the change or the matter must be referred to a Judge before any arrows are withdrawn from a butress. Changes to additions may be made by scorers; as one of their most important duties is to ensure correct totals.*
- (e) They must know that each arrow will be individually called, from the highest scoring to the lowest, clearly, and effectively. If in doubt the scorer must ask for a repetition of the value(s).*
- (f) They should call the athletes by the names written on the score cards when recording the values of arrows on the target. This is extremely important as there have been many instances of values entered in the wrong score cards.*
- (g) They must be well aware of the way to score an inner ten (X) and a miss (M).*

The scorers must be able to correctly record arrow values called in English.

During the Final rounds when using blinds the designated scorer, who may be an international, continental, national Judge or any other duly appointed person, is responsible for recording the scores on each target. As soon as the arrow enters the target, the scorer must clearly state the value. If they are close to the line and not clear, the scorer calls the lower value. Many sophisticated (*Olympic*) systems allow for this "questionable arrow" to be identified for the spectators.

If a change has to be made when the official scoring takes place at the target, a change to a "higher value" will have a more positive effect on the spectators and competitors. If the value called from the blind is found to be wrong at the time of actual viewing at the target, the correction will be made and signed by the Target Judge, and the tabulation person will be advised as soon as possible.

The Organizing Committee scoring control person will show the corrected score as soon as the system will effectively allow them to. Understand clearly that all scores shown on the small board under the target as well as those shown on the large leader board are unofficial. The signed scorecard is the only official score. The DOS as

well as the commentator will regularly advise the spectators and competitors of this fact.

Because the whole action in the blinds is to present an unofficial score as quickly (*and of course as correctly*) as possible, there is no need to mention X's. Whether it is an X or a 10 doesn't matter for the match, and often only confuses the spectators. Therefore, it is recommended to call only 10's (no X's), but on the scorecard X's must be scored, as it might decide records when full scores are recorded.

### 5.7 Athletes Agents'

During shooting the Athlete's Agents have had the opportunity to watch the impact of the arrows and will immediately be aware of the arrow values at each target. When the Target Judge on arrival at the target starts calling the official scores. Athletes' Agents will again check the scores taken down.

The Scorer, who already has the scorecard, will confirm that the values called are actually as recorded on the competitor's score sheet and indicate that they have in fact been verified. He/she then will say "confirmed".

The Agent can then withdraw the arrows and mark the holes. It must be clearly understood that this entire procedure must be carried out as fast as possible but not affect the accuracy of this vital function. Please keep in mind that the Agent has all the rights and responsibility of the actual athlete who shot the arrows. Accept this without question, they are just making sure that they show complete responsibility to the team member whom they represent. The Athlete's Agent must check the final score, the number of 10's and X's and sign the scorecard on behalf of the athlete.

### 5.8 Runners

The Chairperson of the Judge Commission or his deputy should meet with the O/C designated runners and instruct them in their responsibility and of the sequence of movement from and to the blinds. There should be four runners per match, and only two of them can be in the blind at a time. The Target Judge must ensure that no runner goes to the shooting line while the athletes are shooting. The first three (six in case of the team events) arrows are returned to the athletes while the scoring of the second end is in progress. While runner A and B heads to the shooting line, runner C and D go in the opposite direction to receive the arrows of the second end and waits in the blind to run back to the shooting line when the third end is being scored. At no time other than when taking the arrows or returning must the runner be outside of the blinds.

### 5.9 Byes

Occasionally there will be byes during the match play because of the number of entries or a late withdrawal of a competitor. A bye is not a match, but a situation where there is no opponent to an athlete. **Except at World Championships and Olympics – and if the field set up allows – athletes or teams with byes may practice on their assigned targets.**

*BK3 - 12.2.7  
BK3 - 12.2.8  
BK3 - 13.2.1  
bullet 1 &  
Image 1*

## 5.10 Forfeited matches

A forfeited match is a match where one of the opponents does not turn up to shoot the match or stops shooting during the match. When this happens the guidelines will be:

*a) If an athlete (or team) is not present at the time of determining who starts shooting when single matches are shot alternately, then the athlete present will be declared the winner of the match. Except for the World Championships and the Olympics he/she is allowed to shoot on the competition field (practicing) but will not score.*

*b) If an athlete (or team) is not present when the shooting starts in an elimination round match of the competition, the opponent will be the winner of the match. As the start shooting signal will be decisive here, the athlete present may shoot the first end, but no scoring takes place.*

**BK2 - 3.7.4.3**  
**BK3 -**  
**14.5.2.4**

## 5.11 Alternate Shooting

The shooting sequence is initially determined by the higher ranked athlete who can either choose to commence shooting, or else to have the opponent commence shooting. In subsequent ends the athlete with the lower score (or set score in recurve) will shoot first. In the event that the scores (or set scores) are tied, the athlete who started the match will shoot first.

**BK3 - 13.2.1**  
**bullet 4**

## 5.12 Individual Ties and Shoot-Offs

If the athletes are tied on scores (set score in recurve) at the end of the elimination round match the athletes concerned must proceed to a shoot-off, before the winner can be declared, so that he/she can move onto the next stage of the competition.

**BK3 - 14.5.2**

The Judges in this case become directly involved in the shoot-off procedure. Notwithstanding, that **it is the athlete's responsibility to check scores, our job here is to check the scores are in fact a tied score and that no mathematical error** has been made by the athletes. The Judges must stand in front of the targets and indicate to the general public and DOS that the score is tied and hence that a shoot off will be required (See photograph below).

A shoot-off during the elimination and finals rounds will consist of a one / two arrow(s) which is shot on the target at which the athletes are competing. Each athlete will have 40 seconds to shoot an arrow if simultaneous shooting is being carried out. In alternate shooting the athlete who started the match will start the shoot offs, and each athlete will have 20 seconds to shoot his/her arrow.





## 6.0 TEAM EVENTS

### 6.1 Team Qualification Round

The final qualification round score of the three athletes of the team and the best woman and best man for mixed team will be taken in aggregate and used for purpose of ranking after the qualification round. These athletes will constitute the team that goes into match play. However, based on certain procedure team members may change before the elimination round, although the substitute athlete must have taken part in the qualification round. If a team makes such a change without following the given procedure, the team will be disqualified.

In the case that teams are tied on score at the end of the qualification round, the ranking will be determined by counting the number of 10's and X's obtained. If the teams are still tied, then the number of X's only. If still tied then the ranking position will be determined by means of a coin toss or a computerized draw. A tie in score for the last qualifying place, will be solved by a shoot-off.

### 6.2 Team Elimination and Finals rounds

The Team Elimination Round, in which the top twenty-four (24) teams of three (3) athletes seeded according to their positions as determined by their total score in the Qualification Round (see Match play Chart Appendix 10 and Book 2; Appendix 1.3), shoot simultaneously a series of matches, each match consisting of four (4) ends of six (6) arrows, two arrows (2) per athlete, whereas for the mixed teams shoot four (4) ends of four (4) arrows, two (2) arrows per athlete. **For the 1/12<sup>th</sup> Elimination phase, 8 top seeded team will have a bye and the remaining teams will be seeded as per the match play chart .**

*BK3 - 13.2.3*

Simultaneous shooting will take place during the 1/12, 1/8 and 1/4 rounds, and the athletes shoot four ends of six arrows within a 2 (two) minute period. Athletes will shoot their arrows one at a time in the order they choose. During simultaneous team shooting the athletes proceed to the shooting line in turn; the next athlete must only advance to the shooting line once the team member has returned back into the athletes' box.

In the compound round each team will have two target faces, and is supposed to shoot 3 arrows in each of them, according to their own choice. However, if they by a mistake, or a miss, end up with four arrows in one of them, the highest value of that target face becomes a miss. The scoring will be just like indoor scoring on triple faces.

If the situation occurs during alternate shooting an athlete of the team shoots more than one arrow in the first end, the team will be given a red card and lose the highest score of that end.

**BK3 - 15.2.6**  
**BK3 - 15.2.7**  
**BK3 - 15.2.8**

Furthermore, indoor the match will be stopped after the first sequence of this end and the situation dealt with before the shooting resumes as there are no more available centre-face (C&R Committee 2012).

For outdoor team matches the team may elect to shoot two or three arrows on the second rotation. If the team decides to shoot two arrows, then the archer who has shot 2 arrows in the 1<sup>st</sup> rotation will skip shooting in the 2<sup>nd</sup> rotation. In this way they will only have shot a total of six arrows.

**INTER 26<sup>th</sup>**  
**March 2015**

However, in case of compound, there might be four arrows on one face, and two on the other face. Here you need to take the highest scoring arrow of the face with 4 arrows and make it a miss, then score the 6 arrow values and then deduct the highest arrow value of the end for the out of sequence shot.

If three arrows are shot in the second sequence as normally expected then here you have a situation where you will have to deal with a "seven arrows issue". Hence the sequence of scoring will be:

- i) Take care of the Target Face with 4 arrows
- ii) Score the lower 6 arrow values
- iii) Deduct the highest scoring arrow of the end for out of sequence shot

### **6.3 Team Event Violations**

The team event brings with it the possibility of violations which result in penalties. It is important that there is only one Judge per team match in order to ensure the same conditions for both teams in a match.

#### **6.3.1 Minor Violations**

Minor violations require the Judge to show the yellow card and the team gets a time penalty.

**BK3 - 15.3**

Time penalties are given when;

*(a) two athletes cross into the area between the one metre line and the shooting line at the same time with one foot each on the ground. For consistency in judging we assume that this has taken place when both athletes have one foot each on the ground in the one metre area.*

*(b) an athlete whilst leaving the athletes' box and proceeding to the shooting line, removes her/his arrow from the quiver, and in doing so exposes the point of the arrow before straddling the shooting line.*

*(c) in compound an archer crosses the 1m line with his release aid nocked on the string.*

*(d) an athlete crosses the one-meter line before the count-down clock for his team starts counting down.*

If a minor violation occurs, the Judge will immediately raise a yellow card and call the name of the team. The athlete will then have to return behind the one-metre line and start over, or to be replaced by another athlete with arrows to shoot. If the team does not react, keep the yellow card raised and call the name of the team again.

The decision to show a yellow card or not is no longer subject to appeal.

### **6.3.2 Major Violations**

When a major violation occurs the Judge will raise a red card indicating that the team's highest scoring arrow of the end will be forfeited.

Red card can be given for the following major violations;

*(a) Ignoring the yellow card (the athlete shoots without returning behind the 1m line)*

*(b) Shooting an arrow before or after time*

*(c) Shooting out of sequence (Shooting when it is the other team's turn to shoot)*

*d) A team member shoots more than one arrow in one of the two halves when shooting alternately.*

While the match is in progress the penalty cards should not be held in an obvious "intimidating" position. Hold them behind your back. If used, the card must be made visible to the coach of the team in question, do not try to address the athlete.

