



# **FITA FIELD ARCHERY Organisers Manual**





## Preface

The FITA Field Committee wanted to give you all the experience we have gained over the last couple of decades in relation to how to organise tournaments.

You may ask if this is really necessary, unfortunately, the answer is yes, as we have experienced that various organisers continue to fall into more or less the same traps.

Sometimes this is just because organisers simply did not have the 'plan', sometimes because they concentrated too much on this or that, and forgot to consider the rest.

Very often it is because local habits or ways of doing things simply are not good enough when you invite people from other nations to come to your tournament. This is particularly noticeable when it comes to the designing of the courses.

We have seen courses at some championships that should have been forbidden to shoot and we have seen courses so boring that the archers are yawning when shooting them.

Thus it is our hope that this book will be of assistance not only to the organisers of the world championships, but also to organisers of national, regional or club shoots.

The difference between a club shoot and a world championship is in many ways only size and numbers. By studying the organisers chart you can deduct whatever is not needed for your tournament.

Organising a good tournament, be it a Worlds or a Local is no magic, it is plain planning and a well educated and experienced crew. Some may be more experienced than most, but still we believe this book may be of help, so please do not underestimate it, what may be clear as crystal to you, may not be to the next organiser.

We do not think that we know all there is to know about Field Archery – by no means.

So, please help us keep this a live document. Whenever you come up with a new idea, or find something wrong in the text, please let us know – if applicable, we will implement it.

Derrick LOVELL, Chairman  
Tom GREEN  
Roberto GOTTELLI  
February 2010



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## World Field Championships Schedule

**Days prior** to the Championships:

Arrival of national teams – Accreditation and unofficial practice – Judges' arrival and check of courses  
Remember marked and unmarked which can be switched between rather than marked or unmarked.

**MONDAY - First** (1st) official Championships **day**:

Official practice – Equipment control by the Judges and Team Captains' meeting

### OPENING CEREMONY

**TUESDAY - Second** (2nd) official Championships **day**:

24 targets qualification course(s) – Unmarked for all divisions – Number of courses in accordance with participation

**WEDNESDAY - Third** (3rd) official Championships **day**:

24 targets qualification course(s) – Groups seeded from 1st qualification round – Marked (Long Course) for all divisions – Number of courses in accordance with participation

**THURSDAY - Fourth** (4th) official Championships **day, morning**:

The 16 best archers in each division based on the results from the qualification shoot a 12 target first elimination course – Marked distances

**THURSDAY - Fourth** (4th) official Championships **day, afternoon**:

The 8 best archers in each division following the first elimination shoot an 8-target second elimination course – Marked distances

**FRIDAY - Fifth** (5th) official Championships **day, morning**:

The 8 best National Teams based on the results from the qualification shoot an 8-target marked distances elimination course – All targets shot simultaneously

**FRIDAY - Fifth** (5th) official Championships **day, afternoon**:

The 4 best National Teams following the elimination shoots semi-finals (4 targets marked distances) and medal finals (4 targets marked distances) in accordance with the Finals procedure

**SATURDAY - Sixth** (6th) official Championships **day, morning**:

The 4 best archers in each division following the second elimination course shoot semifinals (4 targets marked distances) and medal finals (4 targets marked distances) – May also be shot with a break between rounds, and/or on the same targets – In accordance with the Finals procedure

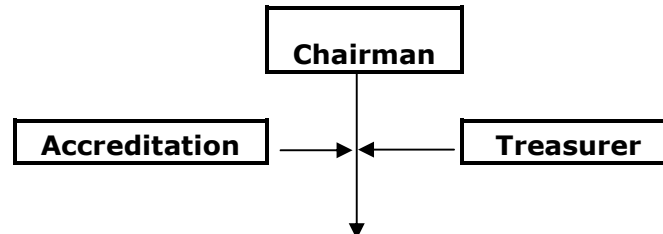
**SATURDAY - Sixth** (6th) official Championships **day, afternoon and/or evening**:

### MEDALS CEREMONY CLOSING CEREMONY AND BANQUET

**Days following** the Championships:

Departure of National Teams and Judges – Distribution of the official results list (if not already done)

## Schematic Organisers Chart



Accommodation	Transport	Results service	Info+PR/Media	Sponsors	Qual.courses	Eliminations	Finals	Protocol	Judge contact
Hotels	Airport pickup	Field rotation	Local and	Local and	Min 2 x 24 in a	Min	2 x 4 (1x8) in a	Opening,	Maps
Lunch packs	Local transport	score pick up	foreign media	National + FITA	central position	1st Elimination	central position	Awards,	Measuring tapes
Closing Party	First aid contact Local doctor and	Results boards	FITA media off.	Advertising	Maps, spare	1x12 Targets	1x8 Targets in a central position	+ Closing	+ range finders
Equipment shelter		Results list	+ Internet site.	Banners/flyers Commercial boards	faces and butts	2nd Elimination	Maps, spare faces and butts.	ceremonies	Comm. radios
Jury +Judge room	Hospital cont.	Results software	Day to day info		Practice field	Maps, spare faces and butts	Warm up field	National flags	Authority to order
Team managem.		and PC/copying	to the teams and	Stickers	Warm up field	Warm up field	Toilets	National	things done
Sheltered waiting Area.		facilities	public	T-shirts etc.	Toilets	Toilets	Refreshments	Anthems	
Toilets		Com. centre w/ radios	Media centre w/ ADSL Internet Connection.		Refreshments	Refreshments		VIPs	
Refreshments			Archery show + Public try out						
Parking									

This Chart is an example only and shows some or most of the tasks that must be covered for in major tournaments. However, it does not mean that you will need one person for each task. By planning one person or a group of persons may have several tasks.

## Field Archery Protocol Document

This policy and procedure document applies to World Championships, Continental Championships and any other FITA event.

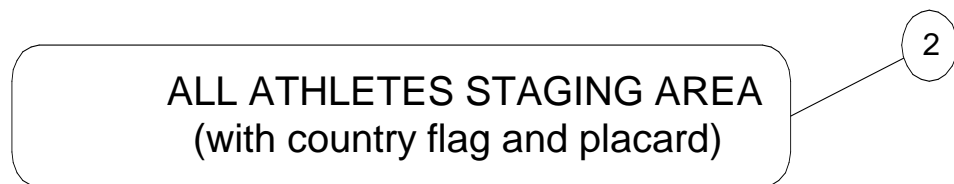
The complete document made by Mrs Lynne EVANS, former FITA Council Member and FITA Vice President, may be found on the FITA webpage under publications, or by asking the FITA Office.

However all organisers should be reminded that there will be an opening ceremony, a medals ceremony and a closing ceremony which has to follow certain procedures in accordance with the above.

Please be reminded that during these ceremonies you will or may need national flags and national anthems.

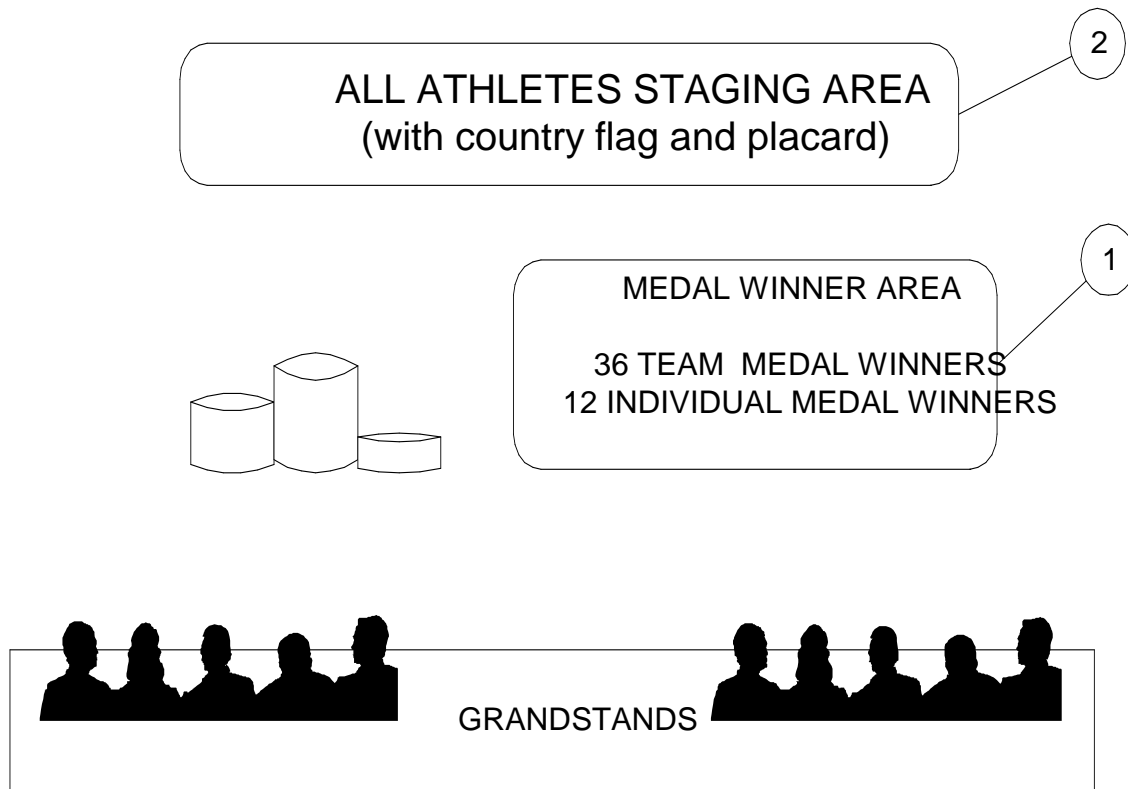
Please remember to keep the opening and closing ceremonies as short as possible and do not forget that the grandstand should be sheltered from bad weather and there should be room for all dignitaries including Judges and the members of Jury of Appeal

### FITA Opening Ceremony Procedure



Please ask FITA for the complete document or look it up on the FITA webpage.

## FITA Closing and Medal Ceremony Procedure



Please ask FITA for the complete document or look it up on the FITA webpage.

