



## IPC ARCHERY RULES & REGULATIONS

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International Paralympic Committee  
Adenauerallee 212-214  
53113 Bonn, Germany

Tel. + 49-228-2097-200  
Fax. +49-228-2097-209

E-mail: [info@paralympic.org](mailto:info@paralympic.org)  
[www.paralympic.org](http://www.paralympic.org)



<b><i>Chapter 1 - Technical Rules</i></b> .....	<b>4</b>
1.1 Introduction.....	4
1.2 Disciplines.....	4
1.3 Divisions.....	4
1.4 Sport Classes .....	5
1.5 Rounds.....	6
1.6 Competitions .....	8
1.7 Events .....	8
1.8 IPC Competition Format.....	8
1.9 Competition Types .....	8
1.10 World and Regional Records and Awards .....	8
1.11 World Ranking List.....	8
1.12 Venues.....	8
1.13 Competition Officials and Control Bodies .....	8
1.14 Rules for Visually Impaired Archers.....	8
<b><i>Chapter 2 – Classification Rules</i></b> .....	<b>8</b>
2.1 Archery Sport Classes .....	8
2.2 Functional Classification System.....	8
2.3 Locomotor Disabilities .....	8
2.4 Classification Procedure .....	8
2.5 Assessment of Points.....	8
2.6 Sport Class Profiles.....	8
2.7 Sports Equipment and Assistive Devices.....	8
2.8 Use of Classification Cards .....	8



<b><i>Chapter 3 - Technical Regulations</i></b> .....	8
3.1 Paralympic Games.....	8
3.2 Championships.....	8
3.3 Sanctioned Competitions.....	8
3.4 Recognized Competitions.....	8
3.5 Responsibilities of Organizing NPCs .....	8



## **Chapter 1 - Technical Rules**

### ***1.1 Introduction***

This document outlines the rules that will govern the archery competitions sanctioned or approved by the International Paralympic Committee.

- 1.1.1 IPC Archery competitions will be governed by the technical rules governing competition on the field of play of the Federation Internationale de Tir a l'Arc (FITA), together with the changes and amendments included hereafter.

### ***1.2 Disciplines***

- 1.2.1 Competitions in the Sport of Archery are classified in the following disciplines:

- Outdoor Target Archery;
- Indoor Target Archery;
- Field Archery (experimental)
- Ski Archery / Arcathlon (experimental)

### ***1.3 Divisions***

- 1.3.1 Competitors using different types of bows are grouped in separate divisions and compete in separate events.

- 1.3.2 IPC recognises the following Divisions:

- 1.3.2.1 For Outdoor Target Archery:

- Recurve Division with equipment as specified in FITA Article 7.3.1 with the addition of 2.7.2.4 and 2.7.2.5 classification rules for athletes in ARW1 sport class.
- Compound Division with equipment as specified in FITA Article 7.3.3.



- Visually Impaired Division with additional rules as in 1.14

#### 1.3.2.2 For Indoor Target Archery:

- Recurve Division with equipment as specified in FITA Article 8.3.1 with the addition of 2.7.2.4. and 2.7.2.5 classification rules for athletes in ARW1 sport class.
- Compound Division with equipment as specified in FITA Article 8.3.2.
- Visually Impaired Division with additional rules as in 1.14

#### 1.3.2.3 For Field Archery:

- Barebow Division with equipment as specified in FITA Article 9.3.3 (see also Article 9.3.4 and 9.3.5);
- Recurve Division with equipment as specified in FITA Article 9.3.1 (see also Article 9.3.4);
- Compound Division with equipment as specified in FITA Article 9.3.2 (see also Article 9.3.4).

#### 1.3.2.4 For Ski Archery:

- OPEN Division with equipment as specified in FITA Article 10.5;

### ***1.4 Sport Classes***

#### 1.4.1 IPC recognises the following sport classes:

##### 1.4.1.1 For Recurve division

- Women: ARW1 (*with sub-class ARW1-C*) - ARW2 - ARST (*with sub-class ARST-C*);
- Men: ARW1 (*with sub-class ARW1-C*) - ARW2 - ARST (*with sub-class ARST-C*).

N.B. For specific rules relating to the use of wheelchairs and ordinary chairs, see classification rules 2.7.2.1 and 2.7.2.2.



#### 1.4.1.2 For Compound division

- Women OPEN
- Women ARW1
- Men OPEN
- Men ARW1

#### 1.4.1.3 For Visually Impaired Division

- Women Individual – VI
- Men Individual – VI

### **1.5 Rounds**

#### 1.5.1 OUTDOOR TARGET ROUNDS

1.5.1.1 IPC Outdoor Target Rounds may be shot by both the Recurve and Compound Division in separate divisions.

1.5.1.2 The FITA Outdoor Target Round, consisting of 36 arrows from each of the following distances in this order:  
70, 60, 50, 30 meters for Women and ARW1 Men (Compound and Recurve) sport class;  
90, 70, 50, 30 meters for ARW2, ARST and Open Compound Men sport classes;  
or in the order 30, 50, 60, 70 meters for Women and ARW1 Men (Compound and Recurve) sport class; 30, 50, 70, 90 meters for ARW2, ARST and OPEN Compound Men sport classes.