When that end is finished, the Line Judge must participate in the scoring of that end or inform the Target Judges at the blind, if any.



## 6.4 Team and Mixed Team Shoot-Offs – Qualification Round

For ties deciding the entrance to the Elimination Round, there will be shoot-offs to break the ties (the system of the number of 10's and X's will not be used):

*(a) For each team one target butt with one single target face, or three 80cm-centers with triangular set-up in the middle of the field will be used. The individual team members will decide which centre they will shoot at when multiple centres are used, one arrow in each centre.*

*(b) All athletes (both teams) shoot their arrow simultaneously within 40 seconds.*

This is because technically the athletes are still shooting as individuals at this time thus the 40seconds. They only become a “team” during the Elimination rounds.

## 6.5 Team and Mixed Team Shoot-Offs – Elimination Round

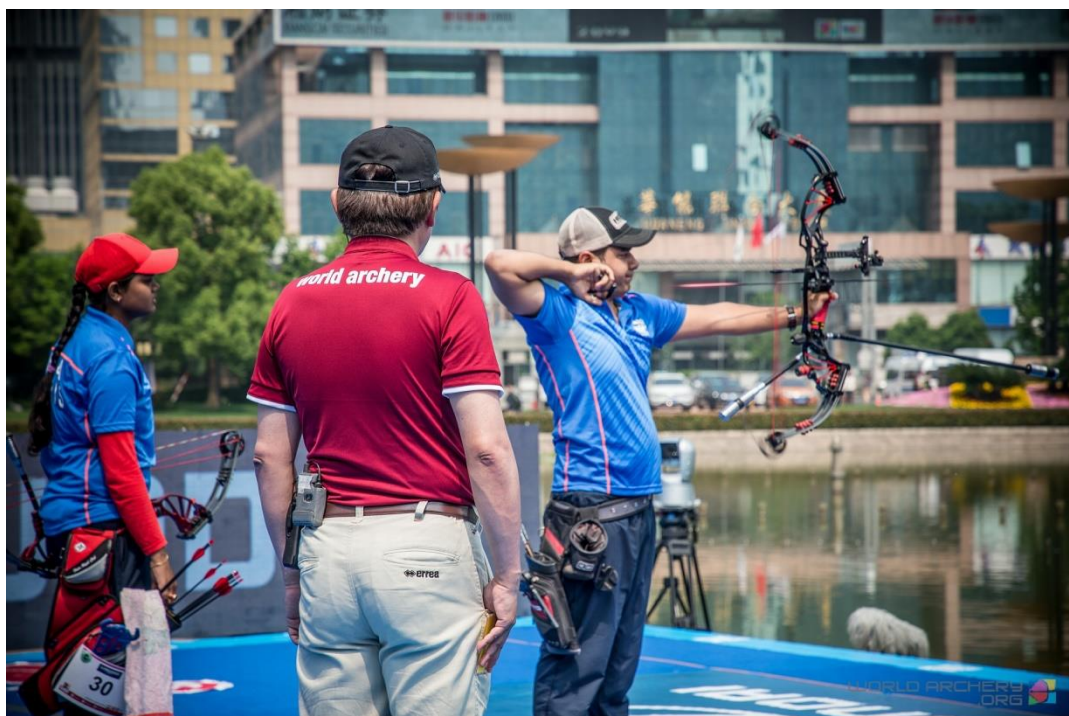
If two teams are tied during the Elimination or Finals rounds then there will be one end of three (3) arrows (one arrow by each athlete) shoot-off for score. If tied on scores, then the team wins which has the arrow closest to centre. If same distance from the centre, then the second and possibly the third arrow closest to centre respectively.

The shoot-off is executed on the targets that the athletes are competing on at the time of the match. In case of a shoot-off, the target setup for the **compound** will be changed from 2 targets per butt to 1 target in the centre of each butt. The time limit for a team shoot-off will be one (1) minute for teams and 40 sec. for mixed teams for both simultaneous and alternate shooting.

In alternate shooting, the team that shot first in the match will start the shoot-off, and then the teams will alternate after each arrow shot, until all three athletes of each team has shot one arrow.

BK3 -  
14.5.2.1.1  
bullet 3  
BK3 -  
14.5.2.1.2  
bullet 3

BK3 -  
14.5.2.3





## 7.0 POST COMPETITION PROCEDURES

### 7.1 Introduction

The Chairperson of the Judge Commission will present a draft report to the Judges of the Commission for their comments. Once reviewed and agreed upon the Chairperson will send the final version of the report to the members of WA's Judges' Committee and the Judges of the Commission. In order to avoid delays, it is important that all the Judges of the commission give comments to the draft – also if agreeing.

### 7.2 Judges' Commission Report

It is strongly recommended that you supply all information that you consider important for inclusion in the report of your Chairperson as soon as possible after the shooting is finished (*see appendix A.12 – Daily Tournament Report*).

*BK1 - 16.1.1*

The Judge Commission report is supposed to be a short, compact, concise report concerning technical problems that may have arisen during the tournament.

The main purpose of the Judge Commission Report is to give future Commissions, WA and the Organizing Committee constructive observations, sometimes unfortunately critical, of problems which occurred but which might have been avoided by better preparation, or simply to note an important incident that could not have been avoided, but to note for future guidance of how such an incident could be handled;

*Example #1 - The statistics portion of the report shows 36 bounce-outs during the tournament. This would indicate there was a definite problem with the material used for buttresses. Future Judge Commissions and Organizing Committees would take this into consideration.*

*Example #2 - Three target buttresses blew over. This certainly would indicate that they were not properly secured, or they were secured into ground that was too sandy to support the pegs, or the butts were poorly constructed.*

In conclusion, it is not necessary to report on each of the normal duties you are required to carry out. That is your job and you do not have to elaborate on it. Again, consider that the report you make is a document that will allow future organizers to prepare and run a more efficient, trouble-free tournament.

### 7.3 Judges' Evaluation Report

The report will be filled out by the Chairperson of the Judge Commission at all WA Championships, Continental Championships and other major events, and will be sent to the WA Judge Committee. It will be kept in a 'confidential' file. This report will allow the Chairperson to be constructively critical, if necessary, but at all times realistic in evaluating Judge performance. It is most important that the questions be answered honestly, without personality factors becoming involved. The future quality of Judging depends on proper analysis of our Judges' performance. (See appendix A.11 – Judges' Assessment).



## APPENDICES

### A.1 Field Archery

#### Field Archery Competitions - Course Inspection

##### A.1.1 Safety

To see that a course is safe is the most important purpose of any inspection. Any accident caused by a lack of basic safety precautions cannot be tolerated and all potential hazards are to be rectified prior to the tournament. For this reason, it is important that all Judges participate in the inspection as a group. We have the following recommendations for safety inspections:

- *Be certain that there are no paths from target to target or shooting positions which could be in jeopardy if an arrow goes astray. Take a look at the actual terrain - don't rely on the organizer's map of the course.*
- *Be certain that all paths from target to target are properly marked so no one walks in a wrong direction and happens to get into a shooting lane. It is a good basic safety rule that athletes leaving a target walk approximately 10 metres in a ninety-degree direction away from the shooting direction on that target, but apply this rule with common sense. Make sure you walk the safe and correct direction between targets when checking the marking of the path. It is also very useful to have Judges remaining on the shooting line with others following the paths to check that no-one is accidentally in the line of fire when moving to other targets.*
- *Paths usually used for public purposes must not cross the shooting direction, in front of the target or behind the target. If this cannot be avoided, there must be guards present or the paths must be thoroughly barred in addition to warning signs.*
- *Be certain that the background of a target is fully exposed to the athlete in the shooting position. If not, take the necessary steps to make the shooting on that target safe. What is over the crest of the hill on which the target is placed? Guarding may be necessary. Be aware that single nets will not stop carbon arrows that miss the target, so additional precautions may have to be taken.*
- *Spectators are usually controlled by leading them into special areas in the terrain - all the route marked with ropes or ribbons. Normally a shooting lane of approximately 25 metres width, giving a distance of approximately 10 metres from athletes to the spectators on each side of the lane, is safe enough. However, if the athletes are shooting through a narrow gate of trees, the width must be increased. An arrow hitting a tree may take quite an unexpected direction.*

- *Also remember that the organizers have to take into consideration that it may be necessary to bring in first aid personnel and/or spare equipment without having to stop the shooting or endanger the personnel going into the course. The Organizing Committee should have special personnel available for guiding people in and out of the competition field as well providing “first aid lanes” in which medical personnel or spare equipment can be brought in without stopping the flow of the tournament. Judges must be able to walk safely between targets, and thus they must study their designated area thoroughly.*

### **A.1.2 Target Layout**

Ensure that each individual target is properly prepared. Before beginning an inspection, you must have the organizer's map of the course, and the target sizes and distances for each target. This includes the distances for the unmarked round. Before entering the range, quickly check that the correct number of targets of each size is planned and that all distances correspond to the target sizes. Note: Except for the Judges designated to check unmarked distances, the rest of the Judges have no need to know the distances. Thus the risk of having lists with the distances of the unmarked round accidentally going astray is almost eliminated. From the map you may be able to check that the altitude variation and distance from assembling point is within specifications. It is wise to mark uphill or downhill shoots by simple drawings: Approach each target from the point of view of the athlete;

- *Is the face clearly visible from both shooting positions? Do not forget that some athletes are very short - e.g. 150 cm*
- *Is each shooting position possible for both left and right handed athletes?*
- *Are the standing conditions adequate for both the athlete to the right and to the left of the peg, and is the marking appropriate?*
- *Are there any overhangs that could interfere with light draw-weight bows? Try to allow for changes - rain might lower overhanging branches.*
- *Are there any overhangs above the peg that will interfere with the bow when the athlete is shooting? Think about long recurves and tall athletes, stabilisers etc.*
- *Is the target the correct distance from the shooting position? Remember the 1-metre tolerance which allows the use of rangefinders in order to do the checking for distances longer than 15 metres.*
- *Is the target position at least the minimum distance above the ground and the buttress at least of minimum size? To expose the face fully to the athlete, make sure that the position of the target is close to a right angle to line of vision.*

- *It is a good idea to write the size of the face, which a buttress is to carry, on the back part of the buttress with a felt pen. The possibility of an error in the haste of preparing a course for use on the morning when shooting begins will be much reduced. This is particularly important on un-marked courses. Also check that the replacement faces - usually placed behind the buttress covered in plastic to protect them from getting wet are of the correct size. For checking the target faces, the same procedure as described in section 3.12.1 of this Guide Book apply.*
- *Avoid having buttresses leaning on to a tree, which may cause damage to arrows passing partly through the buttress.*

### **A.1.3 Shooting and Scoring**

According to latest rules, the athletes in a group are quite free to decide on “shooting positions” among themselves. What is important is that the two first athletes of the group, whoever this may be, to approach the shooting peg of the target, will shoot on the top on 40cm faces and in column 1 and 3 (respective left and right athlete) on the 20cm face. The next two athletes will shoot on the lower centres at 40cm and in column 2 and 4 on the 20cm faces. Unless other information is given, this will decide if an athlete has missed his targets or not. Where we have two (2) 60cm face placed side by side, archers shooting from the left side of the peg, i.e. archer 1 & 3, will shoot on the left target face and archer 2 & 4 will shoot on the right face.