## FITA Award Ceremony Procedure

You will see that the proposed schedules give you the possibility to do the award ceremonies at the end of each finals day.

These give the required equal attention to the medal ceremony of the team event and the individual's event.

**The Organising Committee staff must rehearse the Medal Award Ceremony so it looks professionally done.**

To follow the change in procedure adopted by the IOC at Summer and Winter Games, FITA requires that the athletes are presented and called to the Podium in reverse order:

**Bronze, Silver and finally, World Champion & Gold Medallist**

For Teams the Athletes should be positioned in alphabetical order.

No bows can be taken onto the podium!

## Accommodation and Transport Demand

An organiser of a WFC is obliged to give a certain standard of services to the archers, the team official, media and public. Thus it is essential that he has an accommodation service plan and crew that has the authority to decide on matters and know how to act accordingly.

1. Plan for hotels /accommodation including FITA officials and Sponsors
2. Plan for airport pick-up
3. Plan for local transport
4. Plan for emergencies
5. Plan for lunch packs\* and refreshments
6. Plan for equipment\*\* at the waiting area
7. Plan for closing party / social meeting

*\* Lunch packs during the tournament must be of a kind that can be eaten without soiling your fingers/clothes and need knives (e.g. oranges should be avoided).*

*\*\* Refer to the rule book for necessary (meeting) rooms and covered accommodation for equipment and team officials.*



## Information and Media Demand

An organiser of a WFC is obliged to give a certain standard of services to the archers, the team officials, media and public – thus it is essential that he has a plan for media information as well as information service to the teams and the public.

A minimum requirement is:

1. Cooperation with FITA Office. Please contact the FITA Communication Department at least 3 months prior to the world championships
2. Plan for media information locally and in cooperation with FITA internationally.
3. Plan for information to the public by means of boards, press and loud speakers (also a commentary service at the finals may be information related).
4. Plan for information to VIPs, FITA officials, Judges and Team officials by means of:
  - a) Mailboxes
  - b) Courier
  - c) Mobile phones / SMS
  - d) Designated crew members for specified teams / officials

## Results Service Demand

An organiser of a WFC is obliged to give a certain standard of services to the archers, the team officials, media and public – thus it is essential that he has a results service crew that is experienced and know how to act accordingly.

1. The crew must have an electronic results service programme which has been tested and proved to work.
  - The programme must list all divisions with participation list after (athlete) number, starting list by groups.
  - Results lists for all divisions with sorting on 5's and 6's all through the competition where applicable (check the rule book).
  - Results list for teams from day one, with sorting on 5's and 6's.
  - Starting list by seeded groups day 2
  - Starting list by seeded groups for the first elimination
  - Starting list by seeded groups for the second elimination
  - Starting list for the semi finals
2. The crew must have sufficient capacity to publish the results after day one and two within 30min after the last group for a particular division hands in their accepted score cards – not to be delayed by incorrect scorecards which will show zero in the list. Suggested capacity is one PC with operator and communication responsible per course (see intermediate results).
3. The complete list should be transferred electronically to a person responsible for Internet publishing in agreement with FITA as well as predetermined media. The role of the results verifier from ORIS.
4. The crew must have a plan for publishing the list by boards and mailboxes to the public, media and teams both during and after each day (see intermediary results service on following pages).

## Intermediary Results Service Plan

In order to give archers, team officials and media the best service an organiser is obliged to give intermediate results during a competition. This can of course be done in many ways. However, the following system has been used with good result at FITA field championships. The number of persons used is from experience quite sufficient, but more or less persons may be used depending on which system the results service responsible person(s) may decide on.

1. For each course you will need 7 persons, 6 of them, known as runners, must know the course very well in order to move freely between targets and groups without interfering with the shooting. The 7th person will be communication responsible for that course and situated close to the results service operator. The 7 persons must have communication devices that cannot be interfered with by the field crew or other involved with the tournament – sometimes mobile phones may be used, otherwise radios may be needed.
2. When the tournament starts the 6 runners will be designated to groups in 4 groups step (i.e. group # 1 – 5 – 9 – 13 – 17 – 21).
3. The runners follow the designated group for a predetermined number of targets – for example 3 targets. After the group has shot and scored the 3<sup>rd</sup> target the runner note the names/number of the archers and their corresponding score before he/she moves towards the following group(s) noting their number and scores until he/she has gone back 4 groups.  
  
I.e. Runner # 1 goes against the rotation of the groups making notes of group 1 – 24 – 23 – 22.  
Runner # 5 goes for results in group 5 – 4 – 3 – 2.  
Runner # 9 goes for 9 – 8 – 7 – 6.  
Runner # 13 goes for 13 – 12 – 11 – 10.  
Runner # 17 goes for 17 – 16 – 15 – 14  
Runner # 21 goes for 21 – 20 – 19 – 18.
4. After having noted the archers names/numbers and the corresponding scores for the 4 teams the runner calls the communication responsible person and give him/her the scores which he/she in turn hands over to the results service operator.
5. After having called in the scores the runners follow the group he/she last noted scores for until that group has shot and scored 3 targets – notes the names/numbers and corresponding scores and start moving towards the following 4 groups.
6. The sequence is repeated every 3 targets until the archers have shot 21 targets.
7. The results service operator will enter the scores immediately when handed in by the communication responsible person – thus the scores can be displayed regularly during the tournament.



## Score Sheet for Runners and Communication Responsible

Archers Number	Archers Name	Number of Targets Shot	Archers Score

Archers Number	Archers Name	Number of Targets Shot	Archers Score

Archers Number	Archers Name	Number of Targets Shot	Archers Score

Archers Number	Archers Name	Number of Targets Shot	Archers Score

## Course Designers Instructions

Contrary to what many may think, the terrain is not the most important part of a Field Archery competition – and for sure not in a world championship.

You may make a good field course in any terrain even in a central park with very few exceptions, but you cannot have a good tournament if the logistics are forgotten.

Meaning: Without easy access and proper parking space, room for results service team, area for FITA Office, Judges Meeting room, Technical Delegates room, Jury of Appeal room, catering service, guarded and covered equipment area, toilet facilities, Team Captains waiting area, large enough practice field, warm up field, and a good and experienced management and crew – you can never have a good and just competition.

**Once the above is in place, and only then, can you plan and design the courses.**

When building field courses there are a few things one shall remember as the no no's of field archery or simple things that should be avoided because it will make life easier for everybody:

1. Long distances between targets are a waste of time and archers patience. It makes life more difficult than it needs to be for the field crew and Judges. There is no such thing as a 'perfect target' and course designers are fooling themselves if they let the archers walk long distance because they think they have a 'good shot'. The archers and Judges will dislike it very much if you do not make a compact course. **Long walks between targets are a proof of an inexperienced course maker.**
2. Long distance from assembly point to the farthest targets is against the rules and may jeopardise the health of the archers, and make the competition unfair in regards to spare equipment being brought in.
3. Forgetting safe paths for medics and crew is also against the rules and of course also dangerous to those that have to move between targets when shooting is in progress – again medics and people bringing in spare equipment and various supplies are typical examples.
4. Shooting uphill, then walking downhill in order to shoot uphill again or vice versa - proves you are inexperienced as a course designer and the archers will hate you.
5. Forgetting toilets in the course – will make the female archers (particularly) very uncomfortable, and you as a course designer will probably have advertised that this course does not want female participation in the future, if you do a local tournament. If you do a major tournament, you will be strongly criticised and probably fined by FITA (Championships). Please be reminded that the work crew will have to transport the toilets out of the area after the tournament, so pay attention to the practicalities in that respect.
6. Sky line targets or targets placed in a place where you cannot see if anybody walks behind the target – is very, very dangerous and simply not acceptable.
7. Difficult walking and or climbing as well as steep slippery ground (it will always rain, when not expected) must be avoided. If not possible safety arrangement like ladders and ropes must be provided. Remember; the archers will never have more than one arm free when walking the path, thus both the archers and their equipment may suffer if they slip or fall.

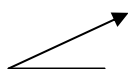
8. On unmarked courses the various targets should vary between long, medium and short distances as well as between the various sizes of target faces. Often you will find that course makers have a tendency of making short to medium long or long to medium long shots on all types of faces – this is called **a trend** and is easily spotted by the archers.
9. Making the courses as a 'circle' contributes to difficulties for everybody – also the organising crew, try to avoid that – the best courses are made as an '8, a B or even a double B or a clover' with the assembly point near to the crossing point – that way the groups may come close to the assembly point twice or more during the round, **and you may get away with fewer toilets and results service boards as well as refreshment depots.**
10. Having a major tournament in a national park or other protected areas should be avoided – such areas may have restrictions on plant and tree environment, and you may not be allowed to trim trees or bushes. In addition you may have restrictions to the use of motorised vehicles – which make life very complicated for the field crew, the medics and the Judges. This has been proven many times – double check, if you are planning on using such an area.
11. Look for the sun – never make a shot into the sun. It is dangerous and also very unfair as the sun changes during the day. Morning sun will not give the same situation as the afternoon sun.
12. Remember the angle of the face towards the shooting position – it shall be as perpendicular as possible. Contrary to what some may think this is mainly because of **arrow, paper and target destruction** – not in order to make it easier to estimate.
13. When leaving the target, the path must never take the athletes into the overshoot area for that target. Always mark the path at a right angle to the arrow flight.
14. Try to avoid that the archers, after scoring, must go back to the point from where the arrows were shot – except maybe on very short distances, since such movement will delay the groups following.

### How to Make a Good Course

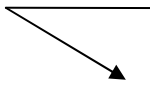
Take advantage of the map, study it and then walk the terrain – depending on the number of targets you will require "X" number of long distance shots. Find positions for those long shots first, the short and medium length shots are normally not a problem to fit in between the long ones.

1. If possible find your area in central places – don't hide away in the bush!
2. All finals should for sure be held in a central place – if possible in a central park area. Make sure the public may watch the shooting at all the targets.
3. When walking the terrain look for uphill, downhill and side hill shots – make notes on the map.