1.5.1.3.1 The Double FITA Outdoor Target Round, consisting of two (2) FITA Outdoor Target Rounds shot consecutively.

1.5.1.4 The Olympic Round, in which women and men shoot separately, consisting of:

- The Elimination Round, in which the top sixty-four (64) competitors in each sport class are seeded according to their position in the Qualification Round (see Olympic Round Individual Seeding Diagram, FITA Rules -



Appendix 8 ). Athletes shoot a series of matches in groups, each match consisting of two (2) ends of six (6) arrows shot in four (4) minutes or four (4) ends of three (3) arrows shot in two minutes at 70 meters on 122cm target faces;

- The Final Round, in which the top eight (8) competitors in each sport class remaining from the Elimination Round shoot a series of individual matches, each match consisting of four (4) ends of three (3) arrows at 70 meters on 122cm target faces, culminating in the Gold Medal match. The competitors shall alternate shooting one (1) arrow at a time, 30 seconds per arrow;
- The Team Elimination Round, in which the top sixteen (16) teams of three (3) competitors (16 women's teams and 16 men's teams) seeded according to their positions as determined by their total score in the Qualification Round (see Olympic Round Team Seeding Diagram), shoot simultaneously a series of matches, each match consisting of four (4) ends of six (6) arrows shot in two (2) minutes at 70 meters on 122cm target faces;
- The Team Final Round, in which the top four (4) teams of women and the top four (4) teams of men remaining from the Elimination Round shoot a series of individual matches, each match consisting of four (4) ends of six (6) arrows shot in two (2) minutes at 70 meters on 122cm target faces, culminating in the Team Gold Medal match.

1.5.1.6 The FITA 70 Meter Round, consisting of 72 arrows shot at 70 meters on the 122cm target face.

1.5.1.7 The Half FITA Round, consisting of eighteen (18) arrows shot from each of the distances of the FITA Outdoor Target Round.

1.5.1.8 The FITA 900 Round, consisting of thirty (30) arrows from each of the following distances on the 122cm target face: - 60, 50, 40 meters for all Sport classes.

1.5.1.9 The FITA Standard Round (also known as Short Metric), consisting of thirty-six (36) arrows at 50 meters and thirty-



six (36) arrows at 30 meters shot outdoors in ends of three (3) arrows on ten-zone 122cm diameter faces at both distances.

- 1.5.1.10 The Visually Impaired International Round consisting of 144 arrows at 30 metres, the first 36 arrows shot on a 60 cm face, the next 36 arrows on an 80 cm face, the next 36 arrows on an 80 cm face and the last 36 arrows on a 122cm face.
- 1.5.1.11 The Facilitated Round (reserved to sport sub-classes ARW1-C and ARST-C), consisting of thirty-six (36) arrows on ten-zone 80cm diameter faces at 25 meters and thirty-six (36) arrows on ten-zone 60cm diameter faces at 18 meters shot outdoors in ends of three (3) arrows.
- 1.5.1.12 The Facilitated Double Round (reserved to sport sub-classes ARW1-C and ARST-C), consisting of 2 x thirty-six (36) arrows on ten-zone 80cm diameter faces at 25 meters and 2 x thirty-six (36) arrows on ten-zone 60cm diameter faces at 18 meters shot outdoors in ends of three (3) arrows.
- 1.5.2 INDOOR TARGET ROUNDS
  - 1.5.2.1.1 IPC Indoor Target Rounds may be shot by both the Recurve and Compound Divisions in separate Divisions.
  - 1.5.2.2 The 25 meter FITA Indoor Round, consists of 60 arrows on 60 cm diameter faces for all sport classes.
  - 1.5.2.3 The 18 meter FITA Indoor Round, consists of 60 arrows on 40 cm diameter faces or triple faces, for all sport classes.
  - 1.5.2.4 The Combined FITA Indoor Round, consists of the above two Rounds shot in succession in that order.





1.5.2.5 The Indoor Olympic Round, shot entirely on the 40cm diameter triple faces, consists of:

- The Elimination Round in which the top 32 competitors in each sport class are seeded according to their position in the Qualification Round (see Indoor Olympic Round Individual Seeding Diagram). They shoot a series of matches, each match consisting of four (4) ends of three (3) arrows shot in two (2) minutes at 18 meters;
- The Final Round, in which the top 8 competitors in each sport class remaining from the Elimination Round shoot a series of individual matches, each match consisting of four (4) ends of three (3) arrows shot at 18 meters, culminating in the Gold Medal match; the competitors shall alternate shooting one arrow at a time, 40 seconds per arrow;
- The Team Elimination Round in which the top 16 teams of three (3) competitors (16 women's teams and top 16 men's teams) seeded according to their positions as determined by their total scores in the Qualification Round (see Olympic Round Team Seeding Diagram), shoot simultaneously a series of matches, each match consisting of four (4) ends of six (6) arrows shot in two (2) minutes at 18 meters;
- The Team Finals Round, in which the top four (4) teams of women and the top four (4) teams of men remaining from the Elimination Round shoot a series of individual matches, each match consisting of four (4) ends of six (6) arrows shot in two (2) minutes at 18 meters, culminating in the Team Gold Medal match.

1.5.2.4.1 The Duel Match Round shot entirely on the 40cm diameter vertical triple faces. (See FITA Chapter 11.2)

1.5.2.5 *The 25 meter Facilitated Indoor Round, consists of 60 arrows on 80 cm diameter faces, reserved to sport sub-classes ARW1-C and ARST-C.*

1.5.2.8.1 *The 18 meter Facilitated Indoor Round, consists of 60 arrows on 60 cm diameter faces, reserved to sport sub-classes ARW1-C and ARST-C.*



1.5.2.9 *The Combined Facilitated Indoor Round, consists of the above two Rounds shot in succession in that order.*

1.5.3. SPECIAL PROVISIONS FOR TEAM ROUNDS

In all team rounds, all archers in the team may remain on the shooting line. When an archer has finished shooting, he/she will raise his/her arm to signal that he/she has finished shooting. The next archer may not load an arrow on his/her bow until after the signal is given. In the case of an archer who is unable to raise an arm by reason of his/her disability, he/she will arrange an appropriate signal with the line judge.