If – at 20cm targets – you find two arrows belonging to the same athlete in one of his centres, only the lower arrow value will score as it lies in the face, while the other arrow becomes a miss (scores a M). Ref. indoor scoring.

### **A.1.4 Judges' Assignment to the Area**

Judges will have to be placed around the range so that each target is accessible. Look for ways to travel between targets and shooting locations safely, and for ways to efficiently split up target assignments. The Chairperson of the Judge Commission or his/her deputy will assign Judges to specific areas. With two or more different courses it may be advisable to divide up the Judges into parties, one for each course. To allow the Judges to become familiar with their control area they should be assigned to the same course during the two days of qualification round.

### **A.1.5 Inspection Procedures**

For field archery, be aware of any additional item possibly used only for estimating distances or items modified solely for that purpose (measuring target face sizes or angles). This applies for all divisions. Check the stabilizer(s) in order to prevent them from disturbing other athletes. For field archery they must not offer any help in estimating distances, target faces or angles. If the pendulum type of stabilizers is in use, there must not be any scales on them which may give angle information.

### **A.1.6 Applying the Time Limit**

Generally speaking, WA never intended to officially time field events except for finals. If they had, they would have had an official timer accompany each group in

as much as all shoot at different times. This time allowance rule had to be imposed some years ago because some very slow competitors were causing a bottleneck and slowing down the competition. Do not think that you as a Judge have to stand and time every athlete who passes through your assigned position. The rule is there to help you maintain control and avoid a slow competitor or group disrupting the competition. Use your authority in this matter sensibly.

If you find it necessary, according to Articles 24.8 (Book 4) to time an athlete, who then exceeds the time limit of 3 minutes, the procedure to use is as follows: You make a note on the scorecard, possibly on the back side (to be decided by the Judge Commission of the event), indicating the time and the target number at which the note was made, then sign the note. If the athlete is observed to exceed the time limit a second time, the Judge will verbally warn the athlete and at the same time make another note on the scorecard. Any subsequent violation on time will result in the loss of the athlete's highest scoring arrow of that target.

The time limit is allowed from the time the athlete takes her/his position at the post, which he/she shall do as soon as it becomes available. The main point here is that the athlete is not allowed to use any time for judging distances or other variation in the terrain before taking the position at the post. In such cases you will advise the athlete to go to the shooting post, where after you will start your time control from the moment the post could have sensibly been occupied. However, if, for example, the athletes have just approached the target after climbing uphill, you may give them some extra time to regain their breath. Time warnings are not carried over from one round of the competition to the next but they are carried from day one to day 2 of qualification, so you will need to ensure warnings are transferred to the new scorecards. The Field finals event timing is more like timing Target archery event and is described in C&R Book 4.

### **A.1.7 Range finding**

The athlete is not allowed to use his/her equipment solely for estimating distances. It would be wise to underline this point at the Team managers' meeting. The WA Field Archery Committee has given some advice on what is acceptable or not.

Please note that an interpretation of 2012 says that using body parts (i.e. hand or fingers) as aids in estimating distances is acceptable.

### **A.1.8 Field archery Finals' Course**

You will probably find the finals' course in a central position of the championships area, which means that the course is planned so that spectators will have easy access to the terrain of the finals.

For the Judges this presents two major challenges:

*1. Safety is an important factor again. Use the same guidelines as described above (A1.1). To avoid problems with people crossing the shooting lanes and walking paths of the competitors, it is preferable to have all the spectators on one side of the barrier and shooting directions away from the barriers. However, the terrain may offer safety precautions itself, use common sense.*

*2. Because of the central position of the finals' course, you will probably find that the layout has not been finished until after the championships have been opened. Since all targets and distances have been planned the Judges will do most of the checking when inspecting the courses beforehand, and return to the final control after the elimination rounds have been finished. Because of the interest of the media and the spectators, access to the shoot-off target(s) must be very easy. The last target of the finals' round may also be used as the shoot-off target if the distances for that target and for shoot-offs are the same. A separate shoot-off target may also be used.*

### **A.1.9 Conduct of Shooting**

The conduct of shooting follows the normal procedures for Field Archery, but the rules say nothing about the time intervals for the groups. The starting order for divisions is: Barebow - Recurve - Compound. Within each division you will have two groups, women and men of 4 athletes each, and the time interval is approximately 15 minutes. It is recommended that the organizers fix the start times of each division. For media and spectators, it is essential that the groups are not shooting at the same time, especially we must avoid the possibility that the men are shooting at Target No. 4 (semi-finals) at the same time as the women have their finish at Target No. 8. Some delays may therefore be instituted for the benefit of the media and spectators

### **A.1.10 Judges' Assignment to the Groups**

The following is recommended:

- 1. There will be a Judge accompanying each group in case of arrow calls.*
- 2. One Judge will time the athletes, by indicating "go" and "stop". When 30 sec. are left the Judge will also raise a yellow card. Another Judge will have the backup time control. At the target one Judge will immediately check the scores and confirm the result (and the winner of the match at the end).*
- 3. Personnel assigned to the media (or if necessary a Judge) must also supervise the conduct of the media. In the terrain photographers and cameramen are often quite close to the athletes to find a proper position, and it is important that they stay in the position during shooting, in order not to create unnecessary disturbance to the athletes, or create a safety issue.*

### **A.1.11 Field Championships Elimination and Finals Procedures**

#### **Shooting procedures for Individual Elimination**

For eliminations, there should be at least two judges per one elimination course. Three judges per one elimination course would be ideal.

For the elimination course, one judge will control two matches at time (four archers in a group – Pool A & Pool B match), once this group reaches target no. 3, another judge takes on the group formed by archers from Pool C (one match) and



Pool D (one match). When the first group completes shooting on last target, the archers, who lost these matches shall return to the base, while the winners move back to Target no. 1 and commence next elimination round. This procedure is repeated until eliminations are finalized and two archers advance to semi-finals. In each match the judge will, at each target, for field: indicate to the archers from which marked distance they are to shoot that given target (Fig. 1). The timing as well as scoring procedure shall be according to the rules, the same as when the judge accompanies archers in semi-finals.

Shoot-offs during elimination matches, if any, shall take place on the last target shot.

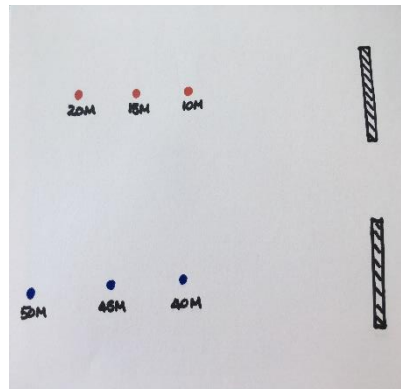


Fig 1

### **Shooting procedures for the Team Elimination**

The top 8 (eight) teams proceed to the Team Elimination Round. The position of the teams is decided by totalling the scores the individuals obtained in the Qualification Round. They are then placed in the order of the totalled scores in the Team Seeding Table for allocation of shooting matches. Shooting position at the target is based on the position as printed on the score card. The higher ranked team decides who will start shooting in the first end, thereafter the team with the lower cumulative score will shoot first. The order of shooting will be Women's Teams followed by the Men's Teams. In this stage all the matches are shot simultaneously, each match accompanied by its own Judge and scorer. Each team member will shoot one arrow from the appropriate shooting post in the order decided by the team. Timing – see below.

**BK4 - 23.3.2**

## A.1.12 Order of shooting for the Finals Rounds

### Individuals and Teams Match Play:

The rule books (2018) describe the procedures in detail.

**BK4 - 25.3.2**

### Shoot-offs

Should there be a shoot-off in the Semi-Finals, this will be carried out on the last target shot, (Target No.4). Should there be a shoot-off in the Gold and Bronze medal matches, these will be carried out on a pre-decided target for that division (this may be on the last target or on an extra target put up for the shoot-off). There will be one arrow shoot-off for individual or one for each member of a Team, and if the score is still the same, the arrow closest to the centre will decide the winner. Ref. shoot-off rules for target archery.

### A.1.12.1 Target Faces – Setup

All faces will be set up as in the Qualification round but on the targets with 60cm and 80cm faces you will have two faces each, one face for the left athlete who will be shooting on the left target face and one face for the right athlete who will be shooting on the right target face.

**BK2 - 8.1.1.4**

### A.1.12.2 Taking Time (individual)

2 (*two*) minutes is the time allowed to shoot the 3 (*three*) arrows. The assigned Judge will start and stop the shooting verbally. For medal matches there can be digital timing available – in which case the timing will be controlled by the DOS.

**BK4 - 24.10**

**BK4 - 24.11**

### A.1.12.3 Taking Time (Teams)

2 (*two*) minutes for 3 (*three*) arrows, each athlete shooting one arrow. The timing starts when the archers are standing at the red peg. Archers start shooting from the red peg, one at a time, followed by the archers shooting from the rest of the pegs.

**BK4 - 24.10**

**BK4 - 24.11**

### A.1.12.4 30 Seconds – Warning

There is a time warning, which is shown by the Judge raising a yellow card, when only 30 (*thirty*) seconds of the time limit are left during the Finals Round. An arrow shot after the expiry of the time limit causes the athlete to forfeit of the highest scoring arrow of the end.

## A.1.13 Team Finals

Athletes will start shooting from the red peg, one at a time and then shoot from the remaining pegs. There is no extra time given for equipment failure during the Finals Round. The Team managers or another appointed person may carry spare equipment along with the group. The first group will start at a specified time. The groups following will start at approximately 15 (*fifteen*) minute intervals. When groups are approaching the end of a match, the following groups may be held back from shooting to make it possible for media and spectators to concentrate on the final target. A Judge will be assigned to each group.

### **A.1.14 What is allowed and not allowed on unmarked WA Field rounds?**

Please note that you may shoot a WA unmarked field round only, a marked round only or a combination of both. We also remind you that in national competitions you may shoot with fans and walk ups as well. Please make sure that if you use walk ups, that you shoot the correct number of arrows at the correct distance for each face size as laid down in the Rule Book.

However, in WA Championships there will be two rounds in the Qualification Round, one with marked distances and one with unmarked distances, and in the Elimination Rounds and Final Round only marked distances will be used.

