

INTERNATIONAL CROSSBOW SHOOTING UNION



FIELD DIVISION

COMPETITION RULES

1st January 2017



IAU COMPETITION RULES

FIELD CROSSBOW

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Abbreviations

cca.	Approximately
CE	Cup Events
DOS	Director Of Shooting
FC	Field Captain
FJ	Field Judge
FITA	Fédération Internationale de Tir à l'Arc
IAU	Internationale Armbrustschützen Union
IAU EC	Executive Committee
IC	International Championships
IJ	International Judge
IJC	International Judges Committee
ISSF	International Sport Shooting Union
IOC	International Olympic Committee
NTM	National Team Manager
OC	Organizing Committee
RC	Regional Championships
SFr.	Swiss Francs
T	Tournament
TC	Technical Committee
VTCS	Visual Time Control System
WC	World Championships



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Definitions

Arbalist	crossbow shooter (competitor)
Bolt	the projectile shot from a crossbow (also arrow)
Butt	the target backstop
Catch	that part of the trigger mechanism which holds the string of a spanned crossbow (also latch, claw)
Cock	the act of setting the trigger mechanism, preparatory to spanning the crossbow
Division	either the Match or Field Division of the IAU , depending on context
Confederation	any grouping of IAU federations, controlling a geographic region
Federation	any member association, federation, union or otherwise of the IAU Field Division, representing a country
Field	relates to the shooting field
Field Division	the Field Division of the IAU
Hanger	a bolt which is hanging from the target face
Load	the act of placing a bolt into a spanned crossbow
Prod	that part of the crossbow which stores energy to be released to propel the bolt (also lath, bow, limbs)
Rebound	a bolt which has hit the butt/face and bounced back from the target
Region	European, Asian, Americas, etc. (may be controlled by a Regional Confederation)
Relay	that group of shooters currently shooting together
Sanctioned	an international Competition recognized by the IAU (event)
Span	the act of drawing the string of a braced crossbow so as to engage the catch



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Certified devices

The IAU recognizes the current ISSF testing devices as specified in these competition rules (see Art.330.3).

Specific IAU devices (prod weigh control, templates for target faces, Electronic Scoring equipment for Finals, Support Stand for shooters with disabilities, etc.) must be certified by a Field Technical Committee as conforming to the approved specifications and/or methods of use.

Other IAU publications

IAU Constitution

Judges' Guidelines

Description of Finals Competition

Guidelines for Organizers of IAU Field Crossbow WC or RC

Guidelines for Cup Events

Prerequisites for Hosting World Championships



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Art. 301 INTERNATIONAL COMPETITIONS

The **IAU** recognizes the following competitions:

Hierarchy	Abbr.	Sanctioned By
World Championships	WC	IAU
Regional Championships	RC	Region and IAU
International Competitions	IC	Federation and IAU
Cup Events	CE	Federation and IAU
National Championships	NT	Federation
Tournaments	T	Clubs and Federations



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Preamble

For the prerequisites for being considered to host **WC** and **RC**, refer to separate publication “**Guidelines for Organizers of World and Regional Championships**”.

Federations desirous of hosting **WC** must have successfully conducted a **RC**, **CE** or **IC**.

Granting of **WC** will follow the principle of regional rotation such as Europe, Asia, Americas, Europe, etc. as far as is possible.

Host candidates for **WC/ RC** are requested to prepare a formal written proposal to the **EC** via the **TC** which addresses the spirit of the requirements contained in “**Guidelines for Conduct of World and Regional Championships**”.

Consideration must be made for full teams from all member or associate federations, venue details as size, location, number of targets/ competitors, shooting direction, safety, accommodation, transport and administrative support arrangements, a detailed budget including sponsorship, government support, manpower, officials, experience.

Written submission shall be voted upon by the Field Division delegates present at **IAU** General Assembly or Field Division Congress (depending on which is the more convenient).



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- 301.1 IAU Championship shall be conducted in accordance with these Rules. Host federations will be determined according to the following criteria:
- 301.1.1 At WC there must be at least seven (7) federations represented. The WC will take place every two (2) (odd years).
No WC (but RC) the Olympic Games Years.
for initialization : RC in 2013 and 2016, WC in 2014 and 2015,
then normal rhythm : RC in 2018 and 2020, WC in 2017 and 2019
- 301.1.2 At RC there must be at least five (5) federations present, although not necessarily from the IAU Region in question, i.e. European Championships, 5 European countries. RC may be conducted every two (2) years for the IAU Regions of Europe, The Americas and Asia (including Pacific).
- 301.2 There shall be two (2) classes of other International Competition (non-title) as follows:
Cup Events (CE) and International Competitions (IC)
- 301.2.1 CE and IC events are intended to allow maximum possible participation from as many federations as possible at modest cost. CE and IC events are intended to provide a vehicle to develop shooters in an international environment, and to develop the organizational ability of federations in the conduct of International events.
- 301.2.2 There shall be a maximum of three (3) CE events per region per annum as a Regional Cup (Euro Cup, Asia Cup, ..) with at least three (3) countries from that Region, if possible (Art. 301.1.2) participating.



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- 301.2.3 The World Cups shall be organized a maximum of four (4) events per annum with at least five (5) countries for a national mixed teams and individuals. A national mixed team consists of three Shooters: 1x Man, 1x Woman and 1 x Cadet or Junior or Senior (man or woman).

World Records shall be recognized at CE events, subject to the Rules for the Conduct of CE being complied with (Art. 310). The event must be sanctioned by the IAU EC.

- 301.4 WC and RC Championships may be held in conjunction with the 10 and 30 meters World Match or Regional Championships.

- 301.5 WC and RC Indoor Championships: The IAU may recognize applications from member federations seeking to organize WC and/or RC championships for indoor shooting. Such competitions shall be conducted in accordance with these Rules, according to the following criteria:

- 301.5.1 At WC (Indoor) there must be at least seven (7) federations represented. The WC may take place every two (2) (even years), but not more frequently.

- 301.5.2 At RC (Indoor) there must be at least five (5) federations present, although not necessarily from the IAU region in question, i.e. European Championship, 5 European countries. The RC may be conducted every two (2) years for the IAU Regions of Europe, The Americas and Asia (including Pacific).



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Art. 302 OFFICIAL FUNCTIONS AND CEREMONIES

- 302.1 Reception: At WC and RC a reception of the official representatives of the participating federations and representatives of the IAU by an official of the community should take place, if possible.
- 302.2 Opening Ceremony: At the beginning of the WC or RC, the IAU Flag will be ceremoniously handed over to the Organizing Committee (OC) who shall then conduct a flag raising ceremony. Competitors and officials should march on and off the field and stand as teams on the field during the ceremony. The OC may provide cultural or other entertainment as it considers appropriate.
- 302.3 Awards Ceremony: The President of the IAU or his representative shall conduct the presentation of awards at a suitable ceremony on the shooting field. National Crossbow Federation flags shall be allowed. National anthems may be played at the awards ceremony.
- 302.3.1 Distribution of Special Prizes: Such prizes, e.g. Participation Medals, shall be distributed at the Awards Ceremony after the presentation of the main awards.
- 302.4 Closing Ceremony: After the Awards Ceremony has been finished, the IAU Flag shall be ceremoniously lowered and handed back to the EC of the IAU for storage.



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Art. 303 TEAM AND INDIVIDUAL COMPETITIONS

303.1 At WC and RC, Team and Individual competitions will be conducted in accordance with these Competition Rules. Refer also to separate documents “Guidelines for Organizers of IAU Championships” and “Guidelines for IAU Cup Events”.

303.2 Team Competitions: Each federation has the right to enter seven (7) teams, which will be made up only of Nationals from that country. The constitution of teams shall be:

MEN:	Three (3) competitors
WOMEN:	Three (3) competitors
JUNIORS:	Three (3) competitors (either sex)
CADETS:	Three (3) competitors (either sex)
MEN SENIORS:	Three (3) competitors
WOMEN SENIORS:	Three (3) competitors
ASSISTED:	Three (3) competitors (either sex)

303.2.1 The Team and Individual Competition shall be not organized in category, where is less than 6 (six) competitors. These competitors may shot in the category a level higher (i.e.: Senior women in category Senior men, Senior men in category Men, Cadets in category Juniors, Juniors in category Men or Women by the sex, women in category Men).

303.3 Substitute Competitors: Federations may select members as team reserves. They must be listed by name and substituted in order of listing. Such substitutes may only be made with the consent of the IAU Field TC. No substitutions will be permitted after the start of the first Competition round.



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303.4 **Individual Competitors:**

303.4.1 Each participating national or associate Federation has the right to enter one (1) Team consisted of three Shooters (see article 303.2) and further one individual Competitor in every category.

303.4.2 Federation, which does not have enough competitors to enter a full team, may enter individual competitors.

303.4.3 The reigning individual World and Regional (continent) Champions (article 308.2) have to right to participate in the next **WC** and **RC** as individual competitors, in addition to the maximum team size restrictions.

303.5 **Individual Competitions:**

In Individual Competition are registered all Team members. Scores from the team events and results of one (1) individual Competitor (article 303.4.1) are used to determine the individual results.

303.6 **Juniors and Cadets:**

Competitors, they have not attained the age of 23 years in first Competition day, they may compete in category Cadets or Juniors.

303.6.1 Competitors, they have not attained the age of 18 years in first Competition day, they may compete in category **Cadets** (either sex).



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- 303.6.2 Competitors, they have not attained the age of 23 years in first Competition day, but attained the age of 18 years, they may compete in category **Juniors** (either sex) (article 308.2.1).
- 303.7 **Seniors:** Competitors, they had reached the age of 50 years on or before the first day of the Competition they may compete in categories **Senior men and Senior women**. Each national or associate federation may enter up to three (3) competitors in the Seniors Individual event.
- 303.7.1 If any national federation of any reasons cannot cover starting fee of her nominated Competitors in category seniors, they may so do it ourselves.
- 303.8 **Team and Individual Competitions:** WC and RC will be decided on a Double IR 900 Round shot one round per day over two (2) days of Competition according to these Competition Rules. Men, Women, Juniors, Cadets, Men senior, Women senior and Assisted Shooters shall shoot together, competing for separate team and individual titles and awards.
- At Indoor WC and RC it will be decided on the respective round shot at 18 meters IR 600 round at 10 meters IR 400 round.



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- 303.9 **Team Officials:** Each participating National Team shall be represented by a Team Manager (NTM). A NTM may be a competitor or non-competitor. The NTMs shall generally represent their team in all matters pertaining to the championships. The NTMs shall:
- a. contact the OC as soon as possible after arrival,
 - b. attend Team Managers' Meetings as necessary, and,
 - c. accompanies their teams during equipment control.

The NTMs shall represent their teams in the event of disputes either to the OC or the International Judges Committee (IJC). Each National Team may also be represented by an Assistant

Team Manager (Coach).

One person may act simultaneously as NTM for not more than two (2) federations.

Art. 304 RIGHTS OF PARTICIPATION AND CITIZENSHIP

- 304.1 Only teams and individuals who belong to a Federation which is a member of the IAU (or Associate Member) and which has fulfilled all its obligations to the IAU shall participate in IAU sanctioned events.