## **1.6 Competitions**

1.6.1 An Archery competitive activity , for which a separate list of results and separate set of prizes and/or titles can be given for each event, is called an competition.

1.6.2 In the Recurve Division sport classes ARW2 and ARST are grouped together for the Open Recurve Team Event. When shooting at the same distances, ARW1 Recurve archers can also compete in the Open Recurve Team Event, otherwise there will be a separate ARW1 Team Event. In the Compound Division ARW1 Compound archers and Open Compound archers can be grouped together for the Team Event unless ARW1 archers are shooting at different distances when there can be a separate ARW1 Compound Team Event.

1.6.3 In the Indoor Rounds ARW2 and ARST sport classes are grouped together into an Open sport class for the individual events as well.

1.6.4 A tournament is an organised competition consisting of one or more events. Where tournaments consist of events belonging to more than one discipline, as specified above, the program will follow the order in which the disciplines are listed therein.



- 1.6.5 No athlete, other than a member of a National Paralympic Committee in good standing, may compete in tournaments sanctioned by the IPC.

## **1.7 Events**

- 1.7.1 For the Recurve Division:

- Men's Individual Recurve – ARW1
- Men's Individual Recurve – ARW2
- Men's Individual Recurve – ARST
- Women's Individual Recurve – ARST
- Women's Individual Recurve – ARW2
- Women's Individual Recurve – ARST
- *Men's Individual Recurve – ARW1-C*
- *Men's Individual Recurve – ARST-C*
- *Women's Individual Recurve – ARW1-C*
- *Women's Individual Recurve – ARST-C*
- Men's Team Recurve – ARW1
- Men's Team Recurve – Open
- Women's Team Recurve – Open

- 1.7.2 For the Compound Division:

- Men's Individual Compound – Open
- Men's Individual Compound – ARW1
- Women's Individual Compound – Open
- Women's Individual Compound – ARW1
- Men's Team Compound – Open
- Men's Team Compound – ARW1
- Women's Team Compound – Open

- 1.7.3 For the Visually Impaired Division:

- Men Individual- VI
- Women Individual- VI



## ***1.8 IPC Competition Format***

1.8.1 Only tournaments consisting of one or more of the following events, as described in detail in the relevant Article on the archery shooting rules, can obtain official recognition by IPC.

1.8.2 In the discipline of **Outdoor Target Archery**: - for both Recurve and Compound Divisions for Women's and Men's sport classes the competition formats that may be applied are as follows:

The FITA Outdoor Target Round  
The FITA Outdoor Target Round for Teams  
The Double FITA Outdoor Target Round  
The Double FITA Outdoor Target Round for Teams  
The FITA 70 Meters Round  
The FITA 70 Meters Round for Teams  
The Olympic Round  
The Olympic Team Round  
The FITA Standard Round (Short Metric)  
The FITA Standard Round (Short Metric) for Teams  
The VI International Round  
*The Facilitated Round*  
*The Facilitated Round for Teams*  
*The Double Facilitated Round*  
*The Double Facilitated Round for Teams*

In the discipline of **Indoor Target Archery**:- for both Recurve and Compound Divisions for Women's and Men's sport classes the competition formats that may be applied are as follows:

The 25 meter FITA Indoor Round.  
The 18 meter FITA Indoor Round.  
The Combined FITA Indoor Round.  
The Indoor Olympic Round.  
The Indoor Olympic Team Round.  
*The 25-meter facilitated Indoor Round.*  
*The 18-meter facilitated Indoor Round.*  
*The Combined facilitated Indoor Round.*



In the discipline of **Field Archery**: - for the Barebow, Recurve and Compound Divisions for Women and Men's sport classes the competition formats that may be applied:

FITA Field Round;

## ***1.9 Competition Types***

### **1.9.1 Procedure**

1.9.1.1 The IPC awards sanctioning to and approves the following types of tournament in consultation with the IPC Archery Technical Committee.

- Paralympic Games
- World Championships
- Regional Championships
- Regional Games
- Invitational Tournaments

Competition sanctioning is awarded for the following purposes

- To determine World titles (e.g. World Championships);
- To Determine Regional titles (e.g. Regional Championships);
- To determine World Records and Rankings;
- To designate the inclusion of a tournament in the official calendar of major international Archery competitions;
- To provide qualification opportunities for major competitions (e.g. the Paralympic Games).

1.9.1.2 The organisation of competitions sanctioned and approved by the IPC is outlined in the IPC bid application guidelines.

1.9.1.3 In order for competitions organised or governed by FITA (eg FITA Star events) to obtain official recognition by the IPC Archery, tournaments must conform to the following standards of organisation:

- Registration with the IPC Archery Technical Committee as explained in the Technical Regulations 3.4



## 1.9.2 Types of Competitions

### 1.9.2.1 IPC COMPETITIONS

#### 1.9.2.1.1 IPC Competitions for Archery include:

- Paralympic Games
- IPC Archery (Outdoor) World Championships
- IPC Archery (Outdoor) Regional Championships
- Regional Games
- Invitational Tournaments (International tournaments with more than four (4) countries involved)

1.9.2.1.3 Sanctioned competitions are published regularly in the International Sports Calendar for the Disabled as published by the IPC

### 1.9.2.2 IPC RECOGNISED COMPETITIONS

1.9.2.2.1 Recognised Competitions are recognized by the IPC Archery Technical Committee and are included in the International Sports Calendar for the Disabled as published by the IPC.

