

## **11.10      3DI – RULES (March 4, 2005)**

These 3DI Rules represent a joint venture of 3DI and FITA.  
The rules are based upon 3DI rules with the goal to make 3D more popular within FITA and to achieve a closer cooperation with 3DI.

### **11.10.1      GENERAL RULES**

#### **11.10.1.1      Scorecards and Scoring**

- 11.10.1.1.1 All score cards must be shuffled and no more than two members from the same team will be allowed to shoot together. Any special conditions will be handled by the Shoot Director (DOS) or range official.
- 11.10.1.1.2 Double scoring is required. Score cards will be collected at the completion of each course. All score cards must be legible, completed and signed to be accepted. When score cards are turned in to a range official, they may not be subsequently changed.  
Mistakes that are not in the shooter's favour will be recorded with the lower score. Inaccurate total that benefits the shooter's score will result in the elimination of that shooter's card.  
Anyone who alters without authorization, or falsifies a score, or knowingly has a score altered or falsified will be disqualified and shall be ineligible to compete in any 3DI sanctioned event for one year.
- 11.10.1.1.3 Shooters are responsible for their own scorecards. Duplicate cards will not be issued for any lost, damaged or stolen cards.
- 11.10.1.1.4 All score cards will be kept by the host organization for one (1) year.
- 11.10.1.1.5 To score, arrows must be stuck in the target. A witnessed pass through or a bounce out will be scored as agreed by the majority of the group, or re-shot if the group cannot agree before the shooters advance to the target. A pass through is defined as an arrow passing completely through a target, with target material 360 degrees around the arrow, leaving both an entrance and exit hole.
- 11.10.1.1.6 An arrow that is embedded into the nock end of an arrow that is embedded in the target will be scored the same as the embedded arrow.
- 11.10.1.1.7 Any arrow released accidentally or deliberately will be, if not in scoring area of target, scored as an O (miss). Any arrow, which is dropped and can be recovered while touching the peg may be re-nocked and re-shot.
- 11.10.1.1.8 For all sanctioned 3DI shooting events, the scoring shall be as follows:
  - X – Small circle centred within the ten rings. Approximately 25% of the ten rings will be used. Arrow must at least touch the circle. This score would reflect X-10 on the scorecard.
  - 10 – Circle inside vital area. Arrow must at least touch circle.
  - 8 – Vital area other than the 10 point circle. Arrow must at least touch the vital area line.
  - 5 – Remainder of the animal touching body colour.
  - 0 – A hit in the horn or hoof not touching body colour, any other miss, or glance off.

- 11.10.1.1.9 All scoring zones can be used unless otherwise noted at shooting peg.
- 11.10.1.1.10 Both scorekeepers will score the targets before the arrows are pulled. Early pulled arrows will score a zero. Repeated offence will result in the shooter being disqualified.
- 11.10.1.2 Range Completion**
- 11.10.1.2.1 Once a shooter begins shooting a course he/she must finish with his/her own group, or as assigned by a range official, except as described under rule article 11.10.1.7. Any shooter or group that leaves a range without the authorization of a range official will not be allowed to continue.
- 11.10.1.3 Shooting pegs:**
- 11.10.1.3.1 Blue: Men and Ladies Traditional Recurve, Men and Ladies Longbow, 30 meter maximum distance (33 yards).  
Red: (MC) male compound, (FC) female compound, 45 meter maximum distance (50 yards).
- 11.10.1.3.2 Pegs farthest from the target must be shot first, unless directed otherwise by a shoot official.
- 11.10.1.3.3 When shooting, the shooter must touch the peg with a portion of his/her body.
- 11.10.1.4 Allotted shooting time**
- 11.10.1.4.1 Two minutes for the first shooter in the group. This time will begin when the group in front of yours clears the target.  
Each following shooter in the group will have two minutes to shoot his or her arrow. This two minute time limit begins when the shooter before you in your group releases his or her arrow. A shooter found in violation of this rule will have five points deducted from his or her score.
- 11.10.1.4.2 Each group is responsible for the shooters within their group. If another group points out the time violation to your group, then it is your responsibility to speed up and stay within the allotted time. If another shooter makes a protest against you or your group, the entire group can have five points deducted from each shooters score.
- 11.10.1.4.3 In Individual competition, there will be one arrow (only) per shooter shot at each target.
- 11.10.1.4.4 In Team competition, a total of three (3) arrows will be shot at each target, one (1) arrow in each class.
- 11.10.1.5 Protests by Shooters**
- 11.10.1.5.1 A committee assigned by D.O.S will handle all protests.  
The committee can be made up of judges, range officials, and/or athletes.
- 11.10.1.6 Yardage Discussion**
- 11.10.1.6.1 There is to be **no** discussion of yardage until target has been scored. Discussion is restricted to shooters that have already shot said target.