Use signs for uphill and an estimated angle:



and a corresponding for downhill:



This will make it easier to read the course when checking for 'difficulties'.

4. Make sure the direction of the shot or a stray arrow never crosses a walking path, emergency path, or in the direction of another target. If you do the map work accurately you may see it there, in addition to actually studying the terrain.
5. When looking for shooting positions, remember there will be 2 persons shooting at the same time – it is not fair if one can stand on a flat area whilst the other archer is sliding on the hill side.
6. When making a shot in the woods you must remember the weakest bow and cut branches twice as high as you thought in the first place – **because it will probably rain during the night in front of the tournament, and the branches that were very high yesterday will bring protests today.**
7. Remember to measure the distance at approx 1,5m height – 'bow arm height'
8. On the unmarked course you only have the max and min distance to worry about. Whether the distance is a full meter or half meter is of no importance.
9. On the marked course you have to consider the 5 m intervals but you do have a 2m 'safety zone' to play with, **provided the correct distance is marked on the peg and that the distance is correct within the tolerances given** – the 2m rule is **NOT** meant to be used for extending the maximum distances, but there for you to use when it is difficult to place the peg or target on even ground etc.
10. Finding shooting positions where you can 'camouflage' the ground between the shooting position and the target face by shooting over a small ridge, a fallen tree or even a build up of branches or brush (which you may build yourself). Such obstacles may spoil the archers distance estimation.
11. Shooting across a small valley, a river or part of a lake – may spoil distance estimation.
12. Using different sizes of buttresses in relation to the field faces – will spoil distance estimation. (See 15)
13. Shooting from a dark place out into the open – may spoil distance estimation.
14. Shooting from a light place into a dark or shaded place – may spoil distance estimation.
15. Most top 'measure/range' the distance. You may make their measuring more uncertain by keeping the size of the butt relative to the size of the target face, i.e. using an 80cm butt with a 60cm face looks very much the same as a 120cm butt to an 80cm face. If the archers are uncertain about the size of the face their measurement becomes uncertain.
16. You may also pin the faces to the butt with corners and sides folded so the print is covered and no fixed corners may be found – makes it more difficult to decide which size of face it is.



17. Shooting uphill, downhill or even side hill adds to the difficulty of a course. A very steep uphill or downhill is difficult to sight set and shoot and a side hill shot is difficult to shoot.
- 18. When making the qualification courses, remember on the first day they will all be Unmarked and on the second day they will all be Marked.**
- 19. The courses must be built so that only one assembly point is needed – many countries only have one team official and he/she cannot cover more than one place considering communication and spare equipment.**
20. Making the courses as an '8', a 'B' or a 'clover' and placing the assembly point close to the crossing points gives you as the course designer several advantages:
- The archers may pass the assembly point more than once which means fewer toilets as well as refreshments tents and results service boards.
  - If made correctly, you have a 1x12 and a 1x8 target course ready for the elimination rounds.
  - Distances to the farthest points may be shortened and safety paths may be easier to obtain.
  - Archers and officials will love you because you have also made life easier for them.
21. DO NOT forget environmental demands. DO NOT pollute and do not destroy the nature.

#### Remember:

**If there is a need for a third course**, then it will also be Unmarked on the first day and Marked on the second day.

#### MUST have:

- Results service plan
- Spare target faces plan
- Spare butts
- Extra crew to follow in the medics or spare equipment
- Radio communication for Judges and crew



## Equipment Requirement

When studying the requirements please note:

- a) **Weather conditions may severely alter the need for equipment, particularly target faces and buttresses.**
- b) The conditions of, and material choice on buttresses may vary, and should carefully be considered before taken into use in a field tournament as it may be much more difficult to change a target mat (buttress) in the field, relative to a target competition. You should never use a new construction without properly being tested for bouncers and/or shoot through.
- c) When a competition is held over 2 courses on two days, or incorporate elimination and/or finals rounds, the same equipment and courses may be used if a little 'planning' is done.

I.e. Sections of the Marked course may be used for the elimination rounds and the finals rounds. It is wise to consider the above option, as it may save a lot of labour and material costs, relative to build separate courses for every event in a tournament.

- d) A 24 target field course will normally accommodate 96 archers (4 archers per group assigned to each target). This may also be called the course's capacity. However, if care is taken the rules allow you to use so called 'blind groups' which simply means you may accommodate more groups than number of targets. It is wise not to have too many 'blind groups', but experience shows us that 4-6 'blind groups' per 24 targets will be acceptable. Including 'blind groups' a 24 targets course can thus accommodate approximately 112-120 archers.
- e) All distances should be measured from a point which is at 'shoulder height', since this is from where the arrow is released, and because the shape of the ground may give incorrect distance if measured along the ground.

Also remember, at marked distances the 5 m intervals may be altered within plus/minus 2m, **provided the correct distance within the valid tolerances are given** on the distance peg.

The reason for this is that this will give more flexibility to the course designers, because in certain areas it is sometimes almost impossible to find the exact 5m interval without moving 'half' the countryside. By allowing the plus/minus 2m variation from the 5 m intervals, the course may be much easier to set up and to be used both for marked and unmarked purposes.

### Basic equipment needed per 24 targets

24 buttresses and stands (+ spares depending on **weather conditions** and the **quality of the buttresses**)

#### Unmarked 24 targets:

- 4-8\* x 12 pcs 20cm target faces (and some spares)\*\*
- 4-8\* x 4 pcs 40cm target faces (and some spares)
- 4-8\* x 1 pcs 60cm target faces (and some spares)
- 4-8\* x 1 pcs 80cm target faces (and some spares)



Marked 24 targets:

- 6 x 12 pcs 20cm target faces (and some spares)\*\*
- 6 x 4 pcs 40cm target faces (and some spares)
- 6 x 2 \*\*\*pcs 60cm target faces (and some spares)
- 6 x 1 pcs 80cm target faces (and some spares)

*\*From April 1<sup>st</sup> 2006 you are allowed to vary the number of targets with specific faces sizes on the unmarked round, but on the marked you will still have to have 6 of each size.*

*\*\* it is difficult to state the number of spares because of weather conditions and which buttresses are being used – in rainy weather you will need more spare than in sunny conditions. So this is just to remind you to consider spares. You will need more spares of the 20 cm faces and on the short 60cm distances.*

**\*\*\*Also note that on marked distances you now need to have 2pc 60cm faces on the corresponding targets – depending on the buttress type this may change the number of buttresses and of course the number of faces.**

All 24 targets rounds:

- 24\* pcs number signs (pegs) to number the target and used as 'waiting post'
- 24\*\* pcs red pegs (recurve and compound)
- 24\*\* pcs blue pegs (bare bow)

**\*On marked distances the shooting position should also have the distance stated** either with a separate distance peg or marked on the coloured post.

**\*\*In local tournaments other pegs and colours may be needed depending on classes/divisions)**

**Equipment requirement for a 12 target all marked (1st Elimination) round as in Article 4.5.3.10**

Will be **half of the marked 24 target course**, remember it is not exactly half of the Marked course as it has 1 extra 60cm face and 1 less 20cm face and comes in addition to the above unless the same course and /or equipment may be used. A 12 target elimination round consists of 12 marked targets – **remember 2 faces on each of the 60cm targets.**

Course capacity 48-60 archers

**Equipment requirement for an 8 target all marked (2nd Elimination) round as in Article 4.5.3.10 shaded section**

This is a new set up and the face size requirements can be found in Article 4.5.3.10 2nd Bullet Point. Again this may be set up on an already used part of the course.

**Equipment requirement for the all marked semifinals as in Article 4.5.3.10 1st part and medal finals as in Article 4.5.3.10 2nd part**

The course(s) is **4 targets for the semi- and 4 targets for the medal finals, however, all 8 targets may be in one continuous course or in a 4 targets course that is shot twice with a break between the semi-final and the final (not applicable for the Teams quarter finals as there is a need for 8 targets),** consisting of 12 (6) buttresses and stands as there should be 2 of each 60cm and 80cm.

If the buttress is large enough to accommodate for 2 pcs 60cm the requirement is reduced by 2 (1). The only requirement as to how the targets are laid out is that the last four targets shown in Article 4.5.3.11 must be used for the Gold Medal Match as per Article 4.5.3.11.2.

### Semi finals, all distances marked

1 x 12 pcs 20cm target faces (spares)\* One row of 3 faces for each archer in the match (2\*).

1 x 4 pcs 40cm target faces (spares)\* One face for each archer in the match

1 x 2 pcs 60cm target faces (spares)\* One face /buttress for each archer in the match

1 x 2 pcs 80cm target faces (spares)\* One face /buttress for each archer in the match

*\* The same applies to the team event*

An eventual shoot off is shot on the last target in the semi finals course.

### Medal finals, all distances marked

1 x 12 pcs 20cm target faces (spares)\* One row of 3 faces for each archer in the match (2\*).

1 x 4 pcs 40cm target faces (spares)\* One face for each archer in the match

1 x 2 pcs 60cm target faces (spares)\* One face /buttress for each archer in the match

1 x 2 pcs 80cm target faces (spares)\* One face /buttress for each archer in the match

*\* The same applies to the team event*

An eventual shoot off may be shot on the last target in the finals course if this target is set up as the longest target for all division. Otherwise you will need a separate shoot of target, **in which case you will need in addition** to the targets in the qualification round(s), elimination round(s) and medal finals, you will need:

1 x 1 pcs 80cm target faces for an eventual shoot off

\* It is wise to have the spares stored (in a waterproof container or bag) behind the buttresses, particularly on the qualification and elimination rounds, so that Judges and other persons with the necessary authority may change faces if needed.

#### **And also, not to forget:**

8 pcs number signs (pegs)

8 pcs red pegs (recurve and compound) \*\*\*

8 pcs blue pegs (bare-bow) \*\*\*

*\*\*\* In the finals all distances are marked, so if the distance is not marked on the coloured post a distance peg is needed.*

### Other equipment as described before

#### **Practice and/or warm up:**

One week before the championship a practice field shall be available, consisting of enough targets to accommodate one eighth (1/8) of the number of shooters. The targets should be set at various distances.