1.9.2.2.2 These competitions can be used for World records and Ranking according to the relative application, checklist and approval fee.

1.9.2.2.3 Every year each country can request of IPC Archery official recognition as an IPC Recognised Competition, with no Approval fee charge, of one (1) Outdoor Target, one (1) Indoor Target and one (1) Field National Championships.

1.9.2.3.4.1 IPC athletes competing in FITA Tournaments, in order to comply with IPC rules, must only use equipment allowed as specified in the Classification Rules Section.

1.9.2.3.4.2 Scores obtained at FITA Competitions complying with FITA Articles 5.3, 5.4 and 6.7 (FITA Star) will also be valid for inclusion on the Ranking List, always provided



that the archers gaining the score have complied with IPC Archery technical rules.

### ***1.10 World and Regional Records and Awards***

1.10.1 A new world and/or regional record shall be established when a score is at least one point higher than an existing record.

1.10.2 For Outdoor Target Archery, for women and men, for each sport class in the Recurve and Compound Divisions:

- Individual FITA Round (144 arrows)
- Individual Double FITA Round (288 arrows)
- Individual 90 meters (36 arrows - W2 men and ST men)
- Individual 70 meters (36 arrows)
- Individual 60 meters (36 arrows - women and W1 men)
- Individual 50 meters (36 arrows)
- Individual 30 meters (36 arrows)
- Team FITA Round (3 x 144 arrows)
- Individual 70 meters Round (72 arrows)
- Individual Olympic Round match (12 arrows)
- Individual Olympic Round Finals total (3 x 12 arrows)
- Team 70 meters Round (3 x 72 arrows)
- Olympic Round Team Match (24 arrows)
- Olympic Round Team Finals total (2 x 24 arrows)

1.10.2.1 *For sport sub-classes ARW1-C and ARST-C*

- *Individual 25 meters (36 arrows)*
- *Individual 18 meters (36 arrows)*
- *Individual Facilitated Round (72 arrows)*
- *Individual Double Facilitated Round (144 arrows)*
- *Team Facilitated Round (3 x 72 arrows)*
- *Team Double Facilitated Round (3 x 144 arrows)*

1.10.3 For Indoor Target Archery, for women and men, for each sport class and sport sub-classes in the Recurve and Compound Divisions:

- Individual 18 meters (60 arrows)



- Individual Indoor Olympic Round match (12 arrows)
- Individual Olympic Round Final total (36 arrows)
- Individual 25 meters (60 arrows)
- Indoor Olympic Round Team match (24 arrows)
- Indoor Olympic Round Team match total (2 x 24 arrows)

1.10.4 Records shall be subject to confirmation by the IPC Archery Technical Committee.

1.10.5 Scores made at World Championships and Paralympic Games shall be submitted to the IPC Archery Technical Committee.

1.10.6 Scores made at other tournaments shall be sent to the IPC Archery Technical Committee no later than 30 days after the tournament in question by the Member Nation to which the athlete belongs, together with tournament results list and a declaration covering:

- The name and description, place and date of the tournament;
- Confirmation that the tournament was shot under the IPC Rules;
- Confirmation that a competitor, in respect of whose score records are being claimed, was a member of a Member Nation at the time;
- Name, nationality, gender and classification of the competitor;
- Details of the record claimed, and supported by the results summary and original scorecard or a properly witnessed copy thereof.

1.10.7 Details of new records shall be circulated by the IPC Archery Technical Committee to all Member Associations.

1.10.8 At World Championships, medals for first, second and third places will be awarded for both the FITA round and the Olympic round. The title of World Champion will only be given when there are at least 6 entries in an individual sport class or 4 entries in a team sport class. Where there are less than 6 entries in a sport class, the number of medals given should be – 1 or 2 entries gold medal, 3





entries gold and silver, 4 or more entries gold, silver and bronze.

### ***1.11 World Ranking List***

- 1.11.1 IPC Archery will keep annual Ranking based on the results of World Championships, Regional Championships, Paralympic Games, sanctioned and approved competitions occurring in the last 12 months.
- 1.11.2 Each NPC must send no later than 30 days after the end of the year a complete Ranking List application of its archers with name, gender, division, classification, score, tournament name, place and date for each athlete and the relevant results list when needed (only for IPC approved events and FITA Star tournaments).
- 1.11.3 The IPC Archery World Ranking List can be used to define entries in Championships and Paralympic Games.

### ***1.12 Venues***

- 1.12.1 The competition, training and warm-up venues will have all necessary equipment and suitable access conditions for wheelchair users as defined by IPC.
- 1.12.2 Wheelchair archers must be able to go by themselves from the gate door to the waiting and the shooting lines.
- 1.12.3 Two or three archers will be placed on each target at IPC Competitions. Wheelchair or other seated archers may stay on the shooting line at all times.
- 1.12.4 The ground should be laid out as described in FITA Rules with the exception that at least 1.30 m. per archer must be allowed. Therefore lanes must be 2.60 m. (or 3.90 m.) for individual events and 3.90 m. for Team events at all IPC Competitions.



## **1.13 Competition Officials and Control Bodies**

The competitions are controlled by:

### 1.13.1 Technical delegate

#### 1.13.1.1 Functions:

- To supervise the competition organisation following the requirements agreed in previous meetings.
- To attend the site visits held before and technical meetings during the competition.
- To check that the competition venues meet the established requirements.
- To check that the competition equipment used during the events is officially authorised.
- To approve the composition of the Committees of Appeal, as well as its presidency.
- Control the entries and have the right to reject them for technical reasons;
- When required, to be present at the Referees Appointment Committee.
- When required, to be present at the draws and to approve the competition programme.
- To supervise the results and authorise the World and Paralympic Records set in each event.
- To give advice to the chief referees with reference to any technical matters

### 1.13.2 Judges

1.13.2.1 The competition will be controlled by 3 FITA judges, or more if necessary, of international category . The other judges will be of regional or national level.