Discussion of yardage with shooters that have not shot said target is considered un-sportsmanlike conduct (see article 11.10.1.11).

**11.10.1.7 Equipment Failure**

- 11.10.1.7.1 Equipment failures must be visible and agreed upon by the majority of the group. Upon agreement, the shooter must have his/her score cards initialled by the entire group as an equipment failure. The score cards of the shooter with the equipment failure will be totalled and initialled by the score keepers before leaving the range. At that time, the shooter (with the failure) only must proceed forward through the course to the range tent, and notify a range official.
- 11.10.1.7.2 If there are three or more shooters remaining in the group, they may continue shooting. If two or less shooters remain, they must join the following group (unless, by joining the following group it will make a group of 6 or more) or step aside and await a range official before continuing.
- 11.10.1.7.3 The range official will hold the individual's score cards until the repair is completed and he/she is escorted back onto the range. The range official will determine the amount of time necessary to make the needed repair. The allotted time will not be exceeded. A Range official must escort all persons re-entering the range to the designated target. Equipment may not be exchanged during a course except as pertaining to article 11.10.1.7.
- 11.10.1.7.4 Equipment may be re-checked as the individual returns to the range. Any shooter leaving the range without following the guidelines of rule 11.10.1.7 will be disqualified.

**11.10.1.8 Tournament Year**

- 11.10.1.8.1 The 3DI shoot calendar is defined from World Championship to World Championship.

**11.10.1.9 Alcohol or Intoxicating Substance**

- 11.10.1.9.1 No alcoholic beverages may be carried or consumed on any range or practice area by anyone during shooting hours. (Note: If in the opinion of a range official it is decided a shooter is under the influence of alcohol or any intoxicating substance, that range official can deny your participation in said 3DI competition). In addition to this FITA Anti-Doping Rules apply (see Appendix5 to Book1).

**11.10.1.10 Tie Scores**

- 11.10.1.10.1 Individual Competition  
In case of a tie in the individual competition, one (1) tiebreak arrow will be shot on a target decided by the Organising Committee. If still tied, one more arrow will be shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner. If only one shooter is present at the shoot-off, he/she will be declared the winner.
- 11.10.1.10.2 Team competition

In case of a tie for the ranking in the Team competition, the selection will be made with a shoot-off on a target decided by the Organising Committee, by shooting three (3) arrows, one (1) arrow by the best archer of each shooting class. If there is still a tie, three more arrows are shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.  
If only one team is present at the shoot-off, this team will be declared the winner.

**11.10.1.11 Un-sportsmanlike Conduct**

11.10.1.11.1 Un-sportsmanlike conduct will not be tolerated. Such conduct by an athlete or anyone deemed to be assisting an athlete will result in disqualification and may further result in suspension from sanctioned events for a period deemed appropriate by the governing body of said event.

**11.10.2 ATHLETES' EQUIPMENT**

This section lays down the type of equipment athletes are permitted to use when shooting in 3DI competitions. It is the athlete's responsibility to use equipment in accordance with the rules. If in doubt the athlete will show his or her equipment to the Judge(s) before using it in competition.

Any athlete found to be using equipment contravening 3DI Rules may have his scores disqualified

Described below are the general regulations that apply to all divisions followed by the special regulations that only apply to certain divisions.

**11.10.2.1 Bows:**

**11.10.2.1.1 Compound:**

A Compound Bow, (may be of a shoot-through type) is where the draw is mechanically varied by a system of pulleys and/or cams. The bow is braced for use by bowstring(s) attached directly between the two string nocks of the bow limbs, or attached to the bow cables, wheels or cams as may be applicable to the particular design.

The peak draw weight must not exceed 70 lb. for men, 60lb. for women.

Cable guards are permitted.

*Limb bolts:*

Once a shooter begins a course, their limb bolts may not be adjusted until after the equipment can be checked by range officials at the completion of that course.

**11.10.2.1.2 Traditional Recurve (barebow)**

A bow of any type provided it subscribes to the accepted principle and meaning of the bow used in target archery, e.g. an instrument consisting of a handle (grip), riser, (no shoot-through styles are permitted) and two flexible limbs each ending in a tip with a string nock. The bow is braced for use with a single string attached directly

between the two string nocks, and in operation it is held in one hand by its handle (grip) and while the fingers of the other hand, draw, hold back and release the string.

Multi-coloured risers, and trademarks located on the inside of the upper limb are permitted.