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- 304.2 Eligibility: To be eligible to participate as a Member of a National Team in IAU sanctioned events, an arbalist must have in his possession a valid passport from the country of which he is a National Team Member; or if he is to be a Member of another National Team he must have resided in the new country for at least one year and must have the written permission of the member federation, if any, of the country from which he has a valid passport. Nationals of the host federation, who do not have a valid passport, must provide alternative proof of Citizenship or Residency to the satisfaction of the TC.
- 304.2.1 Team officials participating in the Championships must abide by these Rules.
- 304.3 **Guest Competitors:** At **WC** and **RC**, only competitors from Countries that are not yet members of the **IAU** (or Associate Members) may be invited to participate as Guests. Such invitations can only be made by the **IAU Executive Committee**. **Guest competitors may** be individuals or complete teams and are eligible for special awards.
- The Participation of a Guest competitor shall not disadvantage the bona-fide IAU Member Federations whose competitors shall take priority with regard to target availability.
- All Guest competitors shall be assessed for competency, safety and knowledge of these rules to the satisfaction of the IAU Field TC.



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Art. 305 DOPING CONTROL

- 305.1 At IAU sanctioned events, Doping Control will be at the request of the IAU Executive Committee or the host OC. The laboratory and control center facilities performing doping analysis must be approved by the Medical Commission (Doping Control Unit) of the host federation's National Olympic Committee and their guidance accepted through the official channels. The host OC is responsible for meeting the costs of drug testing. The IAU will pay the cost of a new WC or RC anti-doping control for a shooter not in the anti-doping list.

The number of tests to be taken will be specified by the IAU EC. At IAU sanctioned Events WC or RC the winner of each Category and one more Shooter taken by draw from first eight competitors.

- 305.2 Doping: is the use by and/or distribution to a competitor of certain substances which could have the effect of artificially improving the competitor's physical and/or mental condition and thereby enhance his performance as an archer. Doping is forbidden in crossbow shooting whenever shooting for IAU purposes.

Doping substances NOT PERMITTED include drugs on the current list issued by the IOC and published by the IAU, e.g.

This concerns BENZODIAZAPINES either quite different drugs or groups of products which the medical committee of the CIO would be brought to add to the existing list.

- 305.3 Medical Provisions: archer competing in IAU sanctioned events must agree to submit to such medical tests or examinations as may be required by the IAU, by the Organizers of the event or by the laws of the country in which the event takes place.



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305.4 Shooter Declaration: Each participating arbalist will be required to sign a Declaration confirming their awareness of the IAU's prevailing Doping Control regulations and penalties. The form of wording of such Declaration shall be as determined by the IAU Executive Committee (see annex).

Officials' Declaration: The NTM is responsible for each competitor shall be required to countersign all appropriate Shooter Declarations.

305.5 Medical Tests: Any competitor refusing to take the required medical tests or proved to have broken these Doping Control provisions shall be **DISQUALIFIED**. The duration of such disqualification shall be determined by the IAU EC. Any Records or Championship Titles won by such arbalist shall be returned for re-distribution. Accreditation shall be withdrawn from any official found guilty of breaking these rules. Any such occurrences shall be reported to the IAU EC by the federation responsible for the organization of the event.

305.6 Drug Test Results: The host OC shall submit copies of the official Drug Test Results to the Chairman of the Field TC within one (1) month of the Competition.



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Art. 306 COMPETITION ENTRANCE FEES

306.1 At WC and RC the maximum entry fee (inclusive of team, individual and doping control fees) is EUR 100 or equivalent in other currency per competitor. There shall be no additional fee for the Team Competitions.

Where the Competition Program includes an Opening Competition, i.e. single **IR 900** Round or Indoor **IR 600** and **IR 400** round, the **OC** may charge an additional entry fee, provided awards to the value of maximum EUR 50 are received by each competitor in such Competition.

Host Federations seeking to levy higher fees must obtain approval in Writing from the IAU EC, and shall be required to justify such additional fees.

306.1.1 No competitor shall be permitted to take part in any Competition unless the appropriate fee has been received by the OC by not later than the evening before the first day of the Competition.



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Art. 307 COMPETITION INVITATIONS & ENTRY APPLICATIONS

- 307.1 Notification: After sanction by the IAU EC, notification of WC, RC, IC and CE (Art. 301) must be issued by the OC in writing at least six (6) months prior to the Competition. Such notification shall be sent to all member federations of the Field Division (and any others as notified by the IAU EC), Members of the IAU EC and TC, Honorary Members, and shall include:
- a. Name of the Competition
 - b. Place and date of the Competition
 - c. Name and postal address of the OC
 - d. Entry fees for Individuals
 - e. Closing date for entries
 - f. Preliminary accommodation arrangements, and
 - g. Preliminary entry form for Cup Competition
- 307.2 Program: Two (2) months before the Competition, the final program must be sent to the federations taking part. The program must contain the following information:
- a. Detailed shooting program, including practice arrangements
 - b. Time schedule for the Competition
 - c. Provisional list of competitors' names
 - d. List of awards and special prizes, and
 - e. Agenda of any official meeting(s)



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- 307.2.1 The information specified under Art. 307.2 above must also be sent to all recipients of the original notification (Art. 307.1). All such information must be sent to the official contact persons as listed in the current IAU Address list (available from IAU Headquarters).
- 307.3 Entry Applications: National or associate Federations must make application on the forms issued for that purpose (Art. 307.1) to the OC at least three (3) months prior to the Competition date. All applications shall be signed by a duly authorized official of the federation applying.
- It is preferable that such applications be accompanied by the appropriate entrance fees.
- 307.4 The final list of names of competitors in team and individual competitions must be given to the OC, in writing, not later than the evening before the Official Practice Day (Art. 320).

Art. 308 INTERNATIONAL COMPETITION, TITLES AND AWARDS

- 308.1 Team Competition: The team with the highest aggregate score of single IR 900 round shot first day of Competition will be acclaimed:
- At **WC**: World Champion Team
- At **RC**: Regional Champion Team



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308.2 Individual Competition: The competitors (Men/Women/Juniors/Cadets/Senior men, Senior women/Assisted Shooters) with the highest aggregate scores for Double IR 900 round or any Indoor shot one single round per conclusive day plus the final event will be acclaimed:

At WTC: World Champion (Man/Woman/Junior/Cadet/Senior man, Senior woman/Assisted shooter)

At RTC: Regional Champion (Man/Woman/Junior/Cadet/Senior man, Senior woman/Assisted shooter).

See IAU 50m Final Rules (Art. 350).

308.2.1 Junior and Cadet Competition: Competitors in the fewer than 18 age group shall be classed as Cadets. Competitors shall be eligible for such awards provided that they have NOT attained the age of 18 years on the first Competition day. A federation may select competitors in the under 18 age group to compete in the Juniors, Men's or Women's divisions, but not in the Seniors division (Art. 308.2.2). These Competitors shall be classified in the selected Category in individual and Team.

308.2.2 Competitors in the fewer than 23 age group shall be classed as Juniors. Competitors shall be eligible for such awards provided that they have NOT attained the age of 23 years on the first Competition day. A federation may select competitors in the fewer than 23 age group to compete in the Men's or Women's divisions, but not in the Cadets or Seniors divisions (Art. 308.2.2). All Cadets and Juniors must submit proof of age at time of Competition registration. There shall be no distinction between males and females.



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308.2.3 **Senior Competition:**

Competitors having attained the age of fifty (50) on or before the first day of the Competition can be classed as Senior man or Senior woman. All Seniors must submit proof of age at the time of Competition registration.

308.2.4 **Assisted Shooters Competition:**

Competitors, they have such a body disabilities, that are not able to shot without assistance the second person, can be classed as Assisted Shooters

308.3 **Medals:** At WC, and RC the following awards shall be presented in accordance with Arts. 308.1 and 308.2:

Gold Medals: Shall be awarded to the individual Man, Woman, Junior, Cadet, Senior man, Senior woman or Assisted Shooter and also for the Men's Team, Women's Team, Juniors Team, Cadets Team, 2 Seniors Teams or Assisted Team (Art. 303.2) achieving the highest score.

Silver Medals: Shall be awarded to the individual Man, Woman, Junior, Cadet, Senior man, Senior woman or Assisted Shooter and also for the Men's Team, Women's Team, Juniors Team, Cadets Team, 2 Seniors Teams or Assisted Shooters Team (Art. 303.2) achieving the second highest score.

Bronze Medals: Shall be awarded to the individual Man, Woman, Junior, Cadet, Senior man, Senior woman or Assisted Shooter and also for the Men's Team, Women's Team, Juniors Team, Cadets Team, 2 Seniors Teams or Assisted Shooters Team (Art. 303.2) achieving the third highest score.



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- 308.4 Participation Awards: All Competitors and officials shall be presented with a Participation Award to signify their participation in a particular IAU sanctioned Competition. Such awards may bear the emblem of the IAU, host organization and/or Competition logo. The presentation of participation awards is restricted to competitors, judges and IAU officials in attendance. Members of the OC, Scorers and field parties may also receive these awards at the discretion of the OC.
- 308.5 Individual WC and RC medals shall be supplied by the IAU for all categories. The IAU EC will contribute 50% of the cost, the remaining 50% being paid by the OC.
- The cost of team awards, special prizes for the winners of each category and participation medals shall be borne by the OC.

Art. 309 INTERNATIONAL COMPETITION RESULTS

- 309.1 During WC and RC, current lists of results shall be posted where they can be seen by the competitors and the spectators.
- 309.1.1 Before the Medal presentations, a full list of results shall be posted (Art. 336).
- 309.2 At the end of the competitions a copy of the final results list checked and signed by IAU TC Field Chairman must be given to all officials and competitors as quickly as possible but not later than the same day. The results list must cover both Team and Individual results together with details of distance scores (Art. 313.4).



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- 309.3 The organizer has to send the file of the results to the secretary general of the IAU. He has to publish the results daily on the IAU website.

Art. 310 RECORDS

- 310.1 WORLD RECORDS (individual and team) may be established in all recognized IAU Men's, Women's, Junior, Cadets, Senior man, Senior woman and Assisted Shooters Categories in WC, RC, IC and CE which have been conducted in accordance with these Rules.
- 310.2 REGIONAL RECORDS can only be recognized if set at WC, RC, IC or CE provided such events are conducted in accordance with these Rules.
- 310.3 WORLD AND REGIONAL RECORDS will be recognized for the following rounds and distance scores:
- Team Records: IR 900 Round, 18 meters IR 600 Single and Double round, 10 meter IR 400 Single and Double round.
- Individual Records: IR 900 Round, IR 900 Double Round including final event, Indoor 18 meter IR 600 Single and Double Round including final event. 10 m IR 400 Single and Double Round including final event.
- Single Distance Scores: 18m and 10m.
- 310.3.1 Records can only be established in the category in which the competitor is entered, i.e. a Junior competitor can only establish a Junior Record if he is shooting in the Junior category, even though he may have shot a score higher than the existing Men's, Women's, Cadets', Senior man or Senior woman record.