We know that in some parts of the world some people enjoy shooting like in 'the good old days' with walk ups and fans, while elsewhere they prefer to shoot marked distances only. Since the majority like to shoot unmarked distances we need rules to keep the distance 'unmarked', which is why we do not allow range finders of any kind, however simple or amateurish they may seem. The fact is that if you allow one, there will soon be another a little more advanced – and so on.

From WA's Field Manual we quote:

The following are **NOT ALLOWED** on unmarked rounds:

Having more than one personal sight scale on your sight bar, your bow or your notes – will indicate that you may be using your sight as a ranging device and that you measure the distance and read the distance by means of a scale which is not the proper way of doing it. If you have scale(s) on your sight bar in a place that disagree with the sight setting you will have when shooting, you may be 'accused of' having made an extra scale for ranging. Judges and competitors may look for that!

If you have sight marks used for a different set-up on your sight, something you want to keep for the future, just cover it with a piece of tape – and you are safe!

Note:

A recent interpretation states that you may have one personal sight marks scale in addition to the manufacturer's original scale on your bow sight or your equipment.

It is also a very good indication that you measure the distance if you lift your bow and aim and take it down again more than once or twice before you shoot. If you do – you are also out of line – maybe using much too much time and thus probably being a nuisance to the competitors with whom you are shooting. If you have added (*glued or screwed*) a piece of plastic vane or similar to your equipment with which you can compare the size of the face with the size of that extra piece you obviously break the rules – you may make use of some part of your standard equipment instead.

Generally speaking you may not alter your equipment with something that is intended to be used for measuring. It is not allowed to use a scope with a cross and one or more lines on that cross – to have a scope with more than one circle or more

than one line in either direction, or a combination of a circle and a cross in which the cross passes through the circle. You may have nothing on your sight or in the window region of your bow with several lines or dots that is not natural parts of your equipment. You may occasionally meet compound athletes with a hunting sight, a sight with several pins. This is not allowed on unmarked field, but may be used on marked field.

Here you have some examples of sights/scopes that are not allowed:

*(a) A cross through the ring.*



*(b) A dot and a separate line.*



*(c) A cross with various lengths lines not the edge.*



*(d) A cross with scales.*



*(e) A separate vane attached to top of scope.*



Having notes with drawings pictures or sketches showing the relationship between your sight or arrow etc. and the target faces, are not acceptable. You may use this for practice but do not bring it with you to the competition area. Likewise the bare bow athlete is not allowed to have a picture or drawing of his tab with his marks on, or a list of how his marks are related to the tab. You may have one for your own practice – but do not bring it on to the competition area. The bare bow athletes will have to be prepared to ‘tape’ their bow window if there are any marks within the bow window area that could be used for aiming or ranging, .e.g., distinct clear marks of any kind. Blurred marks like a camo pattern is not normally considered a problem. Having notes or scales telling the relationship between uphill or downhill

angle and your sight marks is not allowed – likewise any device for measuring that angle. You may not use radio / mobile phones whilst on the course. Also, binoculars or other optical devices cannot have scales of any kind or built in ranging functions. It is also against the intention of the rules to have any electronic storage devices for your use - on the field course

What would be considered **ALLOWED** to use:

Any sight with **ONE** sighting point, ring or cross. A dot with a circle is on the 'edge' but considered similar to a normal sight ring with a bar/ball and has been allowed. Here you have some examples of sights/scopes that are allowed:

*(a) A dot*



*(b) A ring*



*(c) A ring and a dot*



*(d) A ring and a cut cross, lines to edge*



*(e) A dot and a cross, lines to edge*



Any standard sighting device made by a serious manufacturer within the limitations mentioned above. So in fairness to other athletes and in order to save money, think a little when purchasing new equipment!

Any notes, which are a copy or extract from the Rule Book, like distances for the various target faces etc. Any notes which contain your sight marks considering the limitations mentioned above.

*Example:*

5m = 2.30  
10m = 2.10  
15m = 2.30  
20m = 2.55

and so on.....

Statement:

*Anybody bending the rules will probably know he or she is doing or may be doing so. In our opinion there is no excuse for doing that – because if you are in doubt, you can always ask. In order to keep WA competitions fair, athletes are requested to report to the Judges things they observe or feel are not acceptable in regard to equipment, timing and bending the rules. The Judges are there to help us all have a better and fairer competition. It is not unfriendly, impolite or unsporting to report what you see.*

## A.2 3D Archery – A brief introduction

*(from the Field & 3D Committee)*

3D Archery is a form of archery that is still relatively new to WA and is still in the development process. It is therefore, important that you have an up-to-date copy of the rules. 3D has similarities to Field archery but there are significant differences that judges must be aware of.



*Figure A2.1 3D Archery target*

The Bow styles are split into Compound, Barebow, Longbow and Instinctive. All distances are unmarked. Some of the competitors may be experienced at shooting the targets under the auspices of another organisation and may not be knowledgeable of the control under WA rules. Here your role as tutor comes into play. As for all WA events the rules of shooting follow a uniform pattern with only variations to cover the competition considered.

### A.2.1 The Competition

As in all other disciplines of archery the event is split into Qualification, Elimination, Finals and Medal Matches.

Qualification Rounds in 3D consist initially of two twenty-four (24) target rounds, usually shot over two days.

Elimination rounds is a “shoot-up” format with each match consisting of 6 targets. Finals and Medal matches are made up of 4 targets each. The pegs for the elimination & final matches will be placed by the accompanying judge as the match progresses from one target to the next.

Athletes will shoot 2 arrows per target during the Qualification Rounds but only one arrow per target is allowed in all other rounds.

Finals – the finals are usually held in a central area where spectators can see the action. The idea of 3D archery is that it is truly “unmarked” and the distances are not known to the athletes. In order to ensure that this is the case and that the competition is fair, in recent events the pegs have been moved for each match that has been shot. This takes planning to ensure you have judges to change the pegs and the judges to control the matches.

## **A.2.2 The Course**

As you walk around the course there should be indicators telling you which way to go. This main path between the targets must be a safe path for everyone. The TO may put in a “Safe Path” for use by judges and work crew etc. making access to targets quicker – make sure you check that it is actually safe.

As you continue your check, you should make sure the number board for the target is visible from the walkway, that when standing at the number board you can see the pegs of the shot, but not the target itself. This prevents following athletes gaining advantage by seeing where the group in front arrows land.

From the number board you should be able to see the picture and the pegs. From the picture you should be able to see the pegs and the target – the athletes can then see that the shot is clear to shoot.

### **A.2.2.1 The Targets**

As per the new rules, the targets can be designed to look like anything. The targets that are going to be used for the competition must be published, prior to the event so that the athletes can be familiar with what they will face. There should also be practice targets of the same design that will be on the course.

Targets will have an “11” ring, and “10” ring marked on them. The “8” zone, is rarely circular and is often representative of the heart/lungs area of the animal. Anything outside of the “8” zone will score 5. Hooves and Horns will score a “Miss”.

It is common practice, when the lines of the hooves and horns are not clear, for the judges to mark these on the target with a line to separate them from the body (5 zone). The athletes can then apply the normal line cutter rule.

For targets with very small scoring zones, the organisers must place 2 or 4 identical targets next to each other. Be very aware and make sure that the scoring zone marking is the same for all the targets.





A picture of each target must be placed 5 – 10m behind the shooting peg. Ensure that the picture is the same as the actual target!

Tails, wings and tail-feathers have caused much discussion in recent years; however interpretations provide that if it is not a hoof or a horn, it must score a 5.

The larger targets can have a “replaceable” centre. This consists of a plug fixed into the body of the target. Be aware that the edge of the plug is not mistaken for a scoring zone and that athletes may call you for clarification during the event.

### **A.2.2.2 Pegs**

In 3D archery, pegs mark shooting positions. Compound athletes shoot from the Red pegs. Instinctive, Barebow and Longbow shoot from the Blue pegs.

Athletes shoot in pairs, one standing at each peg. They do not have to touch the peg with their foot, in fact they can stand up to 1m away from the peg in any direction except in front of it. Athletes have to work together to ensure both can shoot safely.

The Red pegs can be placed at any distance within the range for the target size. The maximum distance shot by a Compound athlete is 45m. The Blue pegs are placed within the range according to the animal size up to a maximum of 30m

### **A.2.2.3 Safety**

Safety is of paramount importance. An arrow missing the target is far more likely to continue into the overshoot areas. We must be aware of what is in that area and how close other targets and walkways are. Think also of ricochet as the irregular shape of the target can cause the arrows to deflect in directions you may never have seen on a target shoot!

## **A.2.3 The Bows**

There are 4 divisions of bows shot in 3D.

Compound and barebow are the same as the description in Field.

Longbow and Instinctive are specific to 3D and their rules are printed in detail in the rule book. Because the 3D discipline is evolving quickly, there are numerous interpretations and bylaw changes that apply to these styles and so we must make sure that we are up to date on the current rules.

It is important to look at all bows carefully at inspection to ensure that there is nothing added to it to assist in range-finding. This may be marks, scratches, additional nuts/bolts etc. Ask the athlete what they are for, and if you have any doubt ask them to remove it or cover it up.

Also note – the athletes are not allowed to carry pictures of the targets with them. They are not allowed a list of which animals are in which group. They may carry the section of the rule book covering the distances for each group, but nothing more is allowed to assist them in identifying the distance.

Barebow, Instinctive and Longbow are not permitted any written memoranda in relation to sight marks. Compound athletes are.

### **A.2.4 Shoot Offs**

Qualification: Should a shoot off be required then this can be set up quickly in an area of the practice field.

Elimination: This will take place in a central area as soon as practical after the results are decided.

For these Shoot-offs, it is good practice to set the shot up immediately before you need to conduct it. This means that the athletes do not have chance to check the distance before.

Semi – Finals & Finals: Will take place on a 5<sup>th</sup> target



## **A.3 Jury of Appeal**

WA has recently developed a separate description re the organisation and work of the Jury of Appeal.

It has therefore been removed from this Guide Book.