The bow as described above must be bare, except for the arrow rest and free from protrusions, sightmarks, marks or blemishes or laminated pieces (within the bow window area) which could be of use in aiming. The un-braced bow complete with permitted accessories must be capable of passing through a hole or ring of 12.2 cm. Inside diameter  $\pm$  0.5 cm.

The maximum bow weight for Traditional recurve and barebow will be 60 # at 28" draw. Measured to the front face of the shelf.

11.10.2.1.3 Longbow

The bow shall correspond to the traditional form of a longbow. It can be made from any material or combination of materials. The shape of the grip and limbs are not restricted.

When strung the string may not touch any other part of the bow but the string notches.

A bow at the shelf may be cut no closer than 1/8" to the centreline of the bow. In case a bow is cut within 1/8" of the centreline it may be re-qualified with the addition of a leather pad of a thickness that will bring the bow within the rule.

**11.10.2.2 Bow String:**

11.10.2.2.1 All Divisions:

A bow string of any number of strands. The string strands may be of different colours and of the material chosen for the purpose. The string may have a centre serving to accommodate the drawing fingers, a nocking point to which may be added serving(s) to fit the arrow nock as necessary, and to locate this point, one or two nock locators may be positioned, and at each end of the bowstring a loop to be placed in the string nocks of the bow when braced.

11.10.2.2.2 Traditional Recurve and Longbow Divisions:

The serving on the string must not end within the athlete's vision at full draw. The bow string must in no way offer aid in aiming through a peephole, marking, or any other means.

One attachment on the string to serve as a lip or nose mark is permitted in Traditional Recurve Bow.

One (only) nock locator may be used in Longbow classes, with no other devices or marks on the string.

11.10.2.2.3 Compound Division:

Attachments on the string are permitted to serve as a lip or nose mark, a peep-hold, 'hold-in-line' device, bowstring loop, etc.

There are no limitations to the centre serving for this division.

**11.10.2.3 Arrow Rest:**

11.10.2.3.1 Traditional Recurve

- An arrow rest, which can be adjustable, any moveable Pressure Button, Pressure Point or Arrow plate may all be used on the bow provided they are not electric or electronic and do not offer any additional aid in aiming.
- There will be no overdraw
- 11.10.2.3.2 Longbow  
The arrow shall be shot from the hand or from the shelf with no elevated rest. The shelf may be covered by any soft material to a thickness no greater than 1/8".  
No other types of rest will be allowed
- 11.10.2.3.3 Compound Division:  
The pressure point may be no further back than the throat of the handle.
- 11.10.2.4 Draw Check Device:**
- 11.10.2.4.1 Traditional Recurve and Longbow  
No draw check device may be used.
- 11.10.2.4.2 Compound:  
A draw check that is, audible or visual may be used, provided there is no electronic mechanism involved.
- 11.10.2.5 Bowsight:**
- 11.10.2.5.1 Traditional Recurve and Longbow  
No sight mark(s) or aiming help is allowed
- 11.10.2.5.2 Compound Division:  
Any type of movable sight, scope can be used.  
Multiple pins and/or circle pins may be used, as long as they are all the same size, and do not include any additional means of range finding.
- 11.10.2.6 Stabilizers and Torqueflight Compensators (TFC):**
- 11.10.2.6.1 Traditional Recurve and Longbow  
The bow as described above must be bare, except for the arrow rest, and free of protrusions, sightmarks, marks or blemishes or laminated pieces (within the sight window area) which could be of use in aiming. The un-braced bow complete with permitted accessories must be capable of passing through a hole or ring of 12.2cm inside diameter± 0.5cm.  
No stabilizers, no v-bar, or any other counter balance devices are allowed.
- 11.10.2.6.2 Compound Division:  
Stabilizers and Torque flight compensators on the bow are permitted, providing they do not:
- Extend more than 36in. for a stabilizer or 12in. for a v-bar or secondary stabilizer, from the nearest point of attachment to the bow;
  - Serve as a string guide;
  - Touch anything but the bow;
  - Represent any obstacle to other athletes as far as space at the shooting peg is concerned.

### **11.10.2.7**

#### **Arrows:**

#### **11.10.2.7.1**

##### **Traditional Recurve and Compound Divisions:**

Arrows of any type may be used provided they subscribe to the accepted meaning of the word arrow as used in target archery, and that such arrows do not cause undue damage to the 3D targets.

The maximum diameter of an arrow shaft will not exceed 9.3mm; the point of these arrows may have a maximum diameter of 9.4mm. An arrow consists of a shaft with a head (point), nock, fletching and, if desired, cresting. The arrows of each athlete will be marked on the shaft or fletching with the athlete's name or initials, and all arrows used at any one tournament will carry the same pattern and colour(s) of fletching, nocks and cresting.