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- 310.4 The scoring shall be conducted in strict compliance with Article 325 of these Rules.
- 310.5 World and Regional Records shall be maintained in a Register revised by the TC. Lists of Records should be distributed to member federations at reasonable intervals.
- 310.5.1 Claims for World Records: The arbalist must submit a claim for a new World Record to the Chairman of the Field TC within one (1) month of the Competition.

Such claim(s) shall be supported by: original score sheet(s) duly signed on the day of the Competition by the arbalist, the DOS and the chairperson of the OC; a copy of the official result list.

Subject to the above provisions being met and the receipt of a NEGATIVE Drug Test report on the arbalist in question (where applicable), the TC Chairman will ratify the record and inform the arbalist and the host federation to that effect, within one (1) month of receipt of the Drug testing result.

Art. 311 INTERNATIONAL JUDGES (IJ)

Refer also to separate publication, “Judges’ Guidelines”.

- 311.1 The selection of three (3) International Judges (IJ) and a DOS (who shall also be an IJ) for WC, RC, IC or CE shall be the responsibility of the TC in conjunction with the OC. The IAU shall endorse all appointments. The IJs and DOS shall be selected from the TC list of approved IJ’s.
- 311.1.1 At IC and CE at least one (1) IJ and a DOS, (who shall be an IJ), shall be appointed.



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- 311.1.2 International Judges' Committee: The Chairman of the Field TC shall automatically be Chairman of the IJC at WC and RC, or as otherwise delegated. Decisions made by the IJC/IJs shall be by simple majority and shall be binding on all parties, save for the provisions of Rights of Appeal contained in Art. 336 and Art. 337.
- 311.1.3 The OC is responsible for paying the costs of travelling and transportation and living expenses for IJ (accommodation) and catering).
- 311.1.4 Uniform: At WC and RC, all IJs shall be dressed in grey trousers/skirt and IAU shirt/blouse (as determined by the TC from time to time), IAU tie for men/women, and will carry official accreditation issued by the TC.

Duties: The **IJ** shall perform the following functions:

- a. Check layout and dimensions of the shooting field as well as the suitability of all associated field equipment on the day prior to the first day of the Competition, and thereafter as necessary.
- b. The Supervise is responsible to control the equipment of all Competitors on the day before the Competition commences for compliance with (Art. 326) and (Art. 327) and during the Competition as necessary.
- c. Check the conduct of the shooting and scoring.
- d. Consult with the DOS on questions which arise regarding the shooting, including the interruption of shooting due to weather conditions, a serious accident or other unforeseen occurrence, and ensure, if at all possible, that each day's program is completed on that day.



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- e. Process any major dispute or appeal which may arise, including determination of the scoring value of bolts lying at the intersection of two scoring zones.
- f. Initial (in red ink) any corrections on score sheets.
- g. The moving forward of the target butts, and check the correct relocation and alignment of the target butts on the appropriate target line (Art. 314.1.3).
- h. Carry out the procedures outlined under Arts. 325 and 328 requiring the involvement of an IJ.
- i. The Supervise and instruct Field Judges as necessary.

311.3 Director of Shooting (DOS): The DOS is responsible for the following duties:

- a. Regulating the timing of ends and controlling the shooting with a whistle or other suitable audible device, and controlling the actions of all competitors as defined in Art. 321.
- b. Controlling the regulation of the Visual Time Control Signals (VTCS).
- c. Instituting and enforcing whatever safety measures are considered necessary, exercising control over public address systems, the activity of photographers, the public and generally maintaining order.
- d. Ensuring the observance of the appropriate Time Limit for the shooting of an end of three (3) bolts and to ensure that all bolts have been drawn from the butts before shooting the next end.
- e. In liaison with the IJ, interrupt the shooting as necessary for reasons of safety or any other reason.
- f. One of the international judges should control the processing of the results of the competition.



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Art. 312 FIELD JUDGES (FJ)

Refer also to separate publication, “**Judges’ Guidelines**”.

- 312.1 The Field Judges (FJ) for WC, RC, IC and CE shall be selected by the OC from the TC list of approved FJs.
 - 312.1.1 FJs shall be appointed in the ratio of one (1) FJ for every twenty-four (24) competitors or part thereof. FJs shall be under the control of the IJC.
 - 312.1.2 Field Judges shall not participate in the shooting.
 - 312.1.9 At WC and RC all Field Judges should preferably be dressed in grey lower garment with a red upper garment or tabard. Notwithstanding, all FJ should be similarly attired.
- 312.2. The Field Judges are responsible for the following duties:
 - a. The replacement of worn target faces or butt.
 - b. The supervision and timing for competitors who have made essential equipment repairs.
 - c. The settling of minor disputes and generally assisting the DOS.
 - d. The supervision of the moving forward of the target butts after the completion of each distance, and the correct relocation of the target butts on the appropriate Target Line under the supervision of the IJ.
 - e. Initial any corrections on score sheets.



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Art. 313 OFFICIAL SCORERS, RESULTS AND SCOREBOARDS

313.1 At WC and RC sanctioned by the IAU, unless other provisions have been approved by the Field TC Chairman, independent Scorers can be appointed. One (1) scorer shall to be appointed for every four (4) competitors. Such Scorers shall be selected the OC and shall not participate in the shooting. If no scorers on WC and RC sanctioned by the IAU, the shooters may do the scoring. The first Shooter from group of four Shooters is responsible scoring the first distance, the second the second distance and the third the third distance of the IR 900 Round.

313.2 The duties of the Scorers are as follows:

- a. Each Scorer shall be allocated four (4) adjacent targets (i.e. Competitors). Scoring shall commence with the left hand target of the allocation and proceed to the right.
- b. The Scorers shall carry out their duties under the supervision of the IJs. Any query or dispute over the scoring shall be referred to the IJC who will make the final decision.
- c. Scoring values shall be entered on the official Score Sheets in descending order of value for each bolt as called out by the competitor to whom the bolts belong. The other three (3) arbalist within the Scorer's allocation shall check the value of each bolt called and also check that the corresponding entry has been entered on the appropriate Score Sheet.
- d. It is **PROHIBITED** for a Scorer to score the target of a relative.
- e. Scorer allocations shall be rotated after the completion of each distance.



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313.3 Scoreboard: After each end, the progressive totals of at least the first eight (8) competitors in each division as Men's, Women's, Juniors', Cadets', Seniors' and Assisted Shooters' shall be recorded on a large scoreboard (Art. 314.1.11) visible to the competitors and to the public.

313.4 At the completion of the day's shooting, the OC shall publish the score of each competitor for each of the distances as well as the final total achieved. At the end of the Competition the OC shall publish not only that day's results but the aggregate score of each competitor.

The OC shall also compute the result for each National Team. These results duly authenticated by the OC, shall be distributed to:

- a. Members of the IAU EC present
- b. International Judges
- c. The Director of Shooting
- d. Team Managers
- e. The Press

313.5 Independent Scorers shall:

- a. be under the control of a Chief Scorer. The Chief Scorer shall not take part in the actual scoring but shall be responsible for ensuring the conduct and operation of the Scorers.
- b. all is dressed in an official uniform, preferably white lower garments with a yellow colored upper garment. Such clothing may bear sponsors' insignia, provided that the provisions of the IOC in regard to commercial advertising are adhered to.



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- c. in keeping with the importance and spectacle of IAU sanctioned championships; march on and off the field at the commencement and cessation of scoring each end.

313.6 Scoring for Final Event: Refer Finals Rules Art. 350.

Art. 314 OUTDOOR FIELD LAYOUT

314.1 At WC and RC the size of the shooting field shall be determined by the number of competitors, i.e. the number of targets.

Note: Where shooting is restricted to the field area of a sports stadium the maximum number of targets (competitors) which can be accommodated is 120 for planning purposes.

All competitors shall shoot on the same field (Men, Women, Juniors, Cadets, Senior man, Senior woman and Assisted Shooters) at targets placed at distances specified in (Art. 318.1).

314.1.1 The Range shall be squared-off and each distance accurately measured from a point vertically below the center of the “Gold” of each target to the Shooting Line. Distances shall be within ± 10 cm of the absolute distances specified in Art. 318.1.

314.1.2 Lines shall be marked on the field in whitewash or by means of white marking tapes as follows: Target Lines at each distance, a Shooting Line, a Waiting Line. Shooting lanes shall be marked at 90 degrees to the Shooting and Target Lines. Lanes shall be a minimum of 6 meters apart.



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314.1.3 Target Butts shall be set up on the appropriate Target Line on stands at an angle of between 10 and 15 degrees to the vertical, provided that all stands are set at the same angle. The center of the 10-ring (“Gold”) shall be $130\text{ cm} \pm 5\text{ cm}$ above the ground. Any portion of a butt which may damage bolt shall be covered.

Layout A: Where shooting takes place in one (1) relay on single butts (one target face) the minimum distance between the center of butts shall be 1,5 meter i.e. maximum 4 single butts per shooting lane.

Layout B: Where shooting takes place in two (2) relays on double butts (two target faces) the minimum distance between the center of butts shall be

1,5 meter, i.e. maximum 4 double butts per shooting lane. Layout B may also be used for one (1) relay provided that only two (2) double butts be used to each six (6) meter lane.

Refer to Figure 314-1.

314.1.4 For the 35 meter distance the height of the two lower centers of each set of Three spot Faces (Art. 317.1.1) shall be $121\text{ cm} \pm 5\text{ cm}$ above the ground.

314.1.5 Each target shall be numbered. Target Numbers (Art. 316.3) may be affixed above the center of each target face (but must be clear of the target face).

314.1.6 Each butt shall carry a Wind Indicator Flag. The flags shall be placed 40 cm above either the center of the butt or the top of the target number board (as per Figure 314-1). Wind Indicator Flags shall be as specified Figure 316-1, the weight being approximately of 150 g/m².



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- 314.1.7 Points on the Shooting Line directly opposite the center of each butt shall be marked and numbered correspondingly.
- 314.1.8 At WC and RC, VTCS shall be located on both sides of the Shooting Field (a third signal may be placed in the center of the field if necessary) in such a way that the VTCS can be seen by all the competitors on the Shooting Line. Signals (Art. 316.5) shall be placed in a clear lane (provided for the purpose) at a distance of 35 m in front of the Shooting Line.
- 314.1.9 At WC and RC, the Shooting Line shall be fixed and buttresses shall be moved forward for each distance.
- 314.1.10 Suitable Barriers shall be erected around the field to keep spectators out of the danger area. Such barriers should be at least ten (10) meters behind the Waiting Line and at least sixty (60) meters beyond the Target Base Line. Barriers should be so placed as to prevent spectators from moving past a competitor's line of vision while on the Shooting Line. Barriers along the sides of the shooting area must be at least twenty (20) meters beyond the ends of the Target, Shooting and Waiting Lines.
- 314.1.11 At WC and RC, a large Scoreboard (Leader Board) shall be placed so that it is visible both to competitors and spectators (Art. 313.3).