### 1.13.3 Appeals Committee

1.13.3.1 The Appeals Committee will be composed of:

- The IPC technical delegate
- The archery competition manager of the Organising Committee



- A member of the IPC Archery Technical Committee or, if none is present, a representative of the Organising Committee

1.13.3.2 Its function is to decide on technical appeals submitted in accordance with FITA & IPC rules.

### ***1.14 Rules for Visually Impaired Archers***

All archers who have a current international sport class (i.e. B1-B3) may take part. There will be one sport class for men and one for women.

All archers will wear blindfolds and will, therefore, shoot with a tactile sight.

Archers may shoot either recurve or compound bows within the same sport class, the latter being shot with either fingers or a release aid.

The rounds to be shot outdoors will be either the VI International round (with all arrows being shot at 30 metres, 36 on a 60cm face, 36 on a 80 cm face, 36 on an 80 cm face and 36 on a 122 cm face) or the VI Ranking round (with all arrows being shot at 30 metres, 72 arrows on an 80 cm face). Head to heads will be shot on the 80 cm face. Indoors, the round will be 60 arrows at 18 metres on a 60 cm face with the head to heads being shot on a 60cm face.

#### **1.14.2 Spotting**

A VI archer shall be permitted to have a person acting as a spotter. A spotter is a person designated to assist a visually impaired archer.

The spotter can assist the VI archer to set up the sighting aid by adjusting it in any way, before and up to the whistle/buzzer, which denotes the start of scoring arrows.

The spotter will be responsible for checking and informing the VI archer of safety issues.

The spotter must stand on the spotter's line which is situated 1 metre behind the shooting line.

Once the scoring arrows have begun; the spotter may only relate the strike of each arrow on the boss. No other information, (except safety warnings) may be



given. This must be done in a quiet manner so as not to disturb fellow archers on the shooting line.

When the archer has a hearing impairment, the spotter may step forward to a closer proximity to the archer so that they can relate the strike of the arrow. The spotter must then immediately move back to the spotter's line, until the strike of the next arrow, and so on.

The spotter must not coach or give any advice on shooting, whilst the archer is on the shooting line, except during practise, and between scoring ends. There will be no conversation between the archer and their spotter whilst they are between the waiting and shooting line. Breach of this rule could result in the archer being disqualified.

The archer must adjust their own sighting devices during scoring ends. Spotters may only adjust the sighting devices between scoring ends. When the archer has completed their scoring end, the spotter, with or without the archer, must stand behind the waiting line.

If the archer wishes to remain on the shooting line, he/she must pass their bow to the spotter. This will demonstrate to the judge/official that the archer has completed his/her end of arrows.

To avoid congestion on the spotter's or shooting line, only the judges, allocated officials, VI archers and their dedicated spotters will be allowed in front of the waiting line at any time during the competition arrows. The archer and their spotter must be recognizable as partners. The archer's target number will be made available and be worn by both the archer and their spotter.



## Chapter 2 – Classification Rules

### 2.1 Archery Sport Classes

Archery will be comprised of the following classes

ARW1 (with sport sub-class ARW1-C)

ARW2

ARST (with sport sub-class ARST-C)

The sport sub-classes are only in place to allow development of archers at a National Level and will not be used in International Events.

### 2.2 Functional Classification System

This classification system uses disability profiles and a numerical calculation of locomotor ability as guidelines.

### 2.3 Locomotor Disabilities

2.3.1 All locomotor abilities are tested by the:  
Assessment of points for muscle strength testing and/or  
Assessment of points for dysfunction (co-ordination)  
testing and/or  
Assessment of points for joint mobility.

2.3.2 '360' points have been allocated to an able-bodied archer.

Body segment	
Arms	180
Trunk	60
Legs	120
Total	360

2.3.3 The minimal handicap to be eligible to compete is either  
a loss of 25 points in the arms,  
or a loss of 20 points in the trunk,  
or a loss of 15 points in the lower limbs,



or a loss of 25 points in total.

- 2.3.4 Observation of the archer shooting follows and updates the points calculation assessments. This will demonstrate the functional abilities applied in the shooting.

## ***2.4 Classification Procedure***

- 2.4.1 Each classification team shall consist of at least three authorized classifiers, at least one of them having a medical background [e.g. physiotherapist or doctor.]
- 2.4.2 Complete personal details must appear on the Classification Report.
- 2.4.3 Testing is to be done on a horizontal medical testing bench.
- 2.4.4 Perform the Bench Test: selecting the appropriate test(s) from the following :-  
Assessment of points for muscle testing and/or  
Assessment of points for dysfunction (co-ordination) testing and/or  
Assessment of points for joint mobility  
Type of amputations to loss of functional ability
- 2.4.5 For the archer who has multiple disabilities the tester assesses which of the disabilities (muscle strengths, coordination, range of movement) is functionally more severe and then test accordingly.
- 2.4.6 Make a note of the assistive devices, providing they are allowed within the rules.
- 2.4.7 Perform the shooting test and if necessary update the point assessment.
- 2.4.8 Note: it is more important to complete the shooting test when the shoulder function is affected.