If it is not possible to have that number of targets, the organiser may organise practice in scheduled groups. Up to 3 groups may be acceptable.

#### **Also:**

1. If the practice field is not in the vicinity of the assembly area, extra warm up targets must be set up before the competitions – number of warm up targets should be in relation to the number of archers but at least 1/10 of the number.
2. Lots of 'nails' to fasten the target faces to the buttress. You need more than 4 for each face!!!
3. Rope, nails, plugs etc. to fasten and stabilise buttresses and stands.
4. Plastic ribbons, direction arrows or other means for marking the trail (path) of the course and/or make barriers to keep the public out of 'dangerous' areas. The trail (path) should always be marked when walking in the direction which the archers will actually walk, **i.e. do not walk the opposite direction when marking the trail.**
5. Trimming scissors / saw etc. to clear the arrow path. Remember that even small archers shall see the whole face, and weak bows need higher arrow flight than often believed. Rule of thumb; cut down as much as you think is necessary – then trim another 1-2m!
6. Measuring devices like steel tape (60m long if possible) and/or a laser rangefinder with accuracy within the tolerance, to check the distance.

(The tolerances on distances: +/- 25 cm on 15m and less, +/- 1m (100cm) on longer distances. Also on marked distances the 5 m intervals may be varied with +/- 2 m provided the correct distance is marked on the post).

7. One responsible person, with a few <handymen> to construct the (each) course before the Judge inspection and to maintain the course during the competition.

(The Course(s) shall be ready for inspection: for normal (Arrowhead) field rounds 16 hours before the tournament, for championships the morning 2 days before the competition – except for modified courses).

The course maker and his crew shall be available for the Judges during course inspection and course modifications – there must also be crew available during the competition in case of emergency with material.

8. \*\*\*\* Toilet facilities in the assembly area **and in the courses.**
9. \*\*\*\* Scoring service in the courses, so the archers can follow the course of the competition.
10. \*\*\*\* Drinking and/or food (snacks) stations.
11. \*\*\*\* Medical / first aid station(s)

\*\*\*\* Because of the above, the construction of a course should be carefully planned.  
i.e.: It is often wise to make a course in the shape of an '8' or a 'B' where the 'centre point' of the course is close to the assembly area. This makes the distances shorter and the need for facilities may be reduced.

12. In the assembly area you would also need a sheltered and guarded area for the archers (spare) equipment, a roofed area for the Jury of appeal /chairman of Tournament Judges / Field Committee, roofed area for Team Captains, a kiosk service and communications with Judges and course (field) crew.

- 13.** In a championship the **Chairman of Tournament Judges (Judge Commission) and the Judges, as well as FITA officials need to communicate with each other** and maybe **with the field crew**. Thus it is essential that they have some kind of communication equipment that works without interference with other groups in the area. What equipment to use is to be decided by the organiser – **as long as it will work**.
- 14.** Depending on the terrain and weather conditions you may need spades to dig steps, rope to secure a path and maybe even ladders in order to make it safe for the archers and Judges.

Please remember that archers and Judges when moving around the course will always have to carry with them the necessary equipment, and at least for the archers, this means they will have one maybe two hands occupied when walking. This means they are very insecure if they have to 'do mountain climbing'. So make sure this is avoided. Also be reminded that the archers, as everybody else, vary in physical size, so make steps and ladders accordingly.

- 15.** Each course maker shall make a map of the course where the targets and shooting direction is indicated. This will help the Judges (and others) when checking (walking) the course and when checking the security aspect. It is sometimes very difficult to see how the course lies in the terrain when walking the course and a map is thus very essential. A map containing the distances, particularly on the unmarked course, should only be provided to those that 'need to know'.

## How to Organise the Finals

How to do the shoot is presented under the chapter 'Operating Procedures', however, we need to explain in details what the intention with the finals really is.

The finals should be an interesting and exciting experience for the archers, fellow archers and the public!

This is why we have asked the organisers to organise the finals in the following way;

The four archers in each division form one group that walk together through the course, but they shoot by the pairs which is decided by the ranking – each pair having their own Judge accompanying them. How to shoot is described in the procedure.

Together with the group there shall be a person carrying a scoreboard showing the results for each pair – there may be one board having all four names or a board per pair. However, the board must tell the public what it is showing, i.e. semi finals or bronze / gold finals with the actual score after each target.

In addition – the person carrying the board must know that they shall 'perform'. By this we mean that the person shall walk around holding the board in such a manner that the audience can read it – which also means that the size of the signs must be accordingly.

Nation	Semi Final 1 – Comp. Gents	Points
NOR	Per Bolstad	45
GBR	Derrick Lovell	45
Nation	Semi Final 2– Comp. Gents	Points
USA	Skip Phillips	45
CAN	Al Wills	45

Nation	GOLD Final – Comp. Gents	Points
USA	Skip Phillips	45
GBR	Derrick Lovell	45
Nation	BRONZE Final- Comp. Gents	Points
NOR	Per Bolstad	45
CAN	Al Wills	45

We have also asked the organiser to have a person with a microphone / loudspeaker and an assistant spotter on target 4 (final target of the semi finals) and on target 8 (final target on the medals finals). This increases the understanding of the tension on the match, and is vital for the understanding on what is happening...



An eventual shoot off may be on a separate target but all experience show us it is better for the public to have it on the last target. However, the organiser should organise a 'kiss and cry' corner close to, but away from the last target so that matches can continue for other divisions once another is finished.





**Operating Procedures**  
**For**  
**World Championship Round**  
**For**  
**FITA Field Archery**

(Based on a document by former International Judge Mr Cliff BLUCK)

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## World Championship Round

### The Individual Event consists of the following:

- 1) The **Qualification Round** consists of 2 FITA Field rounds of 24 targets each:  
First Day One Unmarked Round  
Second Day One Marked Round  
To be shot on consecutive days.
- 2) The **First Elimination Round**, which consists of:  
One Round of 12 marked targets  
To be shot by the top 16 competitors from the Qualification Round.
- 3) The **Second Elimination Round** which consists of:  
One round of 8 marked targets  
To be shot by the top 8 competitors from the First Elimination Round.
- 4) The **Finals Round** which consists of:
  - a) **Semifinals** one round of 4 targets – marked
  - b) **Medal Finals** one round of 4 targets – markedTo be shot by the top 4 competitors from the Second Elimination Round.

### The Team Event consists of the following:

- 1) The Team Quarterfinal Round will consist of one round of 8 Targets – Marked.  
To be shot by the top 8 teams formed after the Individual Qualification Rounds.
- 2) The Team Finals Round will consist of:
  - a) **Semi Finals** one round of 4 targets – marked
  - b) **Medal Finals** one round of 4 targets – markedTo be shot according to the Team Seeding Table, Appendix 1

## Ground Layout

### Practice and Warm-up

- i. A practice ground will be set up near to the accommodation area, or elsewhere and will be available for all competitors to practice at least one week before the tournament starts.
- ii. The practice area shall contain a minimum of one target set at each distance as laid down in the rules for the marked distance round (i.e. 12 targets). The number of targets should be equal to one eighth of the competitors.
- iii. All competitors shall shoot from the same shooting line and be controlled by a Director of Shooting supplied by the Organising Committee.

If the courses are some distance away from the practice area, a Warm-up area shall be set-up at the central control area of the courses.

- i. A Warm-up area will be set-up with sufficient targets to allow the competitors to “warm up” before going to the courses – number of targets should be equal to 1/10 of the competitors.

- ii. The number of targets will be determined by the O.C. to suit the number of competitors and should be arranged at different distances.
- iii. All competitors shall shoot from one line and be controlled by a Director of Shooting.

On the second day, two special targets shall be set-up, one measured at 60 metres and the other at 50 meters close to the central area. These to be used to settle any ties that arise after the two days of the Qualification Rounds, or after the Elimination Round.

## The Courses

*The number of courses needed to be set out will be determined by the Technical Delegate in cooperation with the Organising Committee according to the number of competitors taking part. Taking into consideration the capacity of the course, 96 archers with 4 archers in 24 groups as well as the possibility of using 4-6 extra groups (so called 'blind groups') which may increase the number to 112-120 archers on a course.*

### Qualification Rounds

*At least two courses will be required, each of 24 targets, with distances set according to Appendix 3.*

*All archers will shoot Unmarked Rounds on the first day.  
All archers will shoot Marked rounds on the second day.*

*It is advised to use 2 x 60cm faces on the butt on the marked course.*

### Elimination Round

*For the 1st Elimination Round, one 12 target courses will be required. The course will consist of 12 marked distance targets. The distances will be as set out in Appendix 4 and can be set in any order the O.C. decides. Could be made up using some of the targets of the previous day or modifications of the qualification courses.*

*For the 2nd Elimination Round, one 8 target course will be required, the course will consist of 8 marked distance targets. The distances will be as set out in Appendix 4 and can be set in any order the O.C. decides. Previous elimination courses may be used with the appropriate modifications.*

*Consideration must be given to allow the public to view the shooting during these rounds, with extra special safety precautions taken.*

### Finals Round

*One course of 8 targets or 2 x 4 as laid down in Art.4.5.3.11.1 will be required with marked distances according to Appendix 5. The target sizes can be in any order EXCEPT that the last four targets of the chart will be used for the Gold Medal Match (Art.4.5.3.11.2) and target No 8 **must** be 80 cm set at the longest distance. The 8 target course can be laid as 2 x 4 which is shot with a break between.*

*This course can be used for the Individual Finals and the Team Event.*

*Consideration must be given to allow the public to view the shooting during this round, with extra special safety precautions taken. It is during this round that special arrangements have to be taken to allow for T.V. coverage of the event.*

- i). When laying these courses take special note of the following:-
- ii). The targets should be arranged along the courses with such difficulties in aiming and shooting as the terrain presents and the spirit and traditions of the sport

- require, keeping in mind the prime directive that **SAFETY** should be the foremost thought.
- iii). The targets should be laid out to allow the maximum variety of target size according to the best use of the terrain
  - iv). The course should be arranged so that the shooting posts and targets can be reached with **undue difficulty or waste of time and in complete safety**. The paths from the targets should not be in a "direct line of shot" but away to the side and these paths should be clearly marked with direction arrows or coloured tape.
  - v). In accordance with Articles 9.1.1.1 and 9.1.1.3. The walking distance from the central (assembly) area to the furthest target should be no more than one (1) kilometre or 15 minutes normal walking (when taking the groups out or bringing spare equipment). The courses should not be positioned higher than 1800m above sea level and the maximum difference between the highest and lowest point in a course should not be more than 100m.
  - vi). When laying the courses, thought must be given to making provision for easy access, for Judges, Work Party and Medical Personnel, to each target while shooting is in progress, i.e. a "safe path".
  - vii). Do not place a target on or near the skyline as a miss can result in a "Flight shot", unless special precautions are taken.
  - viii). Note! For more details refer to FITA Rules Article 4.5.3 & Chapter 9 Book 4.