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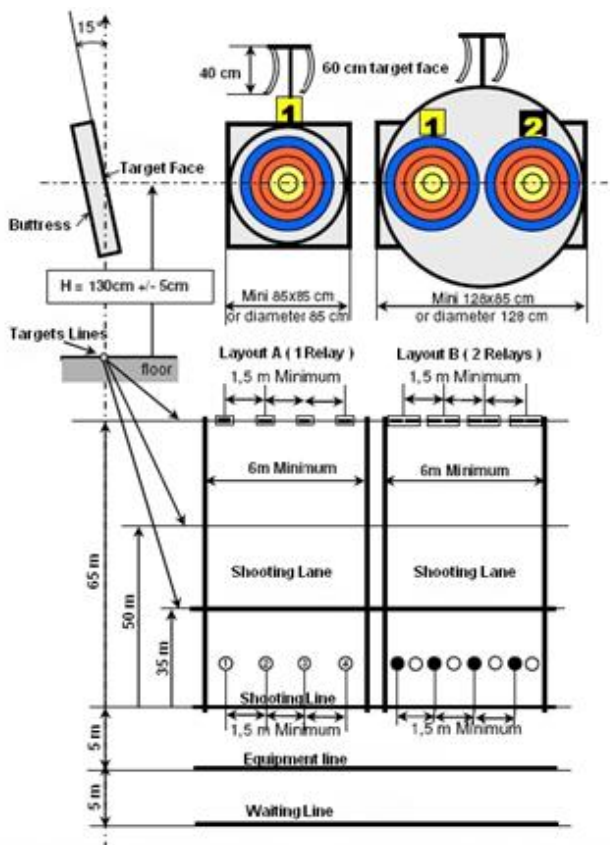


Figure 314.1: Field Layout (Refer to Art. 314)

314.1.12 At WC and RC seating, and if possible, appropriate shelter, shall be provided behind the waiting line for all competitors and officials.



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- 314.1.13 An elevated chair or platform shall be provide for the DOS positioned between the Shooting and Waiting lines so that the DOS has an unobstructed view along the Shooting and Waiting Lines. This position should be if possible in the center of the Competition Field. Refer also to **“Guidelines for Organizers of World & Regional Championships”**.
- 314.2 WC, RC, IC and CE Venue, Equipment and Facilities:
- 314.2.1 At all IAU sanctioned WC, RC, IC or CE, the tournament grounds shall be clearly divided between:
- a. The Shooting Field
 - b. The Practice Field (if separate practice facilities are provided)
 - c. The Spectator and amenities area(s)
- The spectator area must be clearly defined by barriers.
- 314.2.2 WC, RC, IC or CE, sanctioned by the IAU must take place on an open field, arena or stadium.
- 314.2.3 Adequate Toilet facilities for Men and Women respectively shall be provided within reasonable distance of the Shooting Field.
- 314.2.4 At WC and RC, an area with seating accommodation and weather protection for the use of IAU Executives, Team Officials and Official Guests should be sited in a prominent position in the spectator area. In the vicinity of this main stand flag poles for the flag of the IAU and of the Host Federation shall be erected together with either enough flag poles for all competing countries, or a ground-mounted stand to display all national flags of the competing federations.



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- 314.2.5 At WC, RC, IC and CE the OC shall provide a Podium which is to be erected in front of the main stand for the awards ceremony. The central step shall be 60 cm high, and the other two steps 30 cm high. All steps shall be wide enough to accommodate all the members of each of the place-getting teams.
- 314.2.6 At WC and RC the OC shall make two (2) rooms or adequate temporary shelter available to the IAU Executive, the IJ and FJ.
- 314.2.7 At WC and RC, a public address system shall be available. It is recommended that IJ, FJ, and DOS be provided with suitable 2-way Radio Equipment to make communication more effective.
- 314.2.8 OC should provide a room with internet access for the press.
- 314.2.9 The OC must make available suitable doping control facilities, as may be required by the host nation's authorities.
- 314.3 The direction of shooting shall be within ± 20 degrees of North in the Northern Hemisphere and the reverse in the Southern hemisphere.
- 314.4 Layout of Final Event: Refer to Final Rules Art. 350.11

Art.315 INDOOR LAYOUT

- 315.1 Three-Spot Target Faces: The use of three (3) separate target faces (i.e. one (1) shot per face) is permitted.
- 25 cm 3-spot full ring target faces must be used at the 18 meters indoor distance (see 315.1.1).
- Dimension "A" for 25 cm full 10 ring face = 260mm
- Dimension "B" for 25 cm full 10 ring face = 260mm
- 315.1.1 Butts may be set up at any angle between vertical and 10 degrees away from the direction of shooting. All butts must be similarly aligned.



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- 315.2 Range markings are similar to the outdoor field layout (Art. 314.1.2). The waiting Line may if space does not permit be omitted.
- 315.3 In all other respects these Rules shall apply.
- 315.4 Illumination of Target Faces: whether natural or artificial, its effect on the target faces is important. Every effort should be made to minimize bolt shadows.
- 315.5 The distances from the floor to the bottom two 10-ring (“Gold”) centers of each three spot face shall be 121 ± 5 cm. See next page.



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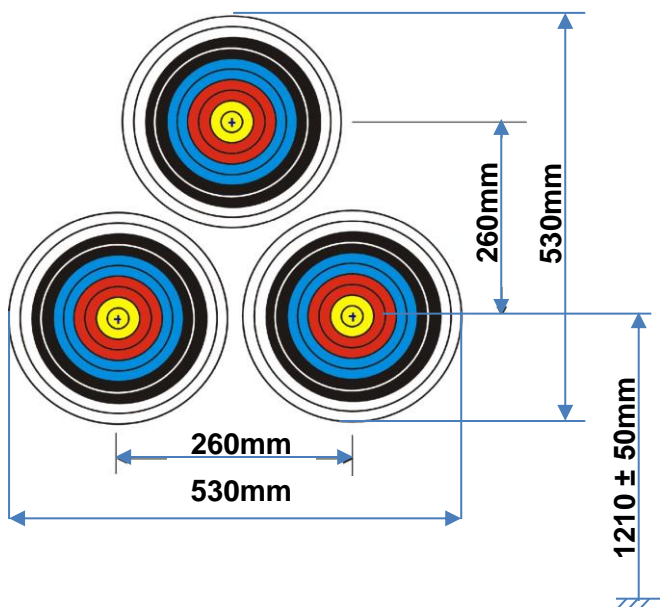


Fig 315.1.1: Indoor 18 m: 25 cm full ring 3-spot Target Face

Ring Ø	Color	
10 = 25 mm Ø	gold	from ground to the center
9 = 50 mm Ø	gold	of lower pair of “gold’s”
8 = 75 mm Ø	red	
7 = 100 mm Ø	red	
6 = 125 mm Ø	blue	3 = 200 mm Ø black
5 = 150 mm Ø	blue	2 = 225 mm Ø white
4 = 175 mm Ø	black	1 = 250 mm Ø white



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- 315.6 Safety Precautions: Safety precautions behind the targets call for special attention i.e. the provision of special backstop netting.



Fig 314. 2: 60 cm Target Face for Outdoor 65 m / 50 m / Final 50 m

Ring Ø	Color
10 = 60 mm Ø	gold
9 = 120 mm Ø	gold
8 = 180 mm Ø	red
7 = 240 mm Ø	red
6 = 300 mm Ø	blue
5 = 360 mm Ø	blue
4 = 420 mm Ø	black
3 = 480 mm Ø	black
2 = 540 mm Ø	white
1 = 600 mm Ø	white



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Art. 316 FIELD EQUIPMENT SPECIFICATIONS

- 316.1 Target Butts: Shall be so designed as to effectively stop bolts without pass-through and without causing undue damage to bolts.
- 316.1.1 Outdoor Butts: May be either round or square with a side length or diameter between 80 and 128 cm.
- 316.1.2 Indoor Butts: May be either round or square with a side length or diameter between 80 and 128cm, or a continuous wall of appropriate material.
- 316.2 Butt Stands: shall be so designed as to ensure that the center of the butt is 130 cm (± 5 cm) from the ground and be capable of supporting the butt at an angle of between 10 and 15 degrees from the vertical.
- 316.2.1 Stands shall be securely pegged-down with butts being secured to the stands so as not to be blown over by wind gusts.
- 316.3 Butt (Target) Numbers: Shall be 30 cm square and shall be black on a yellow background alternating with yellow figures on a black background (e.g. N° 1 black on yellow, N° 2 yellow on black). Numbers shall be affixed in accordance with Art. 314.1.5. A point on the shooting line directly opposite each butt shall be marked and numbered corresponding to that butt. Such points shall be located in the ground 2 meters in front of the shooting line facing the competitors. For indoor competitions these numbers will be placed 1 meter in front of the competitor and taped to the floor.



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- 316.4 Wind Indicator Flags: shall be made from any light colored material (such as yellow) which contrasts with the general background behind butts, and shall be suspended from a 'T'-Pole placed over the center of each outdoor butt in accordance with (Art. 314.1.6). The dimensions of such wind indicator flags shall be specified in Figure 316.1, the weigh being approximately 150 g/m².
- 316.5 Visual Time Control System (WTCS): At WC. RC. IC and CE one of the following visual time control system shall be employed.
- 316.5.1 Time Control Plates: The plates must not be less than 120 cm by 60 cm in size. They must be securely mounted to resist any wind and must be easy to turn quickly to show either side. One side of the plate shall be striped with 20-20 cm wide stripes, alternative in black and yellow. The strips shall be at an angle of about 45 degrees to the ground. The reverse side shall be solid yellow.
- 316.5.2 Time Control Lights: The colors shall be RED, AMBER (YELLOW) and GREEN in that order with RED the uppermost color. Lights located on the shooting field must be synchronized and at no time shall two (2) different colors be shown at the same time. Lights may be linked with an acoustic signal (whistle, siren or hotter) to operate electronically, but also must be able to be manually overridden as and when the need arises. Back-up manual time control devices (plates) as per Art. 316.5.1 shall also be available in case of electrical power failure or malfunction. Refer Art. 321.2.2 for signal hierarchy.



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316.5.3 Clock Control: Digital clocks shall have figures (displays) not smaller than 30 cm in height and must be readable from a distance of 180 meters. They must incorporate facilities to be stopped and reset and shall operate on the count-down principle. Alternatively, analogue clocks may be used with circular and a single clockwise moving hand. The faces shall be painted with Red, Green and Amber colored sectors. The time for the clock to describe one full revolution shall be three (3) minutes and twenty (20) seconds, with each color being swept for the following times:

RED	20 seconds
GREEN	2minutes 30 seconds
AMBER	30 seconds

The junction of the **RED and GREEN** shall be at the 12 o'clock position. The clock shall be clearly readable from a distance of 180 meters. Back-up manual time control plates shall be available in case of clock failure.

316.5.4 Time Control Devices shall be set out in accordance with (Art. 314.1.8).

316.5.5 In the event of a difference between the visual signal and the audible, the **AUDIBLE** signal shall take precedence. Refer to **SAFETY** (Art. 332.3).