## ***2.5 Assessment of Points***

### **2.5.1 Muscle strength testing**

0 - Total lack of voluntary contraction

1 - Trace, faint contraction without any movement

2 - Poor, contraction with very weak movement when gravity is eliminated

3 - Fair, contraction with movement against gravity

4 - Good, contraction against gravity and some resistance

5 - Normal, contraction of normal strength against full resistance

### **2.5.2 Dysfunction (co-ordination, spasticity, athetosis, ataxias) testing**

0 - No functional movement at all

1 - Very minimally co-ordinated movements and/or very severely restricted range of movement due to severe hypertonic muscle stiffness

2 - The sequence of movement is very difficult and can only be carried out very slowly and uncoordinated and/or not more than 25% range of movement during fast repetition and/or severely restricted range of movement with severe spasticity - hypertonic muscle stiffness present

3 - The movements can only be carried out slowly but roughly without faults and/or no more than 50% range of motion by fast repetition and/or moderate range of movement with moderate spasticity with tone restricting movement and/or moderate co-ordination problems



4 - The movements are slightly uncoordinated and/or no more than 75% range of motion by fast repetition and/or slight increase in muscle tone

5 - Normal

2.5.2.1 Archers with spasticity, ataxia and/or athetosis will be tested with an active tempo-motion test.[rapid repetitive movements ]

2.5.2.2 Associated reactions of upper and lower limbs have to be watched carefully during a shooting test.

2.5.2.3 Reactions and co-ordinating effect of the antagonistic muscle must be taken into consideration for upper limbs and the upper trunk.

2.5.2.4 Testing should be repeated with the neck turned into the shooting position, in order to note influence of the postural reflexes.

2.5.2.5 Evaluation of the trunk co-ordination must be done mainly in the shooting test, considering that some incorrect positions or movements are caused by the technical level reached by the athlete and/or by incorrect shooting equipment or assistive devices used and not by functional disabilities.

2.5.3 Range of Movement testing

0 - No range of movement

1 - Minimal range of movement

2 - 1/4 movement

3 - 1/2 movement

4 - 3/4 movement

5 - Full range of movement





## **2.6 Sport Class Profiles**

### 2.6.1 ARW1

Defined as a tetraplegic archer in a wheelchair or comparable disability.

#### 2.6.1.1 Practical Profile:

Arms: Limitations in functional range of movement, muscle strength or Coordination.

plus

Trunk: poor or non-existent muscle control and/or static balance, while the bow is raised in the shooting position

and /or

Lower limbs: usually considered non-functional due to amputation, limitation in range of movement, strength and/or control ( this means minimal ability to walk over long distances)

#### 2.6.1.2 Disability Profile:

Tetraplegia

Quadriplegia, Triplegia or severe Diplegia with limitation in control of upper extremities or upper extremity spasticity (spasticity grade scale for muscle tone 2-4) / ( this could mean limitation of draw weight due to shoulder and string arm elbow function or limitation of function of both hands, not including the wrist).

Double amputation below the knee associated with hip fusion or double above the knee amputation with short stumps (i.e. proximal 1/3). Both of these conditions must also be associated with amputations in both arms or



limitations in functional range of movement, strength or control of arms.

2.6.1.3 Minimum disability in each arm of

5 points associated with minimum disability of 15 points in the trunk

or 5 points in each arm and 35 points in the legs

or 5 points in each arm, 8 points in the trunk and 20 points in the legs [examples below ].

Left arm	Right arm	trunk	legs
5	5	15	////////////////////
5	5	////////////////////	35
5	5	8	20

2.6.2 ARW1-C

Within ARW1, archers with a greater handicap could be allocated to a sport sub-class ARW1-C and be allowed to compete in facilitated rounds at National or Development Level Competitions.

2.6.2.1 Minimum disability in each arm: 20 points associated with minimum disability of 15 points in the trunk or of 35 points in lower limbs or of 8 points in the trunk and 20 points in lower limbs [examples below ]

Left arm	Right arm	trunk	legs
20	20	15	////////////////////
20	20	////////////////////	35
20	20	8	20



### 2.6.3 ARW2

Defined as paraplegic archer in a wheelchair or comparable disability.

#### 2.6.3.1 Practical Profile:

- Arms: no limitations in functional range of movement, strength or control
- Trunk: from good to very poor or even non-existing control and static balance, with the bow raised in the shooting position
- Lower Limbs: considered non-functional due to amputation, limitation in range of movement, strength and/or control (minimal ability to walk over long distances)

#### 2.6.3.2 Disability Profile:

- Paraplegia severe diplegia without limitation in control of upper extremities varying degrees of impairment in trunk balance
- Moderate to severe spasticity in lower extremities (Spasticity grade scale 3 or more),
- Double amputation below knee in exceptional circumstances and when approved by an International classifier.

### 2.6.4 ARST

Defined as standing archers or those shooting from a chair /stool

#### 4.6.4.1 Practical Profile: lower limbs are functional for ambulation over longer distances.



4.6.4.2 They are required to reach minimum handicap in functional evaluation.

Minimum disability with a loss of 15 points in two legs [with a minimum loss of 10 points in one leg ]

or loss of 25 points in total

or 7cms shortening in one leg.

2.6.5 ARST-C

Within ARST archers with severe disabilities of upper extremities may be allocated to a sport sub- class ARST-C and allowed to compete in facilitated rounds at National or Development Level Competitions.

2.6.5.1 Minimum disability in each arm: 20 points or 40 points in the string arm.

## ***2.7 Sports Equipment and Assistive Devices***

2.7.1 Personal equipment must comply with FITA Rules.

2.7.2 Some assistive devices are allowed, if authorised by an official IPC Archery Classifier. Classifiers must complete the assistive device section on the classification form noting the approved equipment.