## Shooting Procedure

### Individuals

#### Qualification Rounds

- 1 The separate divisions will be allocated to the different courses according to the numbers involved and can be separated if required, e.g. Compound Men together with B/B Ladies, Recurve Ladies with B/B Men, Recurve Men with Compound Ladies, or any combination the O.C. decides.
- 2 The draw for shooting groups will be made in accordance with FITA Rule 3.16. Groups must consist of 4 or 3 competitors and be of the same division.
- 3 Two competitors will shoot together, taking their position at the pegs according to the draw, and will rotate their shooting on subsequent targets as described in Article 9.5.1.3. However, if the group consists of 3 competitors, the odd person will shoot alone on the L/H side and rotation will be described in Article 9.5.1.3.
- 4 Each competitor will shoot 3 arrows at each target; the time allowed will be 3 minutes. The usual penalties will apply if these criteria are infringed.
- 5 At the end of the first day, the competitors will be regrouped according to the scores. However, not more than 2 competitors from any one country will be placed in a group as laid out in Article 3.17.1.3 in the Qualification and Elimination Rounds.
- 6 At the end of 2 days, the scores will be totalled and the top 16 (or 8) competitors in each division will go forward to the Elimination Rounds.

**Note: As per Article 4.5.3.6. If there are less than 17 or 9 Athletes, all of them will be admitted to the respective Elimination Round.**

**A championship for a particular group shall not be held if fewer than 12 individuals or 6 teams are registered in the preliminary entries. (See FITA Rule 3.7.4)**

## 1st Elimination Round

- 1 The competitors who have progressed from the Qualification Round will be allocated shooting groups by position on the result list. Care must be taken that not more than 2 competitors from one country are in the same group and shooting together.
- 2 The groups will be allocated starting targets and will all start together.
- 3 Two competitors will shoot together, taking their position at the pegs according to the draw and will rotate their shooting on subsequent targets.
- 4 Each competitor will shoot 3 arrows at each target; the time allowed will be 3 minutes. The usual penalties will apply if these criteria are infringed.
- 5 After all 12 targets have been shot; the top 8 competitors in each division will go forward to the 2<sup>nd</sup> Elimination round.

## 2nd Elimination Round

- 6 The competitors who have progressed from the 1<sup>st</sup> Elimination Round will be allocated shooting groups by position on the results list. Care must be taken that not more than 2 competitors from any one country are in the same group and shooting together.
- 7 The groups will be allocated starting targets and will all start together.
- 8 Two competitors will shoot together, taking their position at the pegs according to the draw and will rotate their shooting on subsequent targets.
- 9 Each competitor will shoot 3 arrows at each target; the time allowed will be 3 minutes. The usual penalties will apply if these criteria are infringed.
- 10 After all 8 targets have been shot; the top 4 competitors in each division will go forward to the Finals Round.
  - If there is a Tie in scores, it will be decided by Shoot Off as per Article 9.6.3.2.1.

## Finals

The following information sheet, which FAC has prepared as an aid to archers, organisers and Judges, has been used successfully on previous occasions, **and thus it is our recommendation to use it as a base for future finals.**

**NOTE: See separate page explaining how to present the venue...**

### Generally:

Competitors and officials are not allowed to smoke within the competition area. The Judges are here to see that you all have a fair and enjoyable tournament, so do not hesitate to ask if you are in doubt.

Team Members and public that follow the groups around the course must stay outside the barriers. If there are no barriers at that particular target, they must stay a minimum of 5 meters, but preferably 10 meters from the group in action.

Anybody from the public acting in a non-sportsmanlike fashion (trying to stress) any of the archers will be asked to leave the field.

### Order of shooting for the Finals Rounds

#### Starting order:

- Barebow Women
- Barebow Men
- Recurve Women
- Recurve Men
- Compound Women
- Compound Men

### **Order of Shooting**

Individuals and Teams Match Play

Archer (or Team) #1 shoots against #4 and # 2 against #3 based on the results from the Elimination Stage

### **Individual (or Team) shooting position**

1st. Placed Archer (highest ranked after the elimination round) shoots from the **left position**

4th. Placed Archer shoots from the **right position**

2nd. Placed Archer shoots from the **left position**

3rd. Placed Archer shoots from the **right position**

These positions are based on the results from the Elimination Stage.

The order of shooting as described above applies to the 4 Target Semi-final matches, NO ALTERNATION.

On target # 1 archer #2 and 3 shoots first, archers # 1 and 4 shoots as soon as the target is cleared, and so on.

Should there be a shoot-off in the Semi-Finals, this will be carried out on the last target shot, (Target No.4). However, the organiser may decide to shoot the semi and medal finals on the same course with a (lunch) break between the rounds – he may also have a separate shoot off target if that is applicable – this is also acceptable.

After the semi-final the two winners (individual or teams) will shoot the gold match and the two losers will shoot the bronze match.

The shooting position is in accordance with the above based on the results from the elimination.

In the medal finals, the athletes shooting in the Bronze Medal Match will shoot first at all targets, followed by the Gold Medal Match (Art. 4.5.3.6.1).

Should there be a shoot-off in the Gold and Bronze medal matches, these will be carried out at the longest distance for that division. The gold and bronze medal match will walk together through the course in order to avoid waiting at the final target; however, each match will be supervised by a Judge of their own. The scoreboards that are carried around accompanying the matches must be large enough to be read without binoculars and must be handled in a way that makes spectators able to see them.

An eventual shoot off may be on a separate target but all experience shows us that it is better for the public to have it on the last target.

However, the organiser should organise a 'kiss and cry' corner close to, but away from the last target so that matches can continue for other divisions once another is final.

### **Faces**

All faces will be shot as during the Qualification Round, EXCEPT for the 60cm. and 80cm faces, where there will be two buttresses (faces), the Archer on the left shooting at the Left buttress, the Archer on the right shooting at the Right buttress.

**IF IN DOUBT, ASK THE JUDGE!**

### **Timing**

(Individuals) 3 minutes is the time allowed to shoot the three arrows.

The judge will start and stop the shooting, indicating with a yellow card when there is 30 seconds remaining of the 3 minutes.

(Teams) 3 minutes for 3 arrows, each archer shooting one arrow. The timing to commence as soon as the first Team member passes the number board. The judge will start and stop the shooting, indicating with a yellow card when there is 30 sec. remaining of the 3 minutes.

The Judge will time the archers, starting his watch and verbally letting the archers know that time is running, when he has confirmed that the archers are ready and the target is clear to be shot. He will stand in a position in which the archers can see him without disturbing their concentration. When 30 sec. of the 3 min. remains he will lift his hand holding a yellow card.

When 3 min. has passed (if the archers are still at the shooting post) he will stop his watch and ask the archers to stop the shooting. No arrow should be released after the Judge has stopped the shooting. If the archers finish before the 3 min. has passed, he just stops his watch and proceeds to do the scoring.

**THERE IS NO EXTRA TIME GIVEN FOR EQUIPMENT FAILURE** during the Finals Round.

The Team Captain (Team members) should carry the spare equipment for the competitors.

### **Starting time:**

The first group, (Bare bow Women) will start at \_\_\_\_ Hrs.

The following groups will start at 10-15 minute (approx.) intervals:

When groups are approaching the end of a match, the following groups may be held back due to the media and spectators.

A Judge will be assigned to each group.

### **Extra Information for the Team Captains and archers:**

Time Warnings:

There will be no time warnings during the semi and medal finals – the archers are being timed and strictly 3 min. are allowed per 3 arrows.

### **Team Finals**

Archer's can select to shoot in any order, but only one at a time.

## **Equipment Failure**

During the Qualification and Elimination Rounds for Individuals extra time will be allowed to correct an Equipment Failure, if a minor equipment failure occurs, the order of shooting may be changed temporarily to allow the failure to be corrected. Equipment failure that occurs during the FINALS Rounds – see the finals procedure.

If a major failure occurs, a Judge must be called. If replacement equipment is needed the Judge will inform the Chairman of Judges who will in turn contact the appropriate Team Management to bring the necessary items.

- i) The time allowed for this is 30 minutes; the time to start from the time the Chairman of Judges has informed the athletes Team Management, providing that he is at the central area.
- ii) The rest of the group will shoot and score their arrows and allow the following groups to pass through.
- iii) If the repair is made within the time limit, the archer can shoot and score the remaining arrows and the group can proceed as normal.
- iv) If the repair cannot be made within the time limit, the group will proceed. The archer may start to shoot when the repair is completed, but will forfeit the targets missed out.
- v) At least one member of any country's team management must be available at the central control area for the possible event of equipment failure or Medical emergency. They may be needed to be contacted by the Chairman of Judges with the least amount of time lost.
- vi) All competitors spare equipment must be held in the Archers Area near the Central Control so that it will be readily available should it be needed.

## Medical Emergency

In the event of an athlete being unable to continue shooting because of an unexpected medical problem after the beginning of the shooting, no more than 30 minutes will be allowed for medical personnel to determine the problem and decide on whether or not the athlete is fit to continue unassisted. The procedure is the same as for an equipment failure.