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- 316.6 Miscellaneous Equipment: The following equipment is mandatory at WC or RC and is recommended in relation to importance of other competitions.

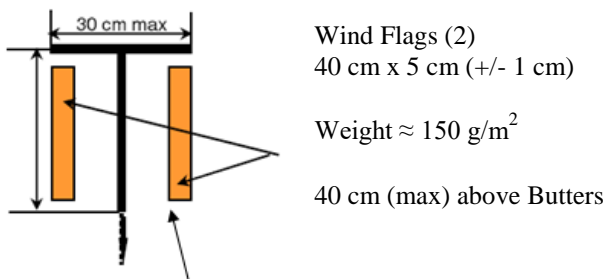


Figure16.1:Wind Indicator Flag Specification (Refer to Art. 316.4)

- 316.6.1 A-B Boards: Where shooting takes place in two (2) relays, a device to indicate the order of shooting: A-B; B-A; A-B, etc. The letters shall be large enough to be read by all competitors from their shooting positions. Two or more such devices may be needed. The background size shall be no less than 60 cm x 60 cm and the letters shall be no less than 40 cm high with alternating colors black and yellow, i.e. the “A” should be yellow on black and the “B” should be black on yellow.



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316.6.2 Signal Flags: Red colored hand flags shall be provided for each target such that competitors at the target and competitors at the shooting line can signal for a Judge in the event of a dispute or equipment failure, respectively. Two (2) such flags shall be provided per target. The flags should be at least 40 cm long x 25 cm high, secured to a suitable handle.

316.6.2.1 Field Equipment Specifications for Final Event: Refer to Finals Rules Art. 350.

Art. 317 TARGET FACES

317.1 There shall be four (4) sizes of circular Target Faces for International Target Crossbow shooting as follows:

Outdoor competitions: 60 cm diameter full ring and 40 cm reduced three (3) spot.

Indoor Competition: 25 cm full ring or 40 cm reduced 3 spot.

These faces are divided into five (5) concentric color zones from the center outwards as follows: GOLD (Yellow), RED, LIGHT BLUE, BLACK and WHITE. Each color in turn is divided by a thin line into two (2) zones of equal width thus making ten (10) scoring zones of equal width, measured from center of the Gold. The width of each scoring zone shall be as follows:

3 cm wide on the 60 cm target face,

2 cm wide on the 40 cm target face, and

1, 25 cm wide on the 25 cm target face

The exact center of the face is termed the “pin-hole” and shall be indicated with a small cross (+), the lines of which shall be no larger than 2mm.



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317.1.1 At WC, RC, IC and CE recognized by the IAU, 40 cm³-spot reduced faces must be used at the 35m distance. Such faces shall have the 5 to 1 lower scoring rings removed. The lowest scoring zone is therefore 6 and it is black. Each “set” consists of three small faces on a white background arranged symmetrically in a triangular pattern (see Figure 317.1.1). The centers of the two lower gold’s shall be 210 mm distant from each other and the center of higher Gold is 190 mm higher than the line of two lower Gold’s. The distance from the ground to the centers of the lower pair of Gold’s shall be 121 cm (± 5 cm).

At Indoor WC and RC three (3) spot faces must be used at 18 m the center of the bottom Gold’s shall be 121 ± 5 cm from the floor (see Art. 315.1).

317.1.2 Tolerance (scoring zone diameters):

60cm target face ± 1 mm:

40 cm target face ± 1 mm

25 cm target face ± 0.5 mm

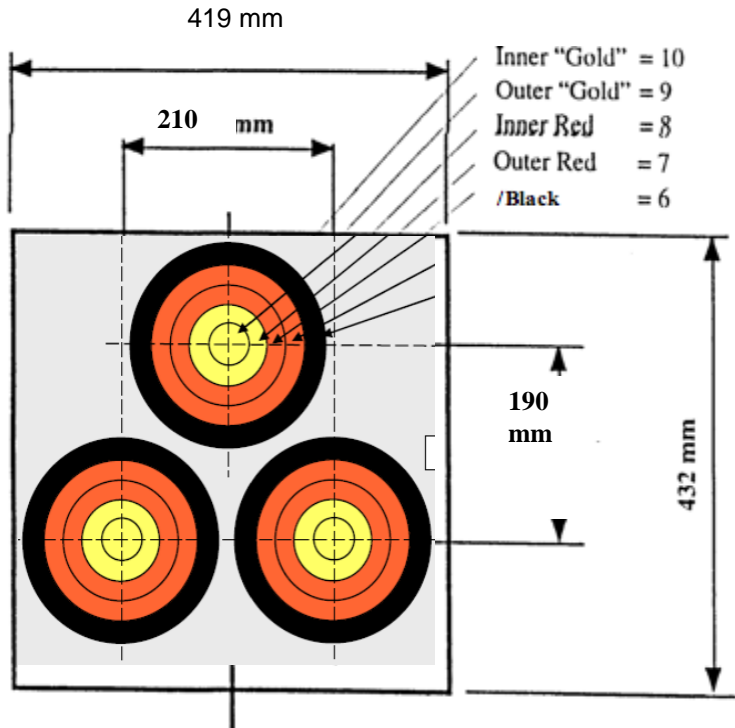
Measured over the outside of the dividing line between zones.

317.1.3 Zone dividing lines shall not exceed 2 mm in width and shall lie entirely within the higher scoring zones.



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121 cm \pm 5cm from ground to center of lower pair of "Gold's"



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Figure 317.1.1: 40 cm 3-Spot Target Faces



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317.1.4 Target Face color Specifications shall be in accordance with the following Munsell color notations:

Gold	5Y8/12
Red	8.3 R3.9/13.5
Light blue	5 B 6/8
Black	N 2
White	N 9

317.1.5 Target Face Material: Target faces shall be made from non-reflecting paper, reinforced to prevent premature tearing. All faces shall be uniform and made from the same material. Printing shall be non-reflecting.

317.2 Scoring Values for:

Gold (Yellow)	Inner zone 10, outer zone 9
Red	Inner zone 8, outer zone 7
Light blue	Inner zone 6, outer zone 5
Black	Inner zone 4, outer zone 3
White	Inner zone 2, outer zone 1

317.3 Official Faces: Only those target faces as licensed for use by FITA shall be used. (This does not apply to the 25 cm).



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Art. 318 INTERNATIONAL TARGET ROUNDS

318.1 On WC, RC, IC and CE sanctioned by the IAU, only the outdoor IR1800 and IAU shall be shot. Round IR 1800 shall be shot over two (2) days of Competition for three distances: 65m, 50m, 35 m and final shooting shall be shot on third day in accordance with article 350.

318.1.1 Round IR 1800 shall be shot only on two days on distance 65m, 50m and 35m this way:

Day “one” begins on distance 65m, then on 50m and ends on 35m. The 65 m and 50m shall be shot on 60 cm diameter target face and 35m is using three spot reduced target face 40 cm. The results of the first day (all three distances) determines Team Results (Art. 303.2).

Two (2) ends of three (3) sighter bolts are permitted at the commencement of all distances (i.e. the 65m distance, 50 m distance and 35 m distance) in 5 minutes. Such sighter ends shall not be scored. Sighters shall be shot in accordance with (Art. 323).

Day “two” begins on distance 35m, then on 50m and ends on 65m. Two (2) ends of three (3) sighter bolts in five minutes are permitted at the commencement of the all distances. Such sighter ends shall not be scored.

Results IR 1800 after two (2) days determines the qualification on finale of individuals according to article 350.

Third day WC, RC, IC and EC shall be shot finale according the article 350 and determines a winner in individual categories in Round IR 1800.



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318.2.1 Indoor IR 1200 (2 x IR 600) round shall consist of 60 Bolts at 18m using 25 cm Face. Highest possible score are 1200 points.

Two (2) ends of three (3) sighter bolts are permitted at the commencement of the Competition; such sighter ends shall not be scored.

Sighters shall be shot in accordance with (Art. 323).

318.4 Indoor Rounds:

The following indoor rounds may be used for the purposes of IAU sanctioned Indoor Competitions (Art. 301.5) and International Target Crossbow Mail Matches.

Note: Such mail scores shall not be recognized as WC or RC Records.

318.4.1 IAU 18 m 600 Rounds:

60 Competition bolts from 18m using 25 cm full range face.

Possible score 600 points. The scoring for all indoor distances is according the Art. 318.4.4 Three (3) bolts shall be shot per end.

At the beginning of a round, two (2) ends of three (3) sighter bolts shall be permitted. Such sighter bolts shall not be scored.

318.4.3 IAU 10 m 400 Rounds:

40 Competition bolts from 10 m using a 25 cm target face.

Possible score 400 points. Four (4) bolts shall be shot per end (Time allowed three (3) minutes), each bolt at a separate 25 cm face. At the beginning of a round, two (2) ends of four (4) sighter bolts shall be permitted. Such sighter bolts shall not be scored.



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- 318.4.3.1 25 cm faces may be arranged in two (2) lines (i.e. four (4) per buttress) so that the 10-ring (“Gold”) center are 100 cm and 160 cm above the floor respectively. All 10-ring (“Gold”) center heights shall be within +/- 2 cm of the nominal heights.
- 318.4.4 Special 10 and 18m scoring: A bolt which touches the dividing between two scoring zones will count as the lower value, i.e. to score 10 points, a bolt must lie fully inside the 10 zone without touching the 10 ring. See figure 318.4.4.

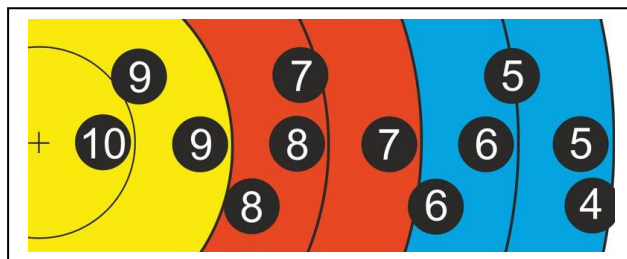


Figure 318.4.4: Scoring Indoor-disciplines



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Art. 319 TARGET ASSIGNMENT AND COMPETITOR NUMBERS

319. 1 Target Numbers: At WC, RC, IC and CE sanctioned by the IAU, the assignment of Target Numbers shall be the responsibility of the OC. One Arbalist shall be assigned to each target face.

319.2 First Round Seeding:

The random allocation of competitors to shooting line must be done under the supervision of the Chairman of the IAU Technical Committee with a computer program designed for this purpose or by the drawing of lots.

Individual competitors and teams (nations) should be able to shoot under conditions that are as near to equal as possible;

Competitors from the same nation should not be allocated adjacent on the Shooting line.

319.2. 1 The Shooting line is covered in order by Men, followed by Women, Assisted Shooters, Juniors, Cadets, Senior men, Senior woman, Guests. Within these groups, there will be a draw for the order of teams, then the competitors from teams will be positioned according to the following principle: 1-a1, 2-b1, 3-c1, 4-d1, 5-e1, ... 6-a2, 7-b2, 8-c2, 9-d2, 10-e2, ... 11-a3, 12-b3, 13-c3, 14-d3, 15-e3 (example for 5 teams; a- first member of the team, b- second member of the team, c- third member of the team), and there will be another draw for the remaining firing positions among the remaining competitors from the individual competition.