##### *Minimum Arrow weights or requirements:*

5 grains per pound or 280 FPS (shooters choice)

Shooter's arrows must weigh at least 5 grains per pound of shooting weight. Shooting weight is defined as the peak draw weight (maximum draw weight or thrust weight, whichever is greater) that is obtained within the maximum draw cycle. Shooters will be allowed 5 grains for scale differences. Shooters at the maximum end of a weight allowed for a class will be allowed two pounds for scale variation, but arrow weight must follow bow weight. Equipment will be checked at random. The 5 grains per pound limit will not apply if the shooters bow and arrow combination generates less than 280 FPS of arrow speed. If the arrow speed is higher than 280 FPS the shooters equipment will be subject to the 5 grains per pound limitation. Shooters will be allowed a 3% grace for chronograph differential. When a shooter is asked to have his or her equipment checked they will be required to choose which way they would like it checked. One way or the other, not both.

##### *Please note:*

It is the shooter's responsibility to maintain their equipment within this rule.

##### *Further note:*

Check manufacturer's recommendation concerning arrow weight per pound of bow weight. It is recommended that you do not shoot an arrow weighing less than the minimum recommendation for your bow.

#### **11.10.2.7.2**

##### **Long bow division**

Only wooden shafts are allowed.

Only natural feathers as fletchings

Arrows shall be identical in length, weight, and colour, except for normal wear.

### **11.10.2.8**

#### **Finger and Hand Protection:**

#### **11.10.2.8.1**

##### **All Divisions:**

The following equipment is permitted:

- Finger protection in the form of finger stalls or tips, gloves, or shooting tab or tape (plaster) to draw, hold back and release the string is permitted.
- A separator between the fingers to prevent pinching the arrow.

- On the bow hand an ordinary glove, mitten or similar item may be worn but must not be attached to the grip.
  - An anchor plate or similar device attached to the finger protection (tab) for the purpose of anchoring is legal in Compound or Recurve Traditional Divisions.
- 11.10.2.8.2 Compound Division:  
The following equipment is permitted:  
A mechanical release aid, provided it is not electronic or electric.
- 11.10.2.8.3 Recurve Traditional and Longbow  
The following restrictions apply:  
The finger protection must not incorporate any device to hold, draw and release the string.  
An anchor plate or similar device is not permitted in the Longbow Division.
- 11.10.2.8.4 Longbow Division  
One anchor point is permitted. In the longbow divisions an archer shall shoot with one finger touching the nock. That is defined as either a split anchor (such as the Mediterranean style) or with three fingers under the nock.
- 11.10.2.8.5 Recurve Traditional division.  
String walking and face walking are permitted.
- 11.10.2.9 Optical Aids:**
- 11.10.2.9.1 All Divisions:
- Cameras or range finding devices are not allowed on any of the shooting ranges regardless of use. Binoculars (hand held) will be allowed with a maximum magnification of 8,5X per manufacturer's specification.
  - It is noted there are slight variations in manufacturing tolerances and the maximum allotted variation would be to 8.5 X. or less
  - No range finders or any other means of estimating distances are allowed on the range at any time. This will include any part of the archer's equipment or body.
  - In consideration of time, no shooter may glass the target from the shooting peg after taking his or her shot. Shooters may glass the target prior to shooting, but are reminded of the time restriction for their shot. A shooter found in violation of this rule would have five points deducted from his or her score.

## **11.10.3 PLANNING OF WORLD CHAMPIONSHIPS**

### **11.10.3.1 Registration of the Teams**

- 11.10.3.1.1 The Member Associations wishing to register athletes in the 3DI World Championships must send back to the organizers the completed registration forms as follow:
- At the latest, sixty (60) days before the first day of shooting for the provisory forms.