## Tie Breaking Procedures

### Individuals

If there are tied scores for positions **up to but not including** the last position i.e. 16th, 8th, or 4th, after the qualification, 1st elimination and 2nd elimination respectively, then these positions are decided by "count-back" by the following procedure:

Those with tied score – count the number of 5's and 6's, if equal count the number of 6's, if equal Toss coin to decide.

This will be conducted by the Organising Committee.

If there are **tied scores to decide without considering the 5's and 6's who has** the final position, i.e. 16th, 8th, or 4th, then there will be a shoot off to decide, on a target especially set up for this purpose.

If there are Tied Scores during the Finals Rounds, it shall be decided by Shoot Off on the last target of the sequence being shot.

The Tie Breaking procedure is as follows:

- All competitors of the same division, who are tied, will shoot together at the appropriate target.
- Each competitor will shoot one arrow.
- The time allowed will be 60 seconds. (1/3 of the normal 3 minutes.)

- The highest score will win
- If tied, a second arrow will be shot for score.
- If still tied, a third arrow will be shot.
- If this is tied score, the arrow nearest the centre will win.
- If this is still tied, further single arrow will be shot, measuring nearest centre, until decided.

*Examples:*

*If competitors No 15 & 16 are tied, the position is decided by count back*

*If competitors No 16 & 17 are tied, a shoot off will decide.*

*If competitors No 15, 16, 17, & 18 are tied, all four will shoot a shoot off together, the two highest scores will win, and the position between the two will then be decided by count back, i.e. counting 5's and 6's.*

## Teams

If there are tied scores for places up to the 8<sup>th</sup> Team Position, these places will be decided by count back as detailed the Individual procedure.

If there is tied score for the 8th Team Position, there will be a shoot off. The procedure All is as follows:

- Members of the teams that are tied will shoot together on the appropriate targets.
- Each team member will shoot one arrow.
- The time allowed will be 3 minutes.
- The highest totalled team score will win.
- If this results in a tie, each team member will shoot a second arrow.
- If this results in a tie, each team member will shoot a third arrow.
- If this is also a tie, the team an arrow nearest the centre will win.
- If this is still a tie, the second and if necessary the third nearest the centre will win.

During the team event, any tied scores will be resolved by shoot off on the last target of the sequence being shot.

- Each team member will shoot one arrow as per the Shooting Procedure for Teams.
- The team with the highest combined score wins.
- If the score is tied, all team members will shoot a second arrow.
- If still tied, all team members will shoot a third arrow.
- If still tied, the team with the arrow nearest the centre will win.
- If still equal, the second or even third arrow nearest the centre will decide.

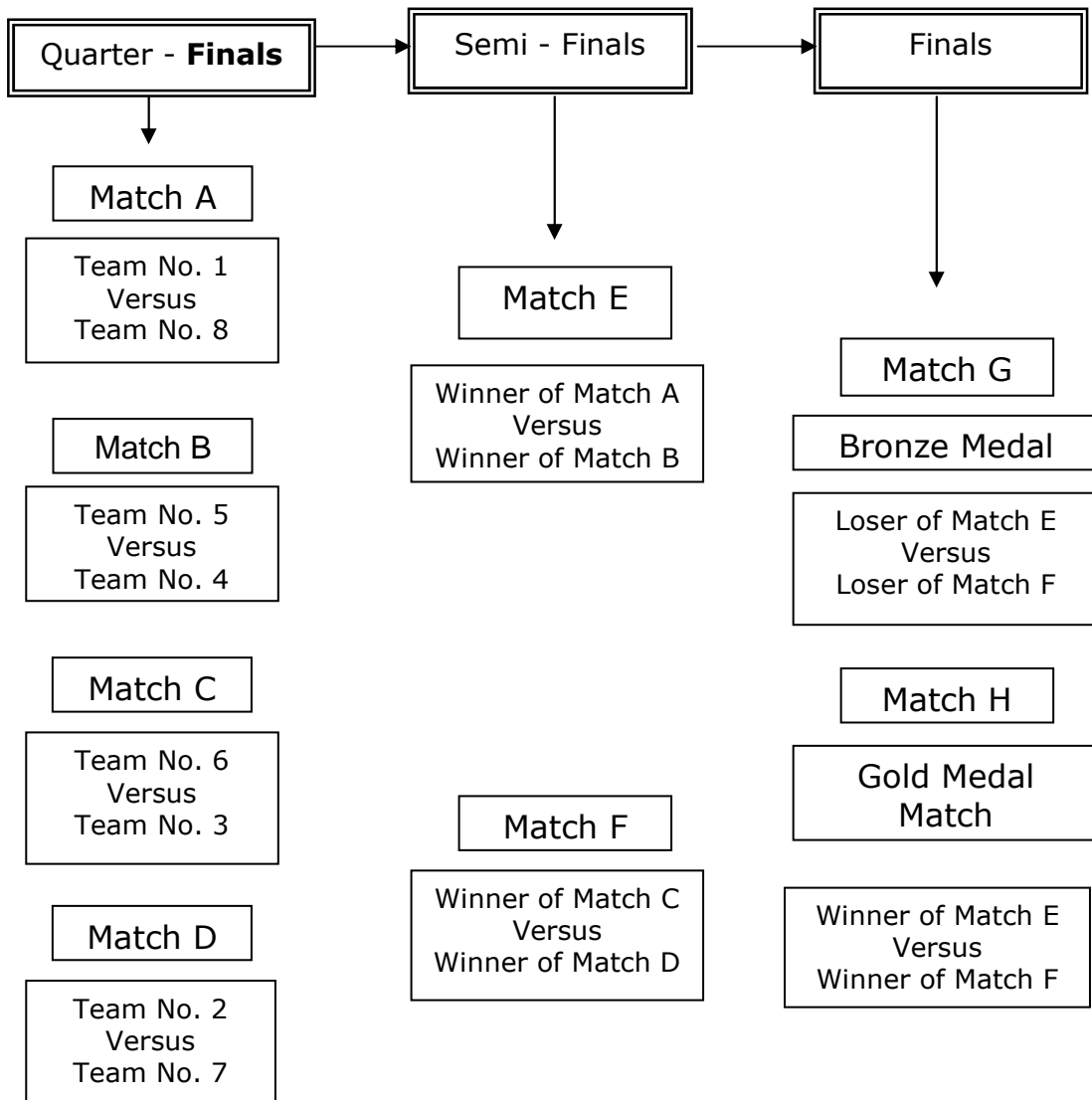


## Appendix 1a

### COMPETITION - Seeding Diagram

MATCH PLAY CHART TEAMS (Quarterfinals) (Article 4.3.5.6)

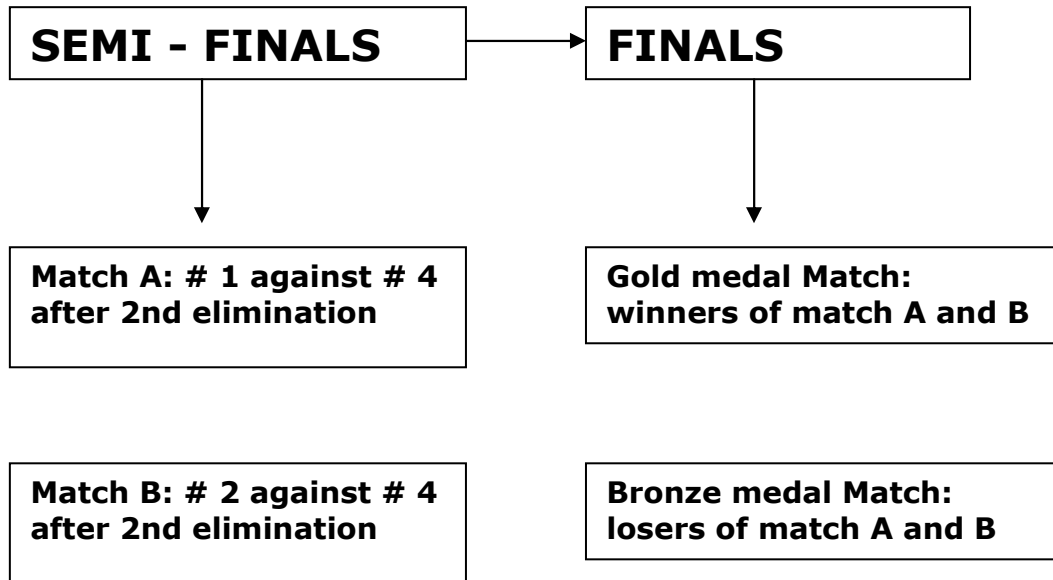
MATCH PLAY CHART TEAMS (Semifinals and Finals)



**Note:** In the Quarterfinal all matches start simultaneously. In the Semifinal and Final all matches start separately

## Appendix 1b

### INDIVIDUALS MATCH PLAY CHART (Semi-finals and Finals)

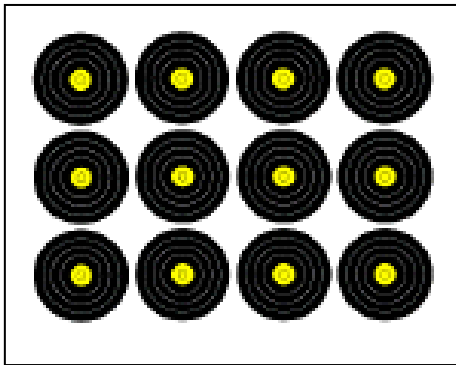


**Note:** In the Semifinal all matches start on target no 1 and in the Final the matches start at no 5 (or 1 depending on course build up) in accordance with the finals procedure.