## A.4 Venue Checklist – Target

Date:

Place:

Event/Round:

- 1. Safety
- 2. Distances
- 3. Target Lines
- 4. Shooting Line
- 5. Waiting Line
- 6. 3-Meter Line
- 7. Media Lane
- 8. Target Lanes
- 9. Buttresses
- 10. Target Faces
- 11. Mounting of Target Faces
- 12. Height of Centres
- 13. Angle of Buttresses
- 14. Buttresses Secured
- 15. Target Numbers – Centred
- 16. Wind Flags 40cm High; 25-30cm
- 17. Wind socks (height etc.)
- 18. Numbers at Shooting Line
- 19. Shooting positions marked on the line
- 20. Signals – Visual – Acoustic
- 21. Public Address system (DOS)
- 22. Timing equipment
- 23. Spare timing equipment
- 24. Spare Buttresses
- 25. Spare Target Faces
- 26. Check the Practice Field
- 27. Advertising ( possible reflection)
- 28. Emergency Telephone Nos.
- 29. Place for equipment control
- 30. Results system
- 31. Seats and shelter for Judges
- 32. Judges/DOS communication system
- 33. Jury of appeal (who, where)

Remarks:

## A.5 Tournament Checklist – Field and 3D

Date:

Place:

Event/Round:

- 1. Safety
- 2. Animals; Secured; Sizes
- 3. Animals, perpendicular on shooting direction
- 4. Kill Zone Sizes
- 5. Direction Marking; visibility
- 6. Target Numbers - position
- 7. Shooting pegs and positions
- 8. Practice Field
- 9. Practice Animals
- 10. Spare Animals, easy access
- 11. Shoot-off Area/Animals
- 12. Assembly Points
- 13. Scoring system and Scoreboards
- 14. Communications Equipment
- 15. Media and spectator Control
- 16. Course Inspection
- 17. Equipment Inspection
- 18. Medical personnel, accessibility on the courses
- 19. Provision of water
- 20. Toilet Facilities
- 21. Jury of Appeal
- 22. Judges' room
- 23. Advertising
- 24. Registration Numbers
- 25. Dress Regulations
- 26. Emergency Telephone Nos.

Remarks:



## A.6 Disabled Athletes

Already from the beginning of our present archery rules format, and even before that, participation in archery events by disabled athletes was a reality. During the years the number of disabled athletes has increased, both in WA events and in the events organized by the various organizations for people with disabilities. WA rules have now included rules for disabled in Book 3 chapter 21.

On a national level dealing with people with disabilities has occasionally put our Judges into situations not detailed in the rules or other procedures, and here I will try to give some recommendations, which may establish a certain pattern in the Judges' handling of such situations.

### A.6.1 Who is disabled according to the rules?

First of all, our Judges are not expected to know anything about medical conditions or various disabilities, but the intention of the rules are to allow people with disabilities to participate in archery competitions under special conditions. Further, common sense tells us that the disability must have relevance to the possibilities of standing when shooting, and perhaps having people loading the bow for an athlete and/or the athlete being strapped to the chair.

Since 2012 there has been greater consistency of issuing classification cards to disabled athletes, and these cards describe what kind of specific helping aids the athlete may use in competition – in order to bring them up to a competitive level. From 1 April 2014 new criteria will be applied which will require all currently classified athletes to be re-classified using the new criteria. Judges will need to see the classification card is dated November 2013 or later.

### **A.6.2 How much space will be allowed on the shooting line for people in a chair?**

It is important to understand that the indicated 80cm space for athletes is a minimum space. The idea of the rule is to prevent athletes from bumping into each other during shooting. A wheelchair will need from 100-120cm space, but as the athlete in front of the wheelchair athlete doesn't even need 80cm space for straddling the line, just minor adjustments are normally enough to solve possible space problems on the line because the upper body of the wheelchair athlete is further away from that of the next athlete. Some organizers often take care of the situation by using open places or placing the wheelchair athletes close to areas to the side of the actual shooting field. To prevent any bad feelings in the beginning of the competition, the shooting positions should be marked in order to deal with the situation. Shooting positions should be marked vertically across the line and the middle of the seat of the chair placed over it.

Organisers should avoid trying to place an able-bodied athlete on the same target as two wheelchair athletes. However two able-bodied athletes can fit on the line with one wheelchair. Those athletes using a stool or (ordinary) chair take no more space than able-bodied athletes because the stool specifications are not more than 80cm along the shooting line and 60cm towards the target.

### **A.6.3 May the disabled athletes in WA events remain on the shooting line after finishing their end?**

Based on procedures used for several years, and even in the Olympic Games, the answer is yes. The next question in this line will concern events where the shooting is in two sequences. Again the adjustments may be done according to point 2 above. How will the DOS be notified that an athlete on the line has finished his end? A procedure now mostly used is that the sitting athlete places his/her bow horizontally on the knees or on the ground on the waiting line side of the chair.

### **A.6.4 May an athlete - if necessary - be allowed to have an assistant on the line (close behind him/her) in order to nock the arrow on the string?**

An assistant is only permitted if the classification card specifies such assistance is necessary to enable the athlete to shoot a bow and arrow. The assistant must wear the same uniform as the athlete.

Presuming such help is not creating any unacceptable noise which may disturb the other athletes in the area, there should be no reason to deny such assistance. Practically speaking such a procedure is quite slow and will not give any advantage for this athlete compared with opponents. Further, WA now permits information from the team management to the athlete, so a suspicion of "coaching" is no longer a relevant reason for denying such assistance. This is particularly important for athletes with a visual impairment (VI) see the separate rules for VI athletes in chapter 21.



### **A.6.5 Scoring/pulling arrows**

Sometimes the question has arisen whether the other athletes on the target - or the organizer- are obliged to take care of scoring, pulling arrows etc. on behalf of the athlete. To this question the answer must be “no”. It must be the responsibility of the disabled athlete or his/her team to see to it that an agent (or Team manager) fulfils these duties in the athlete’s place. In large tournaments it is important there is one agent for every athlete with a disability or the tournament would be significantly delayed if the agent has to go from target to target to score and pull arrows.

### **A.6.6 Drawing the string to the chair**

Occasionally you may see a disabled athlete is drawing the string against the chair (or wheel on the wheelchair), and the question arises if this support is allowed. We may discuss if this is an advantage or disadvantage, but the organizations for athletes with disabilities are nowadays not enforcing prohibition of such a support, realizing that it is almost impossible to Judge the situation. Consequently we should therefore not be concerned about this aspect. But, what about drawing the string to the athlete’s own knee or thigh when sitting? As this is not a fixed support, we have to look upon this as a parallel to standing athletes drawing the string against the chest (protector) - and thus accept it.

### **A.6.7 Disabled athlete(s) in the team event**

Again the athlete - if necessary - is allowed to remain sitting on the line. Since this athlete is not crossing the one meter line, when does the change take place? The procedure is that “the disabled athlete raises his hand above his head when he has shot his arrow/arrows” as the indicator. To bring the bow from an “on the knee” position to a shooting position takes approximately the same time as moving from the one meter line to the shooting line, and in addition to the fact that the team of the disabled need to use an extra fraction of a second to check the correct changing position, this procedure has been considered to give a “fair” competition. Please note the hand must be clearly raised above the head. Some athletes just use the end of their release action and this is not sufficient.

The “arrow not removed from quiver” rule applies also here.

### **A.6.8 Amputees**

Another challenge in respect of disabilities has turned up recent years, as some bow arm amputees have developed a system of fixing the bow to their bow arm, either by a snap-on system or by artificial battery operated arm/finger solution. The “problem” vis-à-vis our rules is that this gives a totally fixed connection between the bow and what might be considered as the bow hand. And according to our rules the bow cannot be fixed to the hand. Athletes may use a bow-sling, even tightly fixed, but there will always be a certain flexibility, which is not given in the examples mentioned above. The system may constitute a major advantage towards other athletes and cannot be accepted within the WA rules at present. Note all competitive archery takes place under WA rules since 2009. The IWAS competition (World Wheelchair Games) still use the WA equipment rules even if some other requirements are not met.

### **A.6.9 Scopes**

Our general rules on scopes must also be used with a certain common sense. Our rules in this respect are made for media purpose, and if so happens that some disabled are not able to bend down to use a scope according to the intention of the rules, we allow them a bit “freedom” to use it according to their possibilities. The bylaws apparently approved by WA before 2013 Congress should have included the rule permitting the scope to be at the top of the shoulder for those standing or on stools. Those with the scope attached to their wheelchairs do not obscure the face so is not an issue. For all major Finals the screens are used like the able-bodied competitions.

### **A.6.10 Chair support**

One of the issues that has been more common, is if athletes during shooting are “hanging” on the chair support (handle extension). There should be a certain distance (110mm) to the arm pit and under no circumstances should the bow arm lean on this support.

For athletes using a stool (in the standing division) the athletes are not to lean on to the back support on the stool (if any).

Internationally the various disability organizations and some sports are gathered under the umbrella of IPC (International Paralympic Committee), but archery has now been “taken over”, by WA. This then continues the high level competitions where WA Judges may serve, such as Paralympics, World and Continental Championships for disabled, etc.

### **A.6.11 Timing during Match play**

As of 1<sup>st</sup> April 2018, 30 seconds will be allowed for a para archer to shoot his/her one arrow during a match play with alternating shooting.

Some athletes have physical difficulty in loading the arrows because of loss of an arm/hand or who have significant problems with finger/hand control. Because of which they often have a reduced time to actually shoot the arrow. It has been observed that a number of athletes have been deliberately targetted by opponents who shoot very quickly thus reducing the time available to load the arrow before the 20 second shooting time begins.

By permitting all Para athletes to have 30 seconds to shoot the arrow this disadvantage is overcome. Most athletes would continue in their usual pattern of shooting and therefore most alternate arrow shooting matches will not last any longer than now. However it will make shooting more fair for the small number of athletes who are currently significantly disadvantaged.

The rules for disable events have now become a part of our Book 3 and thereby some more responsibilities (previously handled by classifiers) re items to check have been given to our Judges. Still we strongly recommend our Judges to apply for these duties, as these competitions, are shot according to WA rules and give valuable training for our Judges. We also contribute to giving these competitions a higher status.



## A.7 List of WA Licensed target Faces

*Target Face Licensed manufacturers (WA web site October 2018):*

JVD Distribution (NED)

Maple Leaf Press Inc. (USA)

Geologic (FRA)

Arrowhead (GBR) (also sells under Temple Faces)

Krueger Targets (GER)

FIVICS Archery (KOR) (formerly SOMA)

Decut Creation Invention Archery solution (CHN)

Avalon Archery (BEL)



## **A.8 Director of Shooting (DOS)**

### **A.8.1 Perspective on The Director of Shooting**

The quality of a competition is directly proportional to how well the Director of Shooting (DOS) discharges his/her duties and responsibilities. Will the tournament develop its own rhythm and flow uneventfully to its conclusion, with only those interruptions caused by the occasional equipment failure, bounce-out, etc., or will the tournament be fraught with unnecessary delays and interruptions because the DOS was not properly prepared to assume the responsibilities necessary to provide a quality competition? Unfortunately, the latter scenario seems to occur all too frequently. Frankly, the Tournament Organizers and especially the athletes deserve better. Hopefully, the observations and suggestions contained herein will provide the basis for standardization concerning the duties and responsibilities of the DOS.

The duties of the DOS are varied and include, but are not limited to, controlling the timing of the competition, directing the order in which the competitors will occupy the shooting line, controlling the audio equipment and all announcements, if no other qualified staff has been appointed to do so, ensuring that all safety measures are observed as they apply to the competitors, field crew and spectators, and monitoring the activities of the press, field crew and spectators. The DOS **MUST** work closely with the Tournament Director, the Event Director, the Sports Presentation Team, the TV Producer, the Judges, and the Field Crew to ensure that the competition runs smoothly. So that this may become a reality, effected in a professional and timely manner, the following has been developed as a guideline for those who accept the very challenging position of DOS and covers the duties and responsibilities expected of a DOS – TD – Speaker/commentator from the time of appointment to the conclusion of the event.