The Chairman of Technical Committee will prepare for Team leaders meeting three different Start lists prepared on this way and there will be draw one list for a competition.



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- 319.2.2 The assignment of Guest Competitors (Art. 304.3) shall take place only after all competitors from Member Federation have received target allocations i.e. Guest Competitors shall be assigned to the remaining targets.
- 319.3 The OC shall notify in writing members of the IAU Executive present, IJs, FJs, the DOS and NTMs, the target allocations immediately after the draw has been completed. Any individual competitor not represented by a NTM will be notified of their target allocation, in person, by the OC. A list of target allocations shall be placed on display by the OC, for the spectators and members of the Press.
- 319.3.1 Official Communication: The OC shall provide suitable labelled pigeon holes or trays, one for each IAU official, IJ and participating federation. These shall be located within easy access of the shooting field.
- 319.4 Competitor Numbers: The OC shall issue all competitors with Competitor numbers, such that they may be visible from a distance of at least 50 meters. Minimum size shall be 300 x 250 mm with numbers at least 150 mm high. Such competitor numbers may carry sponsor logos. Refer to Art. 330.4 And Art. 330.6.
- 319.4.1 Arbalist shall wear their Competitor Number on the middle of the back, in such a manner as to be visible at all times while shooting is in progress (Art. 330.4).
- 319.5 Second Day Target Assignment: Target assignments for the second day of Competition shall be allocated according to the individual competitor's position after the first IR 900 Round has been completed in order by men, followed by women, assisted shooters, senior men, senior woman and guests. The highest scoring competitor shall be re-assigned to N° 1 target, the second highest scoring competitor to N° 2 target and so on until all competitors have been re-assigned.



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- 319.6 Equal Shooting Conditions: Shooting conditions in terms of the condition of the ground surface, visual distraction, noise, climatic condition, light, etc. shall be uniform for all competitors, as far as is reasonably possible.
- 319.6.1 For outdoor competition in case that the ground on shooting line needs an adjustment for standing position, it shall be adjusted but no holes or footprints by using hammer, shovel or other equipment are accepted.
- 319.6.2 For indoor competition, in case of slippery ground, the organizer must give a carpet or a piece of carpet for every competitors.
- 319.6.3 It is not permitted to put any substance under the sole or on the floor of the shooting post to gain an unfair advantage, or to wipe the shooting range without permission.
- 319.6.4 The use of any special devices, including the use of elastic bandages, medical taping, studs increasing artificially the performance is forbidden.
- 319.6.5 It is not permitted to place non-removable tape or draw lines with permanent marker on the floor.



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Art. 320 PRACTICE

320.1 Use of Competition Field: At WC, RC, IC and CE sanctioned by the IAU, the Competition field may be used by the competitors for practice prior to the days of the Competition in accordance with the times announced in the Program (Art. 307.2).

Where the Competition field is not available for practice, the OC shall provide suitable facilities as detailed in Art. 314.2.1.

320.1.1 Practice Field: At WC and RC, the OC shall make practice facilities available at least two (2) days before the Official Practice Day. Such practice facilities if possible shall be the Competition field, or be located on a separate field adjacent to the main Competition field.

A number of targets equal to two thirds the number of confirmed entries should set out on the Practice Field. Such practice facilities are to be announced in the Program (Art. 307.2).

320.1.2 Practice Field Captain (FC): Shall at all times be in charge of practice sessions. The FC shall be solely responsible for the conduct of shooting.

It is suggested that a fixed period of time (e.g. 5 minutes) be allocated for shooting and that there shall be no limit to the number of bolts which can be shot within this time limit.

320.1.3 Control of Practice: All competitors shall move forward together to collect their bolts, irrespective of the distance being shot. No arbalist shall shoot during this time, nor collect bolts at any other time.

The FC may bar from the practice session any arbalist contravening this rule.



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320.1.4 Allocation of Butts for Unofficial Practice: On Unofficial Practice days, the butts shall be set out at distances of 65, 50 and 35m in proportion according to the direction of the FC. Competitors desirous of changing the butt allocation shall negotiate with the FC. Any Change in the distance at which targets are set shall be regulated by the FC, who may ask practicing arbalist to assist in moving and re-arranging targets.

320.2 Conduct of Official Practice: Official Practice shall take place on the tournament field in accordance with the details set out in the Program (Art. 307.2). In that the regulation of ends (visual time control) under the control of the DOS shall be employed. Members of the IJC shall be present to observe the conduct of the shooting and, in liaison with the NTMs, advice competitors over matters of procedure. The OC shall arrange for a sufficient number of FJs (Art. 312.2.c) to be in attendance to assist the DOS in the running of the practice session.

Official Practice Butt Allocation: each competitor shall use target assigned to him/her for the Competition (Art. 319.2.2).

320.2. 1 Official Practice Day Field Layout: All butts shall be set at 35m to begin Official Practice, then moved to 50m, and finishing the session at 65m for all arbalists.

320.2.2 Official Practice Timetable: To timetable shall be submitted to the IJC for approval no later than twenty four (24) hours before the start of Official Practice:

Recommended timings:

09:00 -10:30	35m practice
11:00 -12:00	50m practice
12:00 -13:00	Lunchbreak
13:30 -15:30	65m practice



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Practice (shooting) on the tournament field or the practice field between the official start and finish times on the days of competition is NOT PERMITTED.

320.3.1 Test Butt: For the purpose of testing a crossbow which has undergone essential repairs, a target butt shall be set out at a maximum distance of 20m in an area separated from the tournament field. The use of such facilities shall be under the supervision of a TC Member or Judge.

320.4 Practice of the Shooting Stance: On days of Competition before the Competition starts and during the intervals between distances, competitors may practice only the shooting position and sighting, without cocking/spanning/loading their crossbows. Such practice may only take place on the shooting line and in the direction of the competitor's allocated target.

NO AIMING "Dry – Firing" exercises are permitted if personnel are in front of the Shooting Line (Art. 332.1.1).

In the event that a bolt is shot during such practice, the bolt shall count towards the next scoring end shot. The scorer shall make a note to this effect on the score sheet, the highest scoring bolt for the next scoring end shall be forfeited. The arbalist concerned shall be cautioned by a Judge. An arbalist repeating this offence may be barred from the day's Competition. See (Art. 335.2).

Art. 321 TIME CONTROL AND SIGNALS

321.1 Arbalists shall shoot their bolts in ends of three (3) shots under the control of the DOS. The order of shooting shall be as follows:



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- 321.1.1 One Relay: When shooting takes place in one (1) relay, all arbalists shall go to the shooting line together.
- 321.1.2 Two Relays: When shooting takes place in two (2) relays, arbalists shall shoot one at a time on each target as follows:
- During Sighters: A-B, A-B
- Competition shots: A - B, B - A, A - B, etc.
- 321.1.3 Designation of As and Bs: Those competitors shooting on odd numbered targets shall be the “As” and those shooting on even numbered targets shall be the “Bs”, when shooting is conducted in two (2) relays.
- 321.2 Timing Sequence (Competition Shots): The timing of ends shall be regulated as follows:
- Three (3) minutes shall be the Time Limit allowed for an arbalist to shoot an end of three (3) scoring bolts.
 - The acoustic signals (Art. 321.3) shall be supplemented by a visual warning 30 seconds before the expiry of the three (3) minute period.
 - Twenty (20) seconds shall be allowed for the arbalists to take their position on the line prior to the commencement of shooting.
- Time Limit for Indoor Competition:
- Two (2) minutes shall be the Time Limit allowed for an arbalist to shoot an end of three (3) scoring bolts.
 - Three (3) minutes shall be the Time limit allowed for an arbalist to shoot an end of four (4) scoring bolts. Refer Art. 321.2.2.



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321.2.1 Timing Sequence (Sighting Shots): The timing sequence shall be extended to allow the competitors five (5) minutes to shoot two ends of three (3) sighting shots at the commencement of each Competition distance (Art. 323). Refer to Final Rules Art. 350.

321.2.2 Control of Time Limits: The acoustic signals shall take priority over visual signals in the control of time limits.

Refer to SAFETY (Art. 332.3).

Note: The reason for giving the acoustic signals precedence is for safety reason, particularly since not all shooters can see the visual signals when sighting. Arbalist with hearing deficiency can be warned by local people in the event of an emergency.

321.2.3 End Re-Start Time (Single Relay): Where shooting takes place in one (1) relay, the DOS shall allow a minimum of 40 seconds to elapse from the time the last competitor has retired behind the shooting line after the collection of bolts, prior to re-starting the timing sequence (Art. 321.2).

321.2.4 Illegal Shots: The maximum time permitted for an arbalist to shoot an end of three bolts shall be three minutes (except during sighter ends - Art. 323). Any arbalist shooting a bolt before the signal or after time signal denoting such time limits, shall forfeit the highest scoring bolt of that next scoring end.

The arbalist concerned shall be cautioned by an IJ. An arbalist repeating this offence may be barred from the day's Competition. Refer Art. 335.2.



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321.3 Acoustic Control Signals: The following Acoustic Control Signals (whistle, or other suitable audible device) shall be used in conjunction with one of the visual systems outlined in (Art. 321.4).

The following acoustic signals ca. two (2) seconds) shall be used:

- Two sound signals: Calls designated arbalist to the shooting line.
 - One sound signal: For arbalist to commence shooting.
 - Two sound signals: For arbalist to cease shooting and Change relays.
 - Three sound signals: Move forward, score and collect bolts.
- Short sound signal (maximum one (1) second): End of shooting.
- A serie of sound signals, four (4) or more, indicates Danger – all shooting must cease immediately.
 - The signal to resume shooting shall be ONE (1) sound signal.

321.4 Visual Time Control Systems (VTCS): At WC, RC, IC or CE sanctioned by the IAU, the acoustic signals shall be supplemented by one or more of the following VTCS (Art. 316.5):

- a. Time control lights
- b. Time control plates
- c. Clock control



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- 321.5 Time Control Plates: When shooting is controlled by plates the yellow and black striped side shall be turned towards the arbalists as a signal of Warning that only 30 seconds of the three (3) minute time limit remains. The solid yellow side of the plates shall be turned towards the arbalists at all other times.
- 321.6 Time Control Lights: When shooting is controlled by lights: the following signal sequence shall be followed:
- a. With red indicated, the DOS shall sound two (2) acoustic signals to summon the designated competitors to the Shooting Line.
 - b. Twenty (20) seconds later the lights shall be changed to green and one (1) acoustic signal given for the shooting to commence.
 - c. After two and a half (2 ½) minutes, the lights shall be changed to amber (yellow), warning competitors that they are within the last thirty (30) seconds of the time allowed for an end of three (3) bolts.
 - d. After three (3) minutes, the lights shall indicated red and two (2) or three (3) acoustic Signals given to end Shooting, as appropriate.
- 321.7 Clock Control : When timing is controlled by clocks, the procedure is the same as required for lights, as per Art. 321.6.
- 321.8 Whenever the Shooting Line is vacated by the arbalist having shot their three bolts before the 3 minute time limit has expired, the appropriate signal to Change relays or advance for scoring shall be given.
- 321.8.1 After an arbalist has shot his third bolt (of an end) he shall leave the shooting line. It is permitted to spot each bolt.