All non-standard equipment must be declared to the Classification panel and be included on the Classification Form.

- Wooden block for foot
- Stool / chair
- prosthesis



### 2.7.2.1 Wheelchair

- A wheelchair can be used with a minimum disability with the loss of 50 points in lower limbs and/or trunk.
- A wheelchair of any type may be used, provided it subscribes to the accepted principle and meaning of the word wheelchair.
- No part of the wheelchair may support the bow arm whilst shooting. The bow may not come into contact with the wheelchair when releasing the arrow.
- For ARW2 archers, no part of the chair back or its vertical support may protrude in front of the half of the trunk. The highest point of the chair must be at least 110 mm below the armpit while shooting at any distance.  
Feet and footplates must not touch the ground. The wheelchair must not exceed the shooting space on the line, allowed by FITA

### 2.7.2.2 Chair/Stool

- A chair/stool may be used with a minimum disability of 38 points in the lower limbs and/or trunk.
- A chair /stool of any type may be used, provided it subscribes to the accepted principal and to the meaning of the word.
- No part of the chair may support the bow arm whilst shooting. The bow may not come into contact with the chair when releasing the arrow.
- No part of the chair may be in contact with the trunk [this means you cannot lean against the back ] of the archer and the chair must be at least 220 mm. under the archer's armpit whilst shooting (at any distance).
- The area of contact with the ground framed by the legs of the chair and the feet of the archer (i.e. the maximum area that is taken up) must not exceed 60cm wide x 80cm along the shooting line.

### 2.7.2.3 Permitted Body Support

- Can only be used when authorised by an official IPC Archery Classifier



- It can be used when the standing balance (static and dynamic) is poor.
- a body support or strapping system may be used by individuals with a disability at T-5 or higher [abdominals].

The protrusion, forward from the front of the main vertical support of the chair back may be no longer than 100 mm, with an inward radius of no less than 230 mm and shall be no less than 110 mm. below the armpit.

- Only ARW1 archers are allowed to use simultaneous protrusion and strapping. They may use any wheelchair and amount of body support/strapping to maintain body stability as long as no support is given to the bow arm whilst shooting.
- The maximum distance forward of any protrusion from the front of the main vertical support of the chair can be 100mm long, the inward radius [curve towards the body] must not be less than 230mm.
- The support must be at least 110mm below the armpit

#### 2.7.2.4 Release aid

Archers with disabilities in the fingers of both hands are allowed, when authorised by an official IPC Archery Classifier, to use a mechanical release aid.

#### 2.7.2.5 Compound bow

- Archers belonging to sport class ARW1 with upper limbs disabilities may choose to use a compound bow but only with equipment authorised by FITA for the Recurve Bow Division. This means no peep sights and no optic lenses. In addition, there will be a draw weight limit on the bows of 45 pounds for men and 35 pounds for women.
- ARW1 archers may compete in the Open Sport class of Compound Division with full Compound equipment as described in the FITA Handbook



- 2.7.2.6 Bow bandaged  
Archers with bow arm disability may use the bow either tied or bandaged to the hand when authorised by an official IPC Archery Classifier.
- 2.7.2.7 Bow arm splint  
Archers with bow arm disability may use an elbow or wrist splint when authorised by an official IPC Archery Classifier.  
Release aids that include wrist support should be declared to the classifiers to be noted on their card.
- 2.7.2.8 String arm wrist splint  
Archers with bow arm disability may use a wrist splint when authorised by an official IPC Archery Classifier.
- 2.7.2.9 Assistant  
ARW1 and ARST-C archers unable to nock arrows may have a person to load their arrows into the bow. Such a person must not adjust the bow sight until the end of the shooting signal. Such a person must not be a disturbance to other archers and must wear the same number as the archer.

## ***2.8 Use of Classification Cards***

- 2.8.1.1 At the end of the archer's examination, he/she will be provided with a classification card.
- 2.8.1 The archer must take the classification card with him/her to competitions in order to show it, if requested, by IPC Technical Delegates or FITA Judges (also in FITA tournaments) during competitions.
- 2.8.3 IPC Athletes must compete only with authorized equipment in FITA tournaments as well.



## Chapter 3 - Technical Regulations

### ***3.1 Paralympic Games***

- 3.1.1 Organization and Conduct of Paralympic Games will be done under the direct control of IPC, IPC Archery and FITA.
- 3.1.2 Recurve and Compound Divisions may compete.
- 3.1.3 Shooting rules are described in the FITA and IPC Archery Rule Books.
- 3.1.4 Qualification criteria, rules and special exceptions will be published by IPC Archery for every edition of the Games.

### ***3.2 Championships***

- 3.2.1 World Championships

IPC Archery arranges for the organization of the following World Championships:
- 3.2.1.1 Outdoor Target World Championship: Recurve and Compound Divisions;
- 3.2.1.2 Indoor Target World Championship: Recurve and Compound Divisions;
- 3.2.2 Regional Championships
- 3.2.2.1 IPC Archery recognizes the following zones:
  - Europe,
  - Africa
  - the Americas
  - Asia and Oceania





3.2.2.2 An NPC may belong to only one region. If its territory is situated in more than one region or in a border area, it may choose. If such NPC chooses to be listed in another region, notice must be mailed to IPC Archery at least two (2) years before the Sport Forum at which this change will be announced and become effective.

3.2.2.3 Regional IPC Committees may arrange for the organization of the Regional Championships in the disciplines of Outdoor and Indoor Target Archery. These championships will be considered Sanctioned competitions; they will be included in the IPC Archery Calendar and will be valid for recognition of records and inclusion in the Ranking List.