### **A.8.2 Pre-Tournament Preparation**

The preparation phase of this position begins the day the individual is appointed DOS of an event. Shortly thereafter the Judge appointed as DOS will:

- (a) Begin a dialogue with the Chairperson of the Organizing Committee, The Chairperson of the Judges' Commission and the Technical Delegate as a means of introduction and to begin the process of assimilating information that may be pertinent to the execution of his/her duties.*
- (b) Obtain a copy of the tournament agenda and a diagram of the field layout.*
- (c) Discuss with the OC who will be the Deputy DOS. This position is vital to the success of the event, especially where match play is part of the agenda. One person cannot properly and safely control a shooting field under today's tournament conditions.*

*(d) Discuss with the OC and the Event Director the size, design and placement of the DOS stand.*

*(e) Discuss with the OC what timing control system will be used and what will be the backup system.*

*(f) Check to see if there will be a Sport Presentation Team and a TV Production and when, so the responsibilities are clear to everyone.*

*(g) Become thoroughly familiar with current rules and interpretations as they may apply. Sources include the World Archery Constitution and Rules, Judge Newsletters, World archery Information Bulletins, Judge Guidelines and the Judge Committee itself.*

*(h) Assemble the tools of the trade which may include writing instruments, timing control sheets, calculator, whistle, stop watch, binoculars, foul weather gear, rule book and anything else that may assist the DOS and the assistant in the performance of their duties.*

Note: Timing control sheets must be used. It is impossible to properly monitor the progress of the competition without them. Many of those who are experienced at this job prefer to make their own that are particular to the event itself since formats may vary depending on the scope of the event.

### **A.8.3 Upon Arrival on Site**

(a) Arrange to meet with the Tournament Organizers, the Judges, the Technical Delegate and the Field Crew Manager to discuss tournament protocols as they pertain to this event. Take the opportunity during this meeting to advise that during the competition, the DOS stand is OUT OF BOUNDS to all personnel unless an emergency should occur. A meeting should be organised with the sport presentation crew to establish communication protocols and where they are located. Communication with the DOS can be made when the athletes are scoring at the targets. This is a very important standard to establish very early on since the DOS and assistant need to concentrate totally on controlling the competition. Reaffirm this during the Team managers' meeting.

(b) Become familiar with any changes in the program that may have to be dealt with and deal with them accordingly.

(c) Arrange for a tour of the shooting field itself and become familiar with security arrangements paying particular attention to all points of entry to the facility that may prove dangerous for staff and spectators once the competition gets under way. Arrange for additional security accordingly. Discuss arrangements for monitoring the activities of the media.

(d) Inspect the DOS stand and its placement on the field. The stand itself must be placed in such a way so that the DOS and Deputy DOS have an unobstructed view of both sides of the field. This may be in the centre of the field, 2-3 metres behind the shooting line, or at either end of the field. The stand should be elevated and large

enough to comfortably accommodate the DOS, deputy and the timing control and communication equipment. It should have a roof with sufficient overhang to offer shelter from sun, wind and rain. Commentators and technical staff should not operate out of the DOS stand unless for technical reasons it is not possible to do otherwise. The DOS stand must be of "limited access" which will discourage unauthorized personnel from trying to access the DOS stand. A perimeter fence of about one meter distance is very handy to keep athletes and observers away from the DOS stand.

(e) Arrange to see check lists used by the Chairperson of Judges (COJ) and the Tournament Director. The responsibilities of these two people are listed on these forms, and while it's not the responsibility of the DOS to do the jobs of either the COJ or the Tournament Director, once the tournament begins, the conduct and control of the event becomes the responsibility of the DOS. The DOS should make a preliminary check to assure that the proper equipment and personnel are available and in place.

(f) Obtain a list of competitors by country in alphabetical order. This need not be in detail but only needs to list the total number of competitors from each country. This list will be used by the DOS during the inspection of the athletes' equipment. The DOS can be of great value to the Judges by calling the countries to equipment control over the microphone and such a list allows the DOS to properly control the flow of athletes through the control.

**Sample Script:**

May I have your attention please. The Judges are ready to proceed with equipment control. The athletes and team managers from Albania, Azerbaijan and Belarus please proceed to the Judges' tent to the left of the shooting line. Will the Czech Republic and People's Republic of China please stand by you will be called next.

Set aside a period of time to practice with all equipment to be used. The Public Address (P.A.) system, the timing equipment and also the back-up systems. Ensure that you are familiar with the changeover procedures from primary to back-up systems. Time spent to familiarise yourself with all the systems will allow you to have confidence to run through an event and overcome any problems that may arise. Ensure that your assistants are able to practice as well.

For instance - The timing system, currently being used at World level events, is controlled using keystrokes. Some functions may require several sequential strokes. A time delay is built in to the system and so it is possible to be so quick as to be incomplete with a function change. This may manifest itself as a clock stopping or incorrect lights showing etc. You must be prepared to discover any such idiosyncrasies of the systems in use.

Make a check on all shooting fields checking that timing systems and sound signals are visible / audible at all points on the shooting line (both right and left handed athletes). Ensure that the PA system is audible throughout the competition areas.

### **A.8.4 During the Competition**

(a) Take the time during official practice day to familiarize yourself again with the timing control equipment and begin to establish your script for future announcements that have to be made. Arrange to be copied on all tournament documents from this day forward to the conclusion of the competition.

(b) Work with the COJ and field staff to recognize areas of weakness in the field setup and control and make adjustments accordingly.

(c) Arrive on the field at least one half hour prior to the countdown so that a visual check of the venue and timing control system can be made. Touch base with the COJ prior to the beginning of each session.

(d) Be very well groomed but not dressed in the same attire as the judges. Wearing the second colour shirt provided by WA, opposite to that worn by the Judges, is a possibility. Check with the COJ. The duties of the DOS and deputy are very different to that of the Judges and there should be no confusion in the eyes of the competitors or spectators. There will be occasions where the organizers will provide uniforms for the DOS and deputy.

(e) The DOS should always take the time to gather his/her thoughts prior to using the microphone. The only exception would be in the event of an emergency. It is advisable that the DOS have a prepared script that covers standard announcements concerning the countdown to the competition, equipment failure, bounce-out, etc. There will also be many announcements that must be made daily such as transportation arrangements, lunch breaks, adjustments in the schedule, etc. that must be made, sometimes time and again depending on their importance. It is best not to speak too rapidly when using the microphone. This can cause mispronunciation and/or omission of important information that needs to be communicated to the competitors and spectators alike. Always speak in a firm but pleasant tone of voice since many competitors and coaches may have a limited understanding of the language in which you are communicating. Practice listening to your announcements as you make them, to adjust your speed to accommodate the acoustics of the venue, echo etc.

#### **Sample Script:**

Team managers may I have your attention please. The COJ has requested that you gather at the rear of the DOS stand immediately to discuss a possible change in this afternoon's agenda.

(f) It is important that prior to the beginning of each session, a countdown be given to the competitors and the spectators. This will guarantee that all concerned will know when the competition will begin. The countdown should be given at intervals beginning at 15 minutes prior to the start of each session and at subsequent intervals of 10 minutes, 5 minutes and 1 minute.

#### **Sample Script:**

Good morning/afternoon ladies and gentlemen. Welcome to the (name of event). The competition will begin in 15 minutes.



The competition will begin in 10 minutes.  
The competition will begin in 5 minutes.  
The competition will begin in 1 minute.  
Will the Judges please take their positions on the field.

(g) Immediately prior to the close of the morning session, announcements concerning the length of the lunch break, the time that the afternoon session, and the official time should be given. Any additional announcements that need to be given and an invitation to the media to take photographs at the targets may be given (at the end of the afternoon session as well). At the completion of the day's competition, announce the time that the next day's program will begin and close the field to competition.

**Sample Script:**

Given prior to sending the athletes down to the targets.

One moment please. That concludes the competition for this morning. We will now break for lunch and restart the competition at 1300 hours (always use military time). Those accredited photographers who wish to take photographs down at the targets are invited to do so. The official time is 1143 hours.

One moment please. That concludes the competition for today. The field of play is now closed until tomorrow when we will continue the competition at 0900 hours. Those accredited photographers who wish to take photographs down at the targets are invited to do so.

(i) Each tournament will develop it's own rhythm or flow which is generally established by the DOS. It's important that the DOS not interrupt this flow in an arbitrary manner. It is important that all sound signals be given in a consistent manner. This way the athletes can become familiar with the tournament flow and adjust their approach to the event. There will always be interruptions to this flow that are beyond the control of the DOS, but in those instances where the DOS can maintain a consistent rhythm, this should be done. The athletes will appreciate it. As to the question of whether this rhythm should be slow or fast, it is the preference of most athletes to have a fast consistent rhythm. Eliminate at all costs delays and interruptions to the tournament. Always communicate how the next phase of the schedule will be conducted.

**Sample Script:**

That concludes your 1/16th elimination competition. As soon as the judges determine whether we will have any shoot offs for ties, the field will be re-configured for the 1/8 elimination round. Please be prepared to get underway on a 2 minute warning.

Ladies and gentlemen, we are ready for our first individual bronze medal match. This will be the Compound Division between the athletes from Italy and the Russian Republic. Will those athletes and the Judge controlling the match proceed to the shooting line for introduction.

(j) There will be occasions where the competition will have to be interrupted because of an equipment failure, bounce-out, pass through, problems on the field, etc. Once all athletes have retired from the shooting line, an announcement must be made describing the nature of the problem and its planned resolution. The exception is when an emergency occurs such as a buttress blowing over or a security violation that may cause injury to a competitor or a spectator. In these circumstances the shooting must immediately be interrupted by 5 or more sound signals after which the appropriate personnel will correct the problem. In all instances where there is an interruption to the competition, the COJ or the judge on the scene must advise the DOS of the nature of the problem and the anticipated time it will take for its resolution.

*Be attentive, as athletes become accustomed to the rhythm of the shoot, they may try to advance to the targets at the first sound signal heard.*

**Sample Script:**

One moment please. There will be a brief pause in the competition because of an equipment failure on target # 23. The athlete has 2 arrows to shoot.

One moment please. There will be a brief pause in the competition because of a bounce out on target # 6. Will the judge and the athlete involved proceed to the target.

One moment please. There will be a brief pause in the competition because a target face has become unsecured from the buttress on target # 52. Will the judge and all athletes who have arrows to score on that target proceed to the target.

Ladies and gentlemen, we have had to interrupt the shooting because a spectator has wandered onto the west side of the field. Please step back behind the waiting line. We will continue with the competition as soon as the Judges secure the field. There are 71 seconds left on the clock.