- At the latest, twenty (20) days before the first day of shooting for the definitive forms.
- 11.10.3.1.2 For the 3D World Championships, an Association can only register three (3) archers for each category (class and division). This means:
  - 3 Women archers Compound Bow
  - 3 Women archers Longbow
  - 3 Women archers Traditional Recurve Bow
  - 3 Men archers Compound Bow
  - 3 Men archers Longbow
  - 3 Men archers Traditional Recurve Bow
- 11.10.3.2 Qualifying Rounds**
  - 11.10.3.2.1 The Organizer must plan 3 courses of 20 targets, one course for each division.
  - 11.10.3.2.2 The shooting groups consist of 3 archers from the same category. Archers in one shooting group do not belong to the same nation.
  - 11.10.3.2.3 The archers shoot a course of 20 targets 1st day and 20 targets the 2<sup>nd</sup> day.
  - 11.10.3.2.4 The departures are given, as far as possible, simultaneously.
  - 11.10.3.2.5 Individual competition: The scores of the two days are added.
  - 11.10.3.2.6 In case of a tie in the individual competition, one (1) tiebreak arrow will be shot on a target decided by the Organising Committee. If still tied, one more arrow will be shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.
  - 11.10.3.2.7 Team competition (one Team per Nation Women/Men).  
The National Team's score is, the score obtained by the best archer of each shooting category. Best score for Compound bow added to the best score for Longbow and added to best score for Traditional Recurve bow
  - 11.10.3.2.8 In case of a tie for the ranking in the Team competition, the selection will be made with a shoot-off on a target decided by the Organising Committee, by shooting three (3) arrows, one (1) arrow by each archer of each shooting class. If there is still a tie, three more arrows are shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.
  - 11.10.3.2.9 The qualification rounds enable the selection of:
    - 12 Archers for individual semi-finals.
    - 12 National teams for teams semi-finals
  - 11.10.3.2.10 The selections for the women's teams are independent of the selections for the men's teams.
- 11.10.3.3 Semi-Finals 12 Individuals**
  - 11.10.3.3.1 The semi-finals take place on a course of 6 targets, all of them visible to the public.
  - 11.10.3.3.2 Archers are placed in groups of three (3) for the semi-final.  
Where possible, archers in a group should not belong to the same nation.

- 11.10.3.3.3 In case of a tie in the individual semi-finals, one (1) tiebreak arrow will be shot on a target decided by the Organising Committee. If still tied, one more arrow will be shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.
- 11.10.3.3.4 The first 8 individuals from the Semi-Finals are qualified for the finals. (There is no addition of the results of the qualification to the semi-finals event)
- 11.10.3.4 Semi-Finals – 12 Teams (Women/Men)**
- 11.10.3.4.1 For (Women/Men) Teams, the Finals will take place on a course of 6 targets, all of them visible to the public.
- 11.10.3.4.2 For the Team's Final, the Team Captain chooses 3 archers for the National Team, one for each shooting class. There is no obligation for the Team Captain to choose for the National Team the best archer in each class from the qualification-rounds. These 3 archers shoot together as one team.
- 11.10.3.4.3 Each shooting group of 6 consists of 2 National Teams of 3 archers each.
- 11.10.3.4.4 In case of a tie in the semi-finals of the Team competition, the selection will be made with a shoot-off on a target decided by the Organising Committee, a shooting of three (3) arrows, one (1) arrow per archer of each shooting class. If there is still a tie, three more arrows are shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.
- 11.10.3.4.5 The first 8 teams from the Semi-Finals are qualified for the finals. (There is no addition of the results of the qualification to semi-finals event)
- 11.10.3.5 Finals Individuals (8 individuals)**
- 11.10.3.5.1 The Finals will take place on a course of 6 targets, all of them visible to the public.
- 11.10.3.5.2 Archers are placed in groups of two (2) for the Individual Finals. Where possible, archers in a group should not belong to the same nation.
- 11.10.3.5.3 The individual with the highest score will be declared the winner. (There is no addition of the results of the qualification and semi-final event to the finals event)
- 11.10.3.5.4 In case of a tie in the individual finals, one (1) tiebreak arrow will be shot on a target decided by the Organising Committee. If still tied, one more arrow will be shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.
- 11.10.3.6 Finals Teams (8 Teams)**
- 11.10.3.6.1 The Finals will take place on a course of 6 targets, all of them visible to the public.
- 11.10.3.6.2 Teams are placed in groups of two (2) for the Team Finals.
- 11.10.3.6.3 The team with the highest score will be declared the winner. (There is no addition of the results of the qualification and semi-final events to the finals event)

- 11.10.3.6.4 In case of a tie in the finals of the Team competition, the selection will be made with a shoot-off on a target decided by the Organising Committee, a shooting of three (3) arrows, one (1) arrow per archer of each shooting class. If there is still a tie, three more arrows are shot, if the scores are still equal, the arrow nearest to the central X of the little circle will determine the winner.

**11.10.3.7 Awarded titles**

- Women's 3D World Champion Longbow
- Women's 3D World Champion Traditional Recurve
- Women's 3D World Champion Compound
- Men's 3D World Champion Longbow
- Men's 3D World Champion Traditional Recurve
- Men's 3D World Champion Compound
- Women's 3D World Champion Team
- Men's 3D World Champion Team