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- 321.9 If shooting is suspended during an end for any reason, the time limit shall be adjusted to compensate for the time lost.
- 321.10 Time Interval Between Distances: At WC, RC, IC or CE sanctioned by the IAU, the interval between shooting one distance and the commencement of the next must not be less than THIRTY (30) minutes and must not exceed ONE (1) hour.
- 321.11 Time Control and Signals for the IAU 50m Final Event:
Refer to Final Rules Art. 350.

Art. 322 SHOOTING POSITION

- 322.1 Stance: An arbalist shall shoot from the **STANDING POSITION** and without support with one foot on each side of the shooting line. The position of the feet may be marked on the ground only by means of one (1) marker for each foot. These markers shall not be more than 20 mm in diameter and shall not protrude more than 5 mm above the ground.
- 322.1.1 Arbalist with Disabilities: In the case of an arbalist who through permanent disability must use a wheelchair, the wheelchair, shall be centered over the shooting line. The crossbow must be held with the

arms only. Assisted wheelchair competitors may use an IAU approved Support Stand, in accordance with Art. 322.2. The elbow of the supporting arm is not to make contact with the lap, wheelchair or gain support other than from the rib cage or abdomen. The backrest of the wheelchair shall not be higher than 10 cm below the arbalist armpits in the shooting position. Arbalist with a foot or feet must place them on the footrests of the wheelchair when shooting.



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322.2 No part of the body or clothing shall make contact with any other object. No part of the crossbow nor attachment shall touch the ground (nor floor) when being shot.

322.2.1 Butt hooks (Art. 326.2.3) may NOT be placed between the body and the shooting clothing, nor may the butt hook lie on top of the shoulder.

322.3 Spanning and Loading Position: The arbalist may adjust its foot position in relation to the shooting line in order to Span its crossbow.

322.3.1 It is not permitted to shot without shoes (with or without socks).

The act of placing a bolt must be performed with the crossbow directed at the ground (or floor) immediately in front of the shooting line in the direction of the arbalists' allocated target butt.

322.3.2 Elevated Crossbows : Placing a bolt in an elevated crossbow is NOT PERMITTED.

Arbalist who fails to observe this SAFETY RULE may be DISQUALIFIED.

The arbalist concerned shall be cautioned by an IJ.

An arbalist repeating this offence shall be DISQUALIFIED from the Competition (Art. 335.2).



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Art. 323 SIGHTING SHOTS

323.1 The following sighting shots are allowed at the start of each Competition (formerly found/distance). Such sighting shots shall be under the control of the DOS and shall be remark in scoring list but shall be not scored:

a. IR 900 Round:

- 65m: Two (2) ends of three (3) shots, five (5) minutes per end
- 50m: Two (2) ends of three (3) shots, five (5) minutes per end
- 35m: Two (2) ends of three (3) shots, five (5) minutes per end

b. Indoor Competitions: Where indoor rounds are shot in sessions e.g. 2 x 30 shots with halt interval of more than sixty (60) minutes between sessions, then one (1) end of Sighters shall be shot at the start of each session.

18m: Two (2) ends of three (3) shots, three (3) minutes per end.

10m: Two (2) ends of four (4) shots, four (4) minutes per end.

The time period commences after 20 second signal (Art. 321.1)

323.2 In the event that a shooter shot one bolt during the sighting more (four instead three), the highest score shall count towards the next scoring end shot. The scorer shall make a note to this effect on the score sheet the highest scoring bolt for the next scoring end shall be forfeited. The arbalist concerned shall be cautioned by a Judge. An arbalist repeating this offence may be barred from the day's Competition. See (Art. 335.2).



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323.4 Additional Sighting Shots for Prod Breakage: THREE (3) additional sighter Shots shall be allowed in the event of Prod BREAKAGE during a Competition round, including breakage's occurring during sighter ends (Art. 323.1).

The arbalist shall adopt the Equipment Failure procedure (Art. 328). Such sighter shots shall be taken under the supervision of a Judge, prior to making up the end(s) not shot.

The time allowed for the Competition of the Three (3)

Sighting shots shall be three (3) minutes (or two (2) minutes for 18m round). The bolts shall not be scored.

Art. 324 COMPETITION SHOTS

324. 1 Shooting cycle: At WC, RC, IC and CE sanctioned by the IAU, arbalists shall shoot their bolts in ends of three (3) bolts each. All shooting shall be controlled by the DOS. Scoring shall take place after the completion of each end. Having shot his/her end of three (3) bolts, the arbalist shall immediately retire behind the Waiting Line (Art. 321.8.1). An arbalist remaining on the shooting line having completed the shooting of an end, shall be cautioned by an IJ (Art. 321.8). An arbalist repeating this offence may be barred from the day's Competition (Art. 335.2).

324.1.1 3-Spot Faces : When using the 3-Spot 40cm Target Face, an arbalist shall shoot one (1) bolt per target face, in any order (see Arts. 325.5.1 and 325.8).

324.1.2 Repair Time: Should it be necessary to change a bowstring or make essential adjustments or repairs, an FJ/IJ must be advised (Art. 328).



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Reasonable time shall be allowed to make repairs, as determined by an IJ (Art. 328.2.2 and 328.3).

Only a broken string in separate pieces is accepted as an equipment failure. In the case of a damaged bowstring (i.e. a broken strand, a worn serving thread), the bowstring may be replaced but without the right for sighters or an extra shot.

- a. Bolts which can be re-shot: A bolt shall not be deemed to have been shot if:
 - The arbalist can touch the bolt with his crossbow without moving his/her feet from their position in relation to the Shooting Line.
 - The target butt blows over (in spite of being pegged down to the satisfaction of the IJ – Art. 316.2.1). The IJ/DOS shall take whatever measures they deem necessary and then allow the appropriate time limit for shots remaining.

324.4 A shot made without a bolt in the crossbow may be re-taken correctly but no extra time shall be allowed. An arbalist repeating the error will be cautioned by a Judge.

An arbalist repeating this offence may be barred from the day's Competition. (See Art. 335.2).

324.5 Bolts on Wrong Target: See Art. 325.8.

324.6 Leaving the Shooting line: An arbalist is not permitted to leave the Shooting Line (unless having completed the shooting of the end) without first advising a Judge in accordance with the Equipment Failure provisions (Art. 328), even if there has not been a legitimate equipment failure.



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An arbalist repeating the error will be cautioned by an FJ\IJ.

An arbalist repeating this offence may be barred from the day's Competition. (See Art. 335.2).

- 324.6.1 Spare Bolts: arbalists shall take spare bolts with them to the shooting line.
- 324.7 Rebounds and Hangers: See Art. 325.9.1 and Art. 325.9.4.
- 324.8 Safety: All shooting shall be controlled in accordance with the safety provisions (Art. 332) of these Rules.

Art. 325 SCORING

325. 1 Frequency: At WC, RC, IC and CE sanctioned by the IAU, scoring shall take place after each end of three (3) sighting and competition shots. The DOS shall give the signal (Art. 321.3) to advance to the targets for scoring and retrieval of bolts.
- 325.1.1 Any bolt missing the target MUST immediately be declared by the competitor so that steps can be taken to locate and remove the bolt from the ground.
- 325.2 Order: The order in which scores shall be recorded on the score sheet is defined in Art. 313.2.c.
- 325.3 Touching the Target Face, Bolts and Butts: Neither the bolts, target face nor butt shall be touched until all the bolts within a scorer's allocation have been recorded.
- 325.4 Bolt Position in Target: A bolt shall be scored according to the position of the shaft on the target face where it lies.



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- 325.5 Excess Bolts in Target : If more than three (3) bolts are found belonging to the same arbalist in the same target face, butt (or stand) or on the ground in the shooting lanes, only the three (3) lowest in values shall be scored.
- 325.5.1 When using the 3-spot 40 cm target face at 35m:

If an arbalist shoots more than one bolt into a face, then only the **HIGHEST** bolt in that face shall score. A bolt outside the scoring rings counts as a miss (zero).
- 325.5.2 The arbalist concerned shall be cautioned by a Judge. An arbalist repeating this offence may be barred from the day's Competition (see Art. 335.2).
- 325.6.1 Center Tens (Gold's): Bolts entirely within the Ten (10) zone and not touching the dividing line shall be entered on the score sheet and the entry circled to indicate a "Center 10". Only such "Center 10s" shall be called 'Gold's'.
- 325.6.2 Bolt lying on dividing line between scoring zone: Should the shaft of a bolt touch two (2) colors or touch any dividing line between scoring zones, that bolt shall score the higher value of the zones affected for all outdoors competitions
- 325.6.3 10 m 400 Round and 18m IR 600: For 10 mand 18m indoor competitions using the 25 cm face (Art. 318.4.4), should the shaft of a bolt touch two (2) colors or touch any dividing line between scoring zones, that bolt shall score the lower value of the zones affected.



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- 325.7 Missing lines on target face: Should a fragment of the target face be missing, including the dividing line or where two (2) colors meet, an imaginary line shall be used for judging the value of any bolt hitting such part.

Worn target faces shall be/will be replaced at the discretion of the Judges (Art. 312.2.a) or upon request.

- 325.8 Bolt on wrong target: A bolt hitting a target other than the arbalists' own target shall not score, and be counted as a "miss".

325.9 **Rebounds**

- 325.9.1 When a Rebound occurs, the arbalist concerned shall complete the shooting of the end, remain on the Shooting line with his free hand held above his head or holding the signal flag (Art. 316.6.2) as a signal to a Judge, who shall then carry out the procedure outlined in Art. 325.9.2.

- 325.9.2 When all other arbalists have completed shooting their three (3) bolts or the time limit has expired, the DOS shall interrupt the proceedings. A Judge, having satisfied himself that the claim was justified, shall allow the arbalist concerned to shoot another bolt. Such a bolt shall be numbered or marked by the Judge in a way which will enable it to be identified in the target. At a signal from the Judge, the DOS shall give the signal for the competitors and Scorers to advance to the targets for scoring. The Judge shall Participate in the scoring and ensure that the correct number of bolts is scored, and that the Rebound was not caused by striking another bolt in the target.