Note: The above script is a sample of how a successful DOS can communicate in a calm and concise manner. Each individual may adapt these sample announcements to reflect their own personality and manner of speaking. This sample script was not intended to cover every possible situation that may occur during your management of a competition. The intent is to illustrate a style of communication that is calming while at the same time being authoritative in the most frequent situations that will occur during a day's shooting.

(k) Judges control the conduct of the competitors. It is not the responsibility of the DOS to police the athletes or the Judges. One exception to this procedure may be where the DOS is also the COJ. It should be mentioned that this cannot happen at International events but does happen quite commonly at small, local club type events. The location of the DOS stand gives the DOS the best view of the competition venue and he/she may observe infractions that go unnoticed by the Judges. There are occasions where a Team manager or a competitor may complain to the DOS about the conduct of a competitor or a judge. In circumstances such as these, the DOS must not take action to resolve the complaint directly. The DOS will

pass along the complaint to the COJ whose responsibility is to do what is necessary to resolve the situation.

(1) It is recommended that if there are fewer than 10 seconds remaining on the timing equipment and the shooting line is clear of all competitors that it is best to let the timing sequence complete itself automatically rather than to re-set the clock. This will maintain the smooth flow of the competition that has been established and in no way compromise the overall length of the competition.

It has become common practice, at events for athletes with a disability, to run the clocks completely down at each end. This ensures that athletes still shooting are uninterrupted, as they may be hidden amongst athletes in wheelchairs/or those standing whilst but permitted to remain on the line, who have finished shooting..

It is very important that the DOS and assistant refrain from taking photographs from the DOS stand during the competition and should not use binoculars to spot arrows.

It is also very important that the DOS and assistant check the target line prior to giving the sound signal to occupy the shooting line so that it can be determined that no arrows have been left in a target and that no athletes are in and around the buttresses.

### **A.8.5 Major Events (World Championships, World Cups, Olympic/Paralympic Games, Other Games)**

At these events a Sports Presentation Crew is being appointed more and more regularly and this could be from as early as the qualification round onwards.

In such cases the duties of the DOS change. He is now responsible to a Show Director (or sport Presentation Manager) who is the liaison between the shooting field and the media. The timetable may be set by a television schedule and not the published programme.

Other staff involved can be:

- *Commentator & Presenter: can be more than one person for handling different languages.*
- *The Audio Operator and or DJ.*
- *The Floor Manager (TV-Broadcasting): the liaison between the TV Producer and the Show Director.*
- *Field of Play Marshals: to co-ordinate the flow of the Athletes and Judges on the Field of Play.*

It is critical for all of these people to work as a team with the DOS.

The DOS must be prepared to ensure that contact is maintained with the Show Director at all times. The control of shooting remains with the DOS although the commencement of each phase will be the responsibility of the Show Director.

If a commentator is present, announcements will be made by that person. The DOS will still require that timing announcements etc; are made but these will be made by the commentator for continuity. However, if the commentator is not reliable and/or has very poor English it may be necessary for the DOS to continue to make the announcements so the competition and officials know clearly what is happening.

During finals, the Sport Presentation team will base everything on zero time, being the time at which television has advertised the start of the event.

The DOS must arrange to be able to override the commentator at all times so that security announcements can be made.

The DOS position will now fit in with the structure of the finals field and it is critical that he/she is close to the Show Director and the Floor Manager.

The DOS will not always have a complete or unobstructed view of the field of play and security may be shared with the Line Judge who may have a better view in such instances.

Elimination matches will probably be shot on the finals field, two at a time. In the case of two matches being shot at the same time, timing will be carried out by timing officials, under the control of the DOS.

The DOS will indicate the start and finish of each end. The timing officials will control the timing of the alternation in each match. It is essential that the DOS has contact with these officials as he must know when both matches have shot the full complement of arrows. It is advisable to use Assistants to help with this task.

Finals matches will be controlled by the DOS. An assistant can be employed in counting arrows as a double check on the time control. This advice applies both for individual and team matches.

### **A.8.6 Summary**

The DOS is one of the senior ranking officials on the field once the competition begins. You may say that he or she is the choreographer of the event in cases where there is no Show Director. Nobody on the field has a greater impact on the success or failure of the competition once the shooting gets underway. For this reason the DOS must be as prepared and knowledgeable of the rules of shooting as the judges and of field management as the field crew.

The DOS should make no distinction as to whether a tournament is a local competition or the World Championship. All tournaments should be conducted in the same manner so that the athletes can expect the same standards wherever they compete even though the role of the DOS may differ from tournament to tournament.

The DOS must approach each assignment with an equal level of preparation and skill. The DOS is responsible to the Tournament Organizers and the competitors, so the DOS must know the rules of shooting, deportment and conduct.

The DOS must be prepared to conduct himself or herself in a competent, professional and dignified manner and in so doing create a climate where the only thing the competitors have to worry about is shooting their arrows to the best of their ability.

The most important thing for the DOS to keep in mind at all times is *that* he/she is a servant of the competitors and the competition. The competitors are on stage and are the stars. The DOS is only a stage manager, but must be the best that he/she can possibly be and be protective of the competitors if the entire production is to be successful. It is also important to state that it is vital that the appointed DOS be very well trained in all aspects of tournament and field management as well.

*Skip Phillips and Neil Dimmock*  
*World Archery Judges Emeritus*

## A.9 Team managers meeting – Agenda

The Team managers' Meeting is held one day before the official practice, preferably in the evening when hopefully all the teams have arrived, or now more often during the official practice day. This meeting allows World Archery and the Organizing Committee to detail all important information affecting the competition. The meeting will be chaired by the Technical Delegate assisted by the appointed Judge Commission Chairperson and a senior representative of the Organizing Committee.

After transportation, the strongest first impression given by the Organizer and the WA Technical officials is the first Team managers' meeting. In order to give the best impression, organizers, the co-ordination committee, the Technical Delegate and the Chairperson of Judges must concentrate on the planning and preparation of Team managers' meetings. Most of the Team managers' meetings that were not well-run were suffering from the fact that the key people involved were not well-prepared. The following items should always be respected in order to run a successful Team managers' meeting:

- *be prepared, a preparatory meeting of the people listed above is necessary.*
- *a written document or diagram is much clearer and better than a spoken word. Remember not everyone speaks and understands English.*
- *a written document with all key information should (needs to) be distributed at least 12 hours before the start of the meeting.*
- *the aim of the meeting is to clarify open issues, the information should be given before not during the meeting. The meeting is to explain the information, not to distribute information.*
- *all parties involved should be present but only the designated persons in this document should address the meeting.*
- *if items cannot be resolved, set a deadline and inform the Team managers of the resolution before the deadline.*
- *do not guess and give an answer, it is better to give a correct answer at a later time than guess and make mistakes.*
- *do it right the first time.*
- *it is not a problem to organize a second meeting, even an informal one if other matters need to be discussed.*
- *the meeting should be short. Remember, Team managers are there to help their teams, not to waste their time in meetings.*

### Possible Agenda for Team managers' Meeting

#### Opening

Brought to order by the Technical Delegate and introduction of the WA President or his representative for official welcome.

1. Roll call of all teams by the Technical Delegate.

If any registered team representatives are absent, a request should be made by the TD to have other team representative/volunteer(s) to take all pertinent information to the missing team manager(s).

2. Introduction of Officials (TD)

- *WA President or his delegate*
- *Co-ordinating Commission Committee*
- *NF President*
- *President Organising Committee*
- *WA medical representative*
- *Tournament Judges' Commission (by the Chairperson of Judges)*
- *Director of Shooting (by the Chairperson of Judges)*
- *Jury of Appeal*

3. Technical Aspects of the competition (TD + Chairperson of Judges)

- *Competition Programme.*
- *Practice: when/where?*
- *Participation numbers per class*
- *Equipment Inspection; when/where?*
- *Qualification Round including information on scoring.*
- *Elimination Round*
- *Finals Round*
- *Team Elimination Round*
- *Team Finals Round*
- *Dress Regulations*

4. Logistical Aspects (OC)

- *Transportation, venue, social, airport etc.*
- *Meals, during practice, cost and who pays.*
- *Banquets and other social functions.*

5. Protocol and ceremonies (OC)

6. Medical Related issues (Medical representative)

7. Technical Matters: (TD + Chairperson of Judges)

- *Timing control system.*
- *Results system*
- *Tie - breaking procedures.*
- *Clarification of any rules which have caused confusion at previous competitions*

8. Recent rules changes and WA Committee official interpretations. (Chairperson of Judges)

9. Other matters of Importance. Open the floor for Team managers questions.(TD)

10. Closing (TD)

## A.10 Team manager's Intent of Appeal Form



### APPEAL FORM / FORMULAIRE D'APPEL

This is an intention of Appeal / Ceci est une intention de faire appel   
 This is an appeal from / Ceci est un appel   
 (please tick appropriate box / cochez la case appropriée)

the Team Captain of the following country :  
 / du capitaine d'équipe du pays suivant: -----

Name of the Team Captain: / Nom du capitaine d'équipe: -----

a Team (please name country): / d'une équipe (précisez le pays): -----

an individual person (name) :  
 / d'une personne individuelle (nom): -----

other (please specify) / autre (précisez): -----

This appeal is against / cet appel est dirigé contre: -----

Description of Appeal or Protest / Description de l'appel ou de la plainte:  
 -----  
 -----  
 -----  
 -----

I believe this action is against the following rules (state article if known) :  
 / je pense que cette action viole les règles suivantes (citez l'article si connu): -----

Signature : Name in printing / nom en capitales: -----

**Article 3.13.3:**

An intention to appeal when it might affect the progression of an athlete from one stage of the competition to the next, must be expressed in writing and lodged with the Chairperson of the Tournament Judge Commission within 5 minutes of the end of the relevant round or match, whichever comes first. The written appeal must be lodged with the Jury within 15 minutes of the end of the relevant round or match, whichever comes first, to allow the Jury to come to a decision before the beginning of the next round of the competition.

**L'intention de faire appel** dans le cas où cela pourrait affecter la progression d'un concurrent entre une phase de la compétition et la phase suivante doit être exprimée par écrit au Président des Juges du Tournoi dans les **5 minutes** suivant la fin de l'épreuve ou du match en question, peu importe celui qui arrive en premier. **Cet appel écrit** doit être présenté au Jury dans un délai de **15 minutes** suivant la fin de l'épreuve ou du duel en question, peu importe celui qui arrive en premier, pour que le Jury prenne une décision avant le début de la phase suivante de la compétition.

**Article 3.13.8:**

Jury decisions shall be minuted and submitted to the appellant, the Chairperson of the Tournament Judge Commission and the Organizers before the beginning of the next stage of the competition or before the awarding of prizes.