### 3.2.3 DATES

IPC Archery Championships shall be held every two years as follows:

- World Championships in odd years;
- Regional Championships in even years.

### 3.2.4 ALLOCATION OF CHAMPIONSHIPS

3.2.4.1 The organization of IPC Archery Championships shall be assigned by IPC Governing Board (or Regional E.C.) to a nation NPC.

3.2.4.2 Application must be submitted in writing to IPC Headquarters (or Regional S.C.) and IPC Archery including compiled copies of the bidding packages.

3.2.4.3 IPC will establish a maximum limit for the entry fees to IPC Archery Championships.

3.2.4.4 The NPC entrusted with the organization of an IPC Archery Championship, hereafter called the Organizers, may appoint an Organizing Committee, but the NPC shall be directly responsible to IPC.

3.2.4.5 IPC Archery shall provide for registration of the Championship with FITA



3.2.4.6 Organisation of the Championship shall be according to the Contract made with IPC

### 3.2.5 CHAMPIONSHIP TOURNAMENTS

3.2.5.1 Outdoor Target Archery Championships shall be decided on a Qualification Round consisting of a single FITA Outdoor Target Round followed by an Olympic Round. The schedule shall depend on the number of competitors per class and division, and the space available.

3.2.5.1.1 The programmed events shall be:

#### Recurve Division

- ARW1 Individual Men
- ARW2 Individual Men
- Standing Individual Men
- ARW1 Individual Women \*
- ARW2 Individual Women \*
- Standing Individual Women
- ARW1 Team Men +
- ARW1 Team Women+
- Open Team Men
- Open Team Women

\*These two classes are usually combined as there are usually insufficient athletes in the ARW1 Individual Women's class for it to be viable.

+ These two events usually have insufficient teams entered to take place.

#### Compound Division

- Open Individual Men
- ARW1 Individual Men
- Open Individual Women \*
- ARW1 Individual Women \*
- Open Team Men
- ARW1 Team Men
- Open Team Women
- ARW1 Team Women



### Visually Impaired Division

- Individual Men
- Individual Women

3.2.5.2 Indoor Target Archery Championships shall be decided on a Qualification Round consisting of the 18m FITA Indoor Round followed by an Indoor Olympic Round. The schedule shall depend on the number of competitors per class and division, and the space available.

3.2.5.2.1 The programmed events shall be:

#### Recurve Division

- ARW1 Individual Men
- ARW1 Individual Women
- ARW2 Individual Men
- Standing Men
- ARW2 Individual Women
- Standing Women
- Open Team Men
- Open Team Women

#### Compound Division

- Open Individual Men
- ARW1 Individual Men
- Open Individual Women
- ARW1 Individual Women
- Open Team Men
- ARW1 Team Men
- Open Team Women
- ARW1 Team Women

#### Visually Impaired Division

- Individual men
- Individual Women



- 3.2.5.2.1 A Member Nation may enter up to four (4) competitors in each sports class and division at Outdoor competitions and up to three (3) competitors in each sports class at Indoor Competitions.

### ***3.3 Sanctioned Competitions***

- 3.3.1 NPCs may apply for sanction of competitions in writing to IPC Headquarters (or Regional S.C.) and IPC Archery including compiled copies of the application form. Sanctioned competitions will be included in the IPC Archery Calendar and will be valid for recognition of records and inclusion in the Ranking List.
- 3.3.2 The request must be sent no later than the 1st January of the year before the Competition will be held.
- 3.3.3 Sanction fees must be paid according to IPC rules.
- 3.3.4 There will be an additional fee of \$50 US assessed to a given competition by IPC Archery.
- 3.3.5 In order to obtain the status of Sanctioned Competition, the tournament must involve more than four (4) nations.
- 3.3.6 Technical Delegates will be appointed by IPC Archery.
- 3.3.7 The expenses of Judges, Technical Delegate and classifiers (if necessary) must be covered by the Organizing Nation.

### ***3.4 Recognized Competitions***

- 3.4.1 Member Nations may apply for approval of competitions in sending the approval form to IPC Archery no later than 6 months before the Competition will be held. Recognised competitions will be included in the IPC Archery Calendar and will be valid for recognition of records and inclusion in the Ranking List.



- 3.4.2 Approval fee is \$100 US and it must be paid to IPC through the IPC Archery chairman.
- 3.4.3 A Technical Delegate will be nominated by the Organizing Nation and approved by the IPC Archery Technical Committee. This Delegate must have been qualified with IPC training.
- 3.4.4 Competition must be approved and judged by the National Association of Archery (FITA Member).
- 3.4.5 Every year each Nation can request to IPC Archery official recognition as Recognised Event, with no charge of Approval fee, for one (1) Outdoor Target, one (1) Indoor Target and one (1) Field National Championships.

### ***3.5 Responsibilities of Organizing NPCs***

- 3.5.1 The Organizing Nation must submit within the limits the relevant form requesting recognition (bidding/assignment, sanction or approval).
- 3.5.2 Invitation with full information must be sent to all (or invited) NPCs and to IPC Archery no later than 3 months before the first day of competition.
- 3.5.3.1 Changes in the information requested in the relevant form must be announced at least thirty (30) days before the first day of competition.
- 3.5.4 Publication of results, communication to IPC Archery and T.D. report must be done no later than 15 days after the end of competition.
- 3.5.5 The competition must be run according to IPC and FITA rules.
- 3.5.6 Individual events must have at least 6 competitors.
- 3.5.7 Team events must have at least 4 competitors.
- 3.5.8 Combined classes can be arranged if needed.