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- 325.9.4 **Hanging Bolt:** In the event of a bolt entering the target face and hanging from it, the arbalist shall **STOP SHOOTING** immediately and Signal for a Judge as per Art. 325.9.1. When the shooting of that end has been completed by the other arbalists, the Judge shall note the value of the bolt, remove it, mark the hole and place the bolt behind the target. The remaining bolts shall be shot by the arbalist before the DOS orders general shooting to recommence. The Judge concerned shall participate in the scoring of that end.
- 325.9.6 **Pass-Through (in Butt):** In the event of a bolt which has entirely passed through the target face but which remains embedded in the butt, the scorer shall call for a Judge, who shall carefully push the bolt back through the butt in order that its scoring value may be judged. The Judge shall participate in the scoring and ensure that the bolt in question is correctly recorded on the arbalists score sheet.
- 325.9.7 **Pass-Through (Behind Butt):** When a pass-through occurs, the arbalist should adopt the Rebound Procedure (Art. 325.9.1), etc..
- 325.9.8 **Disputes:** In the event of a dispute over the scoring value of a bolt lying on a dividing line between zones, the scorer shall call for a Judge who shall decide upon the scoring value of the bolt in question. The decision of the Judge called shall be final and not subject to protest.
- 325.9.9 **Score Validation:** Where a judge is called upon to participate in the scoring of a bolt or an end, the appropriate entry/entries on an arbalists' Score sheet shall be initialed by the judge involved (this entry must be made in red pen) and counter- initialed by the arbalist concerned in the panel provided.



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- 325.9.10 Corrections: A mistake on a score sheet, discovered before the bolts are drawn, may be corrected, but the correction must be witnessed and initialed (in red ink), by a judge and counter initialed by the arbalist concerned, in the panel provided on the score sheet. Any other disputes concerning entries on a score sheet shall be referred to a Judge.
- 325.10 Bolts Left in Target Area: The DOS shall in consultation with the Judge ensure that, after scoring, no bolts are left in the targets before giving the signal to recommence shooting. If bolts are inadvertently overlooked, the shooting shall not be interrupted. An arbalist may shoot that end with other bolts, or make up the bolts lost, after shooting over that distance has been completed. A judge shall participate in the scoring after that end making sure that the bolts which remained in the target are checked back to the arbalists' score sheet before any bolts are scored or withdrawn from the target.
- 325.11 Substitute Bolts: In the event of the arbalist leaving bolts (e.g. on the ground in the target area), he may use others, provided he informs a Judge before shooting. The Judge shall exercise such checks as he deems fit in each circumstance.
- 325.12 Miss Due to Equipment Failure: An equipment failure during the shooting of an end: (i.e. a string or prod breakage), resulting in a miss, does not entitle the arbalist to re-take a shot.
- 325.13 Trigger Failure: A shot due to the self-release of the trigger mechanism, shall score according to the point of impact of the bolt. The crossbow shall be IMMEDIATELY (with no further shot taken) REMOVED from the shooting line for repair. In the event of an equipment failure, the arbalist shall adopt the procedure specified in Art. 328.1.



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- 325.14 Scoring Delegation: An arbalist may delegate authority to score and collect his bolts to his NTM or another arbalist on an adjacent target (within the official scorer's allocation), with the consent of the IJ.
- 325.15 Score sheets: Score sheets (provided by the OC) shall be signed by the scorer and the arbalist denoting that the arbalist agrees with the scoring value of each bolt.
- 325.15.1 In the absence of Independent Scorers, the arbalist shall sign the score sheet denoting that he agrees with the distance and round totals.
- 325.16 Ties: In the event of a Tie in score, the results shall be determined as follows:
- 325.16.1 For Individuals: The arbalist with the greatest number of scoring hits. If this is also a tie, then the arbalist of those tying with the greatest number of Gold's (hits entirely inside the 10 zone). If this is also a tie, then the arbalist with the greatest number of hits scoring 10 points. If this is also a tie then the arbalist shall be declared equal.
- 325.16.2 For Teams: The team having the arbalist making the highest individual score. If this is also a tie, then the team having the arbalist with the second highest individual score. If this is also a tie, then the teams tying shall be declared equal.

Art. 326 TARGET CROSSBOW LIMITS

Refer to Figure 326-1, Target Crossbow Limits

- 326.1 General : Any crossbow may be used which conforms to the following restrictions. All crossbows must be drawn by hand, without the aid of any mechanical device or finger protection whatsoever.



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- 326.1.1 The crossbow must be equipped with a **MECHANICAL TRIGGER**. Such triggers must conform to Art. 326.3.2.
326. 1 .2 Crossbows must be fitted with a **SINGLE** bolt retainer (other than crossbows used with archery-style, clip-on nocks). The removal or malfunction of a bolt retainer will be deemed to render a crossbow **UNSAFE** and may result in the **IMMEDIATE DISQUALIFICATION** (Art. 335) if not repaired to the satisfaction of an **IJ**.
FRONT MOUNTED bolt retainers are not permitted. The design of the bolt retainer shall conform to Figure 326-4.
326. 1 .3 **Prod Assemblies** : Prod assemblies may be made from any safe materials. Prods may be either of one-piece (1) or two-piece (2) construction. Metal prod (bow limbs) and/or any form of wrapping or strapping of the bow limbs is forbidden. The maximum length of the prod when strung must not exceed 900 mm (refer to Figure 326-1).
- 326.1.4 Prods must be clearly and permanently marked to show draw weight and draw length, i.e. maximum design draw weight.
The maximum permissible draw weight is 43 kilos (95 lbs.) irrespective of construction.
- 326.1.5 **The Bow String**: Bow strings and servings (where fitted) shall be made from non-metallic materials. Bow strings may be connected either directly to the limb tips (Art. 326.1.3), or by means of Axle-pins (fixed or pivoting, metallic or synthetic).



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String Loop attachments made from solid materials (synthetic or metallic) are NOT PERMITTED (refer to Figure 326-5).

- 326.1.6 Sights : The sighting system shall consist of no more nor less than two (2) separate open or diopter (aperture) sight Units, mounted in accordance with Figure 326-2 Sighting System Limits. If the front sighter consists of straight optical fiber, the length of fiber must not exceed 20 mm. Full length sight carrier rails may be used providing Art. 322.2 are complied with.
- 326.1.7 The maximum length from front sight to rear sight must not exceed 760 mm. The measurement is to be taken between two parts of sight with maximum distance (refer to Figure 326-2), without eye-cup.
- 326.1.8 The maximum length of the front sight tube must not exceed 60 mm. The length of the rear sight unit must not exceed 150 mm inclusive of anti-glare tube and eye shield (refer to Figure 326-2).
- 326.1.9 Equipment control: At WC, RC, IC and CE sanctioned by the IAU, all Crossbows shall be checked by the TC and/or appointed persons supervised by an IJ prior to the Competition (Art. 334) and may be re-checked at any time during the Competition. The IAU Field, TC and/or the IJ may bar from the Competition any equipment which in their opinion is unsafe. At the completion of WC/RC, competitors shall leave their shooting equipment on the Shooting Line and immediately retire behind the Waiting Line until such time as the IJ have inspected all equipment.



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- 326.1.10 Recoilless Crossbows: Recoilless crossbows are permitted.
- 326.1.11 “Over-and-Under Tracks”: Crossbows fitted with “Over-and-Under” tracks are permitted provided that the upper track does not guide the bolt and that Art. 326.3.5 is complied with.
- 326.2 Permitted Accessories:
- The following accessories are permitted, provided the total weight of the crossbow with all accessories fitted does not exceed 10 kg (22 lbs.)
- 326.2.1 Foot Stirrups: Foot Stirrups attached to the stock or a separate foot plate to be used in conjunction with a stock-mounted eye-bolt are permitted, providing they comply with Art. 326.1.
- 326.2.2. Palm rests: An adjustable Palm rest or handle is permitted provided it does not extend beyond nor envelop the wrist.
- 326.2.3 Butt Plate and Butt hook: A fixed or universally adjustable butt hook /plate may be used, provided that:
- a. The length of the butt hook, as measured between the deepest parts of the hook has a tangent to a line perpendicular with a line projected from the bolt axis, (A) does not exceed 153 mm. for all settings used by the arbalist during competition.
 - b. The length of the uppermost protection (B), measured against the same references as (A), shall not exceed 30 mm, for all settings used by the arbalist during competition.
 - c. The height of the lower projection of the butt hook (C), measured against the same references as (A), shall not exceed 30 mm, for all settings used by the arbalist during the competition.
 - d.



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e. Butt plates/hooks may be straight, cantered or offset with respect to the stock.

f. Butt hooks must not bear directly on top of the shoulder.

Refer to Figure 326-3 for limits A, B and C.

326.2.4 Balance Weights, Extension Rods and “Torque Flight Compensators”: The arbalist is allowed a free choice on the number and position of these accessories relative to the crossbow stock, provided they do not interfere with another arbalist (on the shooting line) and that such extensions comply with (Art. 322.2 and Art. 326.3.3).

326.2.5 String Attachments: String Attachments i.e. separate string loops, archery type “nock-sets” or center nocking points (fixed or free-floating) are permitted, provided Art. 326.1.5 and Art. 326.3.9. are complied with.

326.2.6 Kisser Buttons (Head Checks): Kisser Buttons (to check head position) mounted on the stock, are permitted.

326.2.7 Bracing Strings: Prod Bracing Strings (bastard strings) are permitted.

326.2.8 Levels: The use of liquid Levels (level bubble) in the line of sight are permitted.

326.2.9 Cross-Over Prisms: The use of cross-over prisms (special rear sight adaptor enabling right handed shooter to use left eye or vice versa) are allowed, provided Art. 3226.3.7 and Art. 326.3.8 are complied with.



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- 326.3 Non-Permitted Accessories: The following accessories are not permitted:
- 326.3.1 Pistol Crossbows are NOT PERMITTED.
- 326.3.2 Electronic Equipment or Components on the crossbow, or used by the arbalist either attached to or separate from the crossbow when on the shooting line are NOT PERMITTED, except as specifically otherwise provided for (Art. 330.1.6).
- 326.3.3 Crossbows equipped with Pneumatic or Hydraulic Devices are NOT PERMITTED.
- 326.3.4 Compound prods, and prod assemblies with mechanical moving parts (other than those defined under Art. 326.1.3), are NOT PERMITTED.
- 326.3.5 Attachments designed to guide the string along the track/stock, i.e. any form of sledge, bead or any other attachment designed to control lateral string movement along the track is NOT PERMITTED.
- 326.3.5.1 The length of the upper part of the string guide must not exceed 51mm (2 inch) - see Figure 326-4
- 326.3.6 The use of Slings or Straps to steady the crossbow is NOT PERMITTED.
- 326.3.7 Magnifying Sights are NOT PERMITTED.
- 326.3.7.1 Micro-hole lenses are NOT PERMITTED as part of prescription spectacles (Art. 329).



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326.3.8 Corrective Lenses are NOT PERMITTED to be part of the Crossbow but may be used exclusively as prescription spectacles (Art. 329).

Tinted lenses (filters) may be part of the crossbow sight, but must be capable of being checked at any time by the TC/IJ.

326.3.9 Vertical Crossbows (vertically mounted prod assemblies) are NOT PERMITTED.

326.4 The use of any attachments or equipment not mentioned in this specification must be submitted to and approved by the TC, at least six (6) months prior to equipment inspections of the competitions listed in Art. 301.

326.5 Dimensional Limits: Target Crossbow dimensional limits are described in:

Figure 326-1 Target Crossbow Limits

Figure 326-2 Sighting System Limits

Figure 326-3 Butt hook Dimensional Limits

Figure 326-4 Bolt retainer and string guide limits

Figure 326-5 String loop



IAU COMPETITION RULES

FIELD CROSSBOW