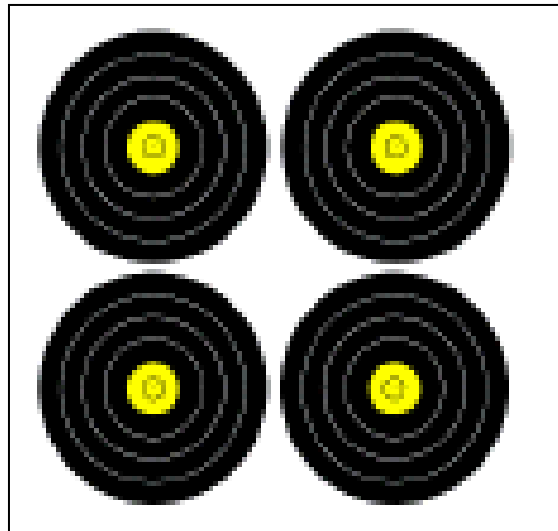
## Appendix 2

### Recommended Arrangement of Target Faces for Individual Semifinals

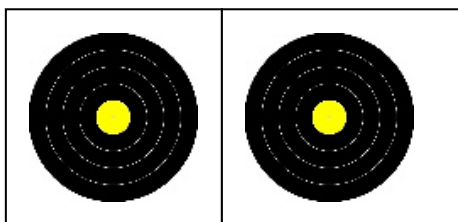
**20cm Target**



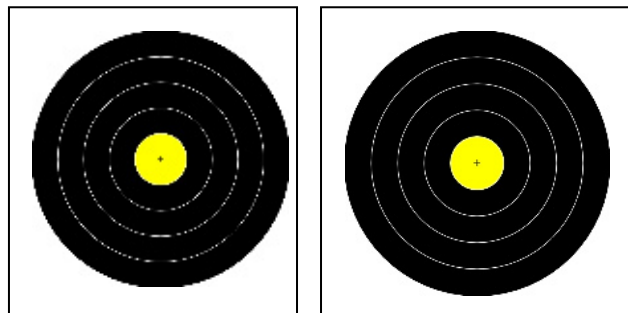
**40cm Target**



**60cm Target**

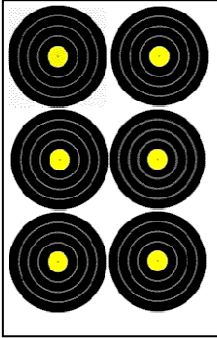


**80cm Target**

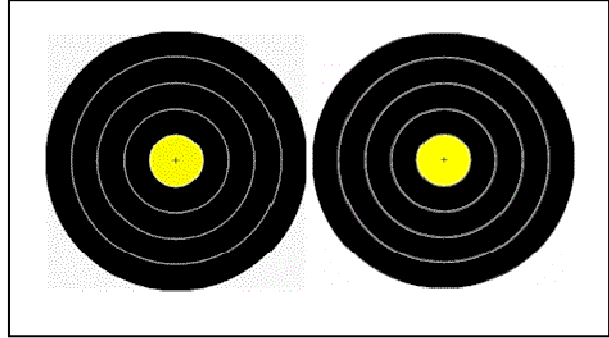


## Recommended Target Arrangement for Individual Finals & Team Event

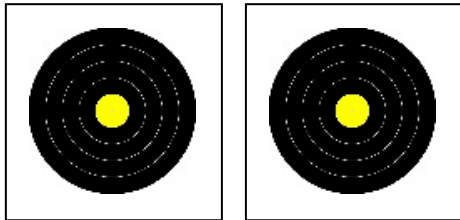
**20cm Target**



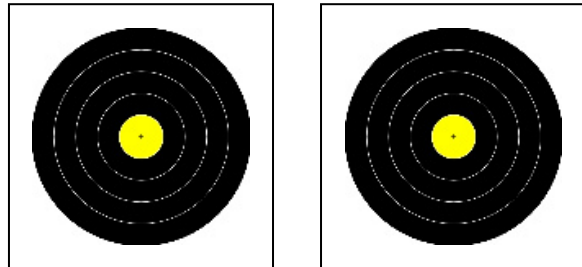
**40cm Target**



**60cm Target**



**80cm Target**



## Appendix 3

Each Qualification Round Consists of 24 Targets set at the following Distances

1) Art 4.5.3.7

<b>The Unmarked Round 24 targets</b>			
<b>Number of Targets</b>	<b>Diameter of Field Faces In cm</b>	<b>Distances in Meters</b>	
		<b>Blue Peg Bare bow</b>	<b>Red Peg Recurve and Compound</b>
<b>4-8</b>	<b>Ø 20</b>	<b>5 - 10</b>	<b>10 - 15</b>
<b>4-8</b>	<b>Ø 40</b>	<b>10 - 20</b>	<b>15 - 25</b>
<b>4-8</b>	<b>Ø 60</b>	<b>15 - 30</b>	<b>20 - 35</b>
<b>4-8</b>	<b>Ø 80</b>	<b>30 - 45</b>	<b>35 - 55</b>

Note: The distances of the targets of the same size should preferably vary between long, medium, and short distances. In national, regional and club events there may be other pegs for other Divisions like long bow / traditional bow etc.

In local tournaments the unmarked round may also be shot as the so called 'Marked -short round'.

2) Art.4.5.3.8

<b>The Marked Round 24 targets</b>			
<b>Number of Targets</b>	<b>Diameter of Field Faces (in cm)</b>	<b>Distances in Meters</b>	
		<b>Blue Peg Bare bow</b>	<b>Red Peg Recurve and Compound</b>
<b>6</b>	<b>Ø 20</b>	<b>5, 10, 15</b>	<b>10, 15, 20</b>
<b>6</b>	<b>Ø 40</b>	<b>15, 20, 25</b>	<b>20, 25, 30</b>
<b>6 (12*)</b>	<b>Ø 60</b>	<b>30, 35, 40</b>	<b>35, 40, 45</b>
<b>6</b>	<b>Ø 80</b>	<b>40, 45, 50</b>	<b>50, 55, 60</b>

\*Note! 60cm marked targets should have 2 faces on the butt.

In national, regional and club events there may be other pegs for other Divisions like long bow / traditional bow etc.

## Appendix 4

### Target Distances for the Elimination Round

Art.4.5.3.10

First Elimination Round, 12 Targets as laid out in the Full Table below

Second Elimination Round, 8 Targets as laid out in the shaded section of the table below

<b>The Elimination Rounds – marked distances on all targets</b>				
Number of Targets	Diameter of Field Faces in cm	Number of Faces	Distances in Meters	
			Blue Peg Bare bow	Red Peg Recurve and Compound
<b>1</b>	<b>Ø 20</b>	<b>12</b>	<b>15</b>	<b>20</b>
<b>1</b>	<b>Ø 40</b>	<b>4</b>	<b>25</b>	<b>30</b>
<b>1</b>	<b>Ø 60</b>	<b>2</b>	<b>35</b>	<b>40</b>
<b>1</b>	<b>Ø 80</b>	<b>1</b>	<b>40</b>	<b>50</b>
<b>1</b>	<b>Ø 40</b>	<b>4</b>	<b>15</b>	<b>20</b>
<b>1</b>	<b>Ø 60</b>	<b>2</b>	<b>35</b>	<b>40</b>
<b>1</b>	<b>Ø 60</b>	<b>2</b>	<b>30</b>	<b>35</b>
<b>1</b>	<b>Ø 80</b>	<b>1</b>	<b>45</b>	<b>55</b>
<b>1</b>	<b>Ø 20</b>	<b>12</b>	<b>10</b>	<b>15</b>
<b>1</b>	<b>Ø 40</b>	<b>4</b>	<b>20</b>	<b>25</b>
<b>1</b>	<b>Ø 60</b>	<b>2</b>	<b>40</b>	<b>45</b>
<b>1</b>	<b>Ø 80</b>	<b>1</b>	<b>50</b>	<b>60</b>

NOTE: The targets may be set in any order

## Appendix 5

### Unit for Finals Rounds (and Team Quarter Finals)

**As per Article 4.5.3.11, 8 Targets with Marked distances. 1st Half for semi-finals and second half for finals**

**Important notes:**

- 1) The targets may be set in any order, but the last four in the chart will be used for the Gold Medal Match with the 80cm face on the last target.
- 2) For the number of faces per target please refer to Appendix 2

<b>Semi-Final and Finals</b>			
Number of Targets	Diameter of Field Faces in cm	Distances in Meters	
		Blue Peg Bare bow	Red Peg Recurve and Compound
<b>1</b>	<b>Ø 20</b>	<b>15</b>	<b>20</b>
<b>1</b>	<b>Ø 40</b>	<b>25</b>	<b>30</b>
<b>1</b>	<b>Ø 60</b>	<b>35</b>	<b>40</b>
<b>1</b>	<b>Ø 80</b>	<b>45</b>	<b>55</b>
<b>1</b>	<b>Ø 20</b>	<b>10</b>	<b>15</b>
<b>1</b>	<b>Ø 40</b>	<b>20</b>	<b>25</b>
<b>1</b>	<b>Ø 60</b>	<b>40</b>	<b>45</b>
<b>1</b>	<b>Ø 80</b>	<b>50</b>	<b>60</b>

NOTE: Remember 2 of each faces.