Le procès-verbal des décisions du jury d'appel est soumis au requérant, au Président des Juges du Tournoi et aux organisateurs avant le début de la phase suivante de la compétition ou avant la remise des prix.

Received on / reçu le: ----- time / heure:-----  
 by Chairperson of the Tournament Judge Commission / par le Président des Juges du Tournoi:

Signature: Name in printing / nom en capitales: -----



## A.11 Judge Assessment

Judges Name:.....

Judges Surname:.....

Judges Status:.....

Date:.....

Competition:.....

Here we would like the Chairperson to make an overall summary of the performance of each individual judge, in which the following criteria may be taken into consideration.

- (a) *Is dressed appropriately for the occasion and is well groomed.....*
- (b) *Demonstrates authority in a satisfactory manner.....*
- (c) *Has a thorough knowledge of the rules.....*
- (d) *Shows good Judgement throughout the tournament.....*
- (e) *Follow up directives and acts according to established procedures*
- (f) *Possesses desirable qualities (i.e., fairness, courtesy, etc).....*
- (g) *Is quick in making decisions when appropriate, yet has the ability to withhold Judgement long enough to be sure of decision.....*
- (h) *Is observant and take actions – if necessary (e.g. team event)*
- (i) *Gives decisions in a clear, firm but pleasant manner.....*
- (j) *Arrives well in advance of the start to meet with other Judges, Scorers, etc.....*
- (k) *Demonstrates good co-operation with other Judges, competitors and spectators.....*
- (l) *Contributes constructively to Judges Commission meetings during the tournament.....*

*General comments*

Signed:.....

Title:.....

## **A.12 Tournament Report**

Tournament Report.

Name of Tournament: \_\_\_\_\_

Date & Location: \_\_\_\_\_

Type of Rounds: \_\_\_\_\_

Type of Buttress: \_\_\_\_\_

Type of Target Face (Licensee): \_\_\_\_\_

**Issues related to Field Inspection:** \_\_\_\_\_

<Refer to the checklist mentioned in page: 84 & highlight issues specific to point>

**Weather Conditions:** \_\_\_\_\_

**General Observations:**

**Pass-throughs / Bouncers / Equipment Failures:** \_\_\_\_\_

**Shoot- offs:** <number of shoot offs> <any specific issue related to Shoot off>

**Issues related to Athlete's / Teams:**

**Equipment Issues:**

Athlete's Name	Country	Equipment Issue	Picture

**High Draw Cases:**

Athlete's Name	Country	Issue	Warning Issued	Picture

**Uniform Issues:**

Athlete's Name	Country	Issue	Warning Issued

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

## A.13 Chairperson Check List

Upon appointment the Chairperson should request the following information from WA:

- *The names and addresses (postal and email) of all the appointed Judges and alternates.*
- *The name and address of the Organizing Committee's contact person.*
- *The name and address of the Technical Delegate, requesting from him/her all important information he/she may have based on visiting the venue.*
- *The name and address of the DOS*
- *The names of the Jury Members*
- *A detailed schedule of the tournament and required date of arrival/departure for the Judges' Chairperson and for the Judges*
- *Information of accommodation, transport, venue location etc for the Judges, seeing to it*
- *that the Judges will have a single room accommodation if at all possible.*

Then the Chairperson should provide the following information to the Judge, alternates and Judge Observer (if any):

- *A letter of introduction, including possible information re rules, judging or procedures that he/she finds necessary to enhance.*
- *Location of the event and arrival points and dates.*
- *Tournament schedule.*
- *Judges' accommodation and meals.*
- *Dress code for the Judges at the tournament.*
- *List of equipment and clothing the Judges should bring.*
- *Date and time of the first Judges meeting upon arrival (so that everyone, except alternates, may organize their arrival accordingly).*
- *An update of WA rules and by-law changes – if any.*

Upon arrival and during the event the Chairperson will be responsible for the following (though he/she may distribute some tasks to the deputy chairperson (appointed by the Chairperson) or individual members of the group):

- *Preparing an information package for the Judges for the first meeting, including detailed program, bus schedule, distribution of duties etc.*
- *Preparing and conducting part of the Team managers' Meeting in all matters related to the execution and control of shooting and scoring. It is a huge advantage to prepare important information in advance for distribution among Team managers.*
- *Holding daily meetings with the Judges at the end of the day to discuss matters related to the competition on that day – and preparing for the days to come.*

- *Coordinating matters related to the competition with the Organizing Committee and T.D.*
- *Meeting with the field crew and scorers (if any) to discuss their duties on the field and clarify possible problems.*
- *Furnishing the Judges with complete lists of athletes and results, check lists, pairing charts etc. in due time.*
- *Keeping record of the most important information discussed in the Judge Commission Meetings.*
- *Creating a team work atmosphere among the Judges through clear information, positive and encouraging attitude and keeping the group feeling throughout the entire stay. Over-seeing the work of his/her Judges on the field ensuring that all the duties, procedures and guidelines for Judges are conscientiously followed up.*
- *Working with the Judge(s) concerned in any appeal in which a decision of Judge(s) is involved.*

At the end of the event, the Chairperson is responsible for:

- *Preparing a report for WA (WAJC) on the highlights of the tournament from the point of view of judging*
- *Drafting the Judges' evaluation and submitting it to the WAJC.*

## A.14 “Walkie Talkie” Procedures

(by James Larven)

At most tournaments two-way radio's or “walkie talkie” radios are used for communications. To ensure good communications between all parties' consistent “walkie talkie” usage protocols must be used and maintained.

### Description

A two-way radio or “walkie-talkie” is a radio that can transmit and receive, unlike a broadcast receiver (*standard radio*) which can only receive radio content.

Two-way radios are available in stationary base or hand-held portable configurations. Hand-held radios are often called walkie-talkies. walkie-talkie's are fitted with push-to-talk or press to transmit button to activate the transmitter and send a message.

A walkie-talkie generally has the facility to select one of a number of channels to send messages. Depending upon the size of a tournament one channel can be used for everyone or different channels for specific groups.

These channels should be established by the Organising Committee prior to the event commencing and communicated to all parties. The Organising Committee should provide each person using a radio with a card identifying the channels which each group will use during the event. This card should also identify the call signs of each party.

Each Judge and DOS should be identified by a call sign such as Judge 1, Judge 2, etc., and the DOS with the call sign DOS.

### International Language

There is extensive radio language used when communicating using Walkie-Talkie's but for our purposed we should only be using the following key words.

#### “OUT”

*This is to be used to end a transmission where no answer is required or expected.*

#### “OVER”

*This is the end of transmission and a response is required or necessary. It should be noted that, contrary to popular belief, "Over" and "Out" are never used at the same time, since their meanings are mutually exclusive. Therefore "Over and Out" should never be heard.*

#### “CONFIRM” or “CONFIRMED”

*"Confirm or Yes"*

#### “NEGATIVE”

*"No"*

### “SAY AGAIN”

*“I have not understood your message, please repeat”*

*Note that the word "REPEAT" is never to be used in place of SAY AGAIN, especially in the vicinity of naval or other firing ranges, as REPEAT is an artillery word with a whole different meaning. However, REPEAT may be used in the middle of a signal to emphasise information. An example of using SAY AGAIN –*

- *Target Judge sending scores to Results would say - Results this is Target 1 score [transmission unintelligible]...OUT.*
- *Target 1 this is Results “Say Again” ....OVER.*
- *At this point the Target Judge would reply Target 1 score 52, 5..2...OUT.*
- *Results would reply .....Target 1 score 52, ..5...2 CONFIRM...OUT.*

### GENERAL PROTOCOL

The general protocol to be used by judges at a tournament is –

To make a call

- *Depress send button and clearly say into microphone the name of the person or title you wish to speak too e.g. (DOS) and then your name or title John Smith and/or title Judge 1 followed by message and OUT.*
- *When you complete the message to finish say OUT if an answer is not required or expected or OVER to end of my transmission and await a response.*
- *When the response is received you would say CONFIRMED OUT.*

When making a call always say the name or title of the person you wish to contact followed by your name or title and then the message.

When responding to a call say your name or title and the name and the title you are responding too.

### REMEMBER

To talk you MUST depress send button and keep depressed while talking, release when you have finished talking.

When sending scores always say score followed by each number for example score 56,...5...6

## EXAMPLES

### *Sending Scores to Results*

- *Message - Results this is Target 1 score 52,...5...2 OVER.*
- *Response - Target 1 this is Results Target 1 score 52 5 2 CONFIRMED OUT.*

### Judge Reporting Equipment Failure

- *Message - DOS from Judge 2 - Equipment Failure on Target 65,...6...5 with 3 arrows to shoot OVER.*
- *Message - DOS to Judge 2, Equipment Failure on Target 65,...6...5 with 3 arrows to shoot Confirmed please advise when athlete is ready OVER.*

Communications should continue in this manner until equipment failure is resolved.

### *Tie*

- *Message - DOS from Judge 2 Tie on Target 65,...6...5 OVER.*
- *Message - DOS to Judge 2, Tie CONFIRMED OUT.*

When the judge returns to the shooting line with the archers and the athletes are ready the Judge should advise the DOS.

- *Message - DOS from Judge 2, Tie on Target 65,...6...5 athletes ready OVER.*
- *Message - DOS to Judge 2, Athletes ready will commence tie when field clear CONFIRMED OUT.*

### Field Equipment Repair

- *Message - Field Crew from Judge 3, new target face required on Target 65,...6...5 OVER.*
- *Message - Field Crew to Judge 3, new target face target 65,...6...5 CONFIRMED OUT*

### Communications List

To facilitate efficient communications each person issued with a walkie talkie should be issued with a "Call Sign". These call signs should be listed on a card and a copy of the card given to each person who will be using the walkie talkies for the event.

The communications list should include each person's name and their call sign.

*Example*

<i>John Smith</i>	<i>Judge Chairman</i>
<i>Mary Jones</i>	<i>Judge 1</i>
<i>Fred Park</i>	<i>Judge 2</i>
<i>Bob Singh</i>	<i>DOS</i>
<i>Jack Black</i>	<i>Field Crew Supervisor</i>

Ideally the list should be kept with each Officials accreditation for easy access and review.

Each day when Judges are assigned to targets a list of who will be officiating on each target should be distributed to everyone involved in that days competition.

*Example*

<i>Targets 1 - 5</i>	<i>Targets 6 - 10</i>	<i>Targets 11 - 15</i>	<i>Targets 16 - 20</i>	<i>Targets 21 - 25</i>	<i>Targets 26 - 30</i>	<i>Targets 31 - 35</i>
<i>Judge 1</i>	<i>Judge 2</i>	<i>Judge 3</i>	<i>Judge 4</i>	<i>Judge 5</i>	<i>Judge 6</i>	<i>Judge 7</i>

This will enable the DOS, Field Crew and all other people on site using the walkie talkies to quickly and easily identify who is calling without the use of a person name which could be misunderstood over walkie talkies.