## Appendix 6

<b>Field Judge's Tournament Record Sheet</b>											
Date		Venue									
Tournament											
Weather											
Chief Judge											
Judge Report from											
Controlling targets				to				On Course			
Round Shot		FITA Unmarked		FITA Marked		1 <sup>st</sup> Elimination					
2 <sup>nd</sup> Elimination		Semi-Finals		Finals		Individual		Team			
Number of Targets		4	8	12	24	Please tick appropriate boxes					
Corrections to Scorecards										Total	
Arrow Value Decisions										Total	
Face Changes	20									Total	
	40									Total	
	60									Total	
	80									Total	
Time Warnings											
Archers Name		Time and Time Warned			Archers Name			Time and Time Warned			
NOTES		.....									
		.....									
		.....									
		.....									
		.....									
		DJL									





## Appendix 7

 <b>FITA Marked Round</b> <b>24Targets</b> <b>2 x 12</b>													
<b>Face Sizes</b>	Red Peg Distances in Metres												<b>Face Sizes</b>
	T.No			T.No	T.No			T.No	T.No			T.No	
	20	10	10			15	15			20	20	20	
	40	20	20			25	25			30	30	40	
	60	35	35			40	40			45	45	60	
80	50	50			55	55			60	60	80		
<b>Face Sizes</b>	Blue Peg Distances in Metres												<b>Face Sizes</b>
	T.No			T.No	T.No			T.No	T.No			T.No	
	20	5	5			10	10			15	15	20	
	40	15	15			20	20			25	25	40	
	60	30	30			35	35			40	40	60	
80	40	40			45	45			50	50	80		
<b>Target #</b>	<b>Ring Face Size</b>				<b>Distances in Metres</b>		<b>Work Required</b>						
					<b>Red Peg</b>	<b>Blue Peg</b>	<b>Clearing</b>		<b>Buttress</b>			<b>Steps</b>	<b>Other</b>
							<b>High</b>	<b>Low</b>	<b>Raise</b>	<b>Angle</b>	<b>Security</b>		
1	20	40	60	80									
2	20	40	60	80									
3	20	40	60	80									
4	20	40	60	80									
5	20	40	60	80									
6	20	40	60	80									
7	20	40	60	80									
8	20	40	60	80									
9	20	40	60	80									
10	20	40	60	80									
11	20	40	60	80									
12	20	40	60	80									
13	20	40	60	80									
14	20	40	60	80									
15	20	40	60	80									
16	20	40	60	80									
17	20	40	60	80									
18	20	40	60	80									
19	20	40	60	80									
20	20	40	60	80									
21	20	40	60	80									
22	20	40	60	80									
23	20	40	60	80									
24	20	40	60	80									
<b>Other Comments</b>													



## Appendix 9

	<h3>FITA 24 Target Marked Check List</h3>
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20cm Faces Red Peg			
10, 15, 20	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>10</b>		
<b>Short</b>	<b>10</b>		
<b>Medium</b>	<b>15</b>		
<b>Medium</b>	<b>15</b>		
<b>Long</b>	<b>20</b>		
<b>Long</b>	<b>20</b>		

20cm Faces Blue Peg			
5, 10, 15	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>5</b>		
<b>Short</b>	<b>5</b>		
<b>Medium</b>	<b>10</b>		
<b>Medium</b>	<b>10</b>		
<b>Long</b>	<b>15</b>		
<b>Long</b>	<b>15</b>		

40cm Faces Red Peg			
20, 25, 30	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>20</b>		
<b>Short</b>	<b>20</b>		
<b>Medium</b>	<b>25</b>		
<b>Medium</b>	<b>25</b>		
<b>Long</b>	<b>30</b>		
<b>Long</b>	<b>30</b>		

40cm Faces Blue Peg			
15, 20, 25	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>15</b>		
<b>Short</b>	<b>15</b>		
<b>Medium</b>	<b>20</b>		
<b>Medium</b>	<b>20</b>		
<b>Long</b>	<b>25</b>		
<b>Long</b>	<b>25</b>		


60cm Faces Red Peg			
35, 40, 45	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>35</b>		
<b>Short</b>	<b>35</b>		
<b>Medium</b>	<b>40</b>		
<b>Medium</b>	<b>40</b>		
<b>Long</b>	<b>45</b>		
<b>Long</b>	<b>45</b>		

60cm Faces Blue Peg			
30, 35, 40	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>30</b>		
<b>Short</b>	<b>30</b>		
<b>Medium</b>	<b>35</b>		
<b>Medium</b>	<b>35</b>		
<b>Long</b>	<b>40</b>		
<b>Long</b>	<b>40</b>		

80cm Faces Red Peg			
50, 55, 60	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>50</b>		
<b>Short</b>	<b>50</b>		
<b>Medium</b>	<b>55</b>		
<b>Medium</b>	<b>55</b>		
<b>Long</b>	<b>60</b>		
<b>Long</b>	<b>60</b>		

80cm Faces Blue Peg			
40, 45, 50	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>40</b>		
<b>Short</b>	<b>40</b>		
<b>Medium</b>	<b>45</b>		
<b>Medium</b>	<b>45</b>		
<b>Long</b>	<b>50</b>		
<b>Long</b>	<b>50</b>		

## Appendix 10

	<h3>FITA 24 Target Unmarked Check List</h3>
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20cm Faces Red Peg			
10-15	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>10-15</b>		
<b>Short</b>	<b>10-15</b>		
<b>Medium</b>	<b>10-15</b>		
<b>Medium</b>	<b>10-15</b>		
<b>Long</b>	<b>10-15</b>		
<b>Long</b>	<b>10-15</b>		
<b>Extra</b>	<b>10-15</b>		
<b>Extra</b>	<b>10-15</b>		

20cm Faces Blue Peg			
5-10	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>5-10</b>		
<b>Short</b>	<b>5-10</b>		
<b>Medium</b>	<b>5-10</b>		
<b>Medium</b>	<b>5-10</b>		
<b>Long</b>	<b>5-10</b>		
<b>Long</b>	<b>5-10</b>		
<b>Extra</b>	<b>5-10</b>		
<b>Extra</b>	<b>5-10</b>		

40cm Faces Red Peg			
15-25	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>15-25</b>		
<b>Short</b>	<b>15-25</b>		
<b>Medium</b>	<b>15-25</b>		
<b>Medium</b>	<b>15-25</b>		
<b>Long</b>	<b>15-25</b>		
<b>Long</b>	<b>15-25</b>		
<b>Extra</b>	<b>15-25</b>		
<b>Extra</b>	<b>15-25</b>		

40cm Faces Blue Peg			
10-20	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>10-20</b>		
<b>Short</b>	<b>10-20</b>		
<b>Medium</b>	<b>10-20</b>		
<b>Medium</b>	<b>10-20</b>		
<b>Long</b>	<b>10-20</b>		
<b>Long</b>	<b>10-20</b>		
<b>Extra</b>	<b>10-20</b>		
<b>Extra</b>	<b>10-20</b>		

60cm Faces Red Peg			
20-35	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>20-35</b>		
<b>Short</b>	<b>20-35</b>		
<b>Medium</b>	<b>20-35</b>		
<b>Medium</b>	<b>20-35</b>		
<b>Long</b>	<b>20-35</b>		
<b>Long</b>	<b>20-35</b>		
<b>Extra</b>	<b>20-35</b>		
<b>Extra</b>	<b>20-35</b>		

60cm Faces Blue Peg			
15-30	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>15-30</b>		
<b>Short</b>	<b>15-30</b>		
<b>Medium</b>	<b>15-30</b>		
<b>Medium</b>	<b>15-30</b>		
<b>Long</b>	<b>15-30</b>		
<b>Long</b>	<b>15-30</b>		
<b>Extra</b>	<b>15-30</b>		
<b>Extra</b>	<b>15-30</b>		

80cm Faces Red Peg			
35-55	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>35-55</b>		
<b>Short</b>	<b>35-55</b>		
<b>Medium</b>	<b>35-55</b>		
<b>Medium</b>	<b>35-55</b>		
<b>Long</b>	<b>35-55</b>		
<b>Long</b>	<b>35-55</b>		
<b>Extra</b>	<b>35-55</b>		
<b>Extra</b>	<b>35-55</b>		

80cm Faces Blue Peg			
30-45	Distance in Meters	Target Number	Measured Distance
<b>Short</b>	<b>30-45</b>		
<b>Short</b>	<b>30-45</b>		
<b>Medium</b>	<b>30-45</b>		
<b>Medium</b>	<b>30-45</b>		
<b>Long</b>	<b>30-45</b>		
<b>Long</b>	<b>30-45</b>		
<b>Extra</b>	<b>30-45</b>		
<b>Extra</b>	<b>30-45</b>		

## Appendix 11

	<h3>First Elimination Round 12 Targets marked</h3>
---	--

20cm Faces Red Peg			
Marked		Target Number	Distance
<b>15m</b>			
<b>20m</b>			

20cm Faces Blue Peg			
Marked		Target Number	Distance
<b>10m</b>			
<b>15m</b>			

40cm Faces Red Peg			
Marked		Target Number	Distance
<b>20m</b>			
<b>25m</b>			
<b>30m</b>			

40cm Faces Blue Peg			
Marked		Target Number	Distance
<b>15m</b>			
<b>20m</b>			
<b>25m</b>			

60cm Faces Red Peg			
Marked		Target Number	Distance
<b>35m</b>			
<b>40m</b>			
<b>40m</b>			
<b>45m</b>			

60cm Faces Blue Peg			
Marked		Target Number	Distance
<b>30m</b>			
<b>35m</b>			
<b>35m</b>			
<b>40m</b>			

80cm Faces Red Peg			
Marked		Target Number	Distance
<b>50m</b>			
<b>55m</b>			
<b>60m</b>			

80cm Faces Blue Peg			
Marked		Target Number	Distance
<b>40m</b>			
<b>45m</b>			
<b>50m</b>			

## Appendix 11a New Appendix

 world archery	<h3>Second Elimination Round 8 Targets marked</h3>
--	--

20cm Faces Red Peg		
Marked	Target Number	Distance
<b>15m</b>		

20cm Faces Blue Peg		
Marked	Target Number	Distance
<b>10m</b>		

40cm Faces Red Peg		
Marked	Target Number	Distance
<b>20m</b>		
<b>25m</b>		

40cm Faces Blue Peg		
Marked	Target Number	Distance
<b>15m</b>		
<b>20m</b>		

60cm Faces Red Peg		
Marked	Target Number	Distance
<b>35m</b>		
<b>40m</b>		
<b>45m</b>		

60cm Faces Blue Peg		
Marked	Target Number	Distance
<b>30m</b>		
<b>35m</b>		
<b>40m</b>		

80cm Faces Red Peg		
Marked	Target Number	Distance
<b>55m</b>		
<b>60m</b>		

80cm Faces Blue Peg		
Marked	Target Number	Distance
<b>45m</b>		
<b>50m</b>		

## Appendix 12

	<h3>Semi and Medal Finals round Targets</h3> <p>(8 continuous or 2x4 targets)</p>
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Face Size	Target Number	Red Peg	Distance	Blue Peg	Distance
20cm		20m		15m	
40cm		30m		25m	
60cm		40m		35m	
80cm		55m		45m	
20cm		15m		10m	
40cm		25m		20m	
60cm		45m		40m	
80cm		60m		50m	







For any question or comment regarding this Manual or the content of this Manual, please contact the FITA Office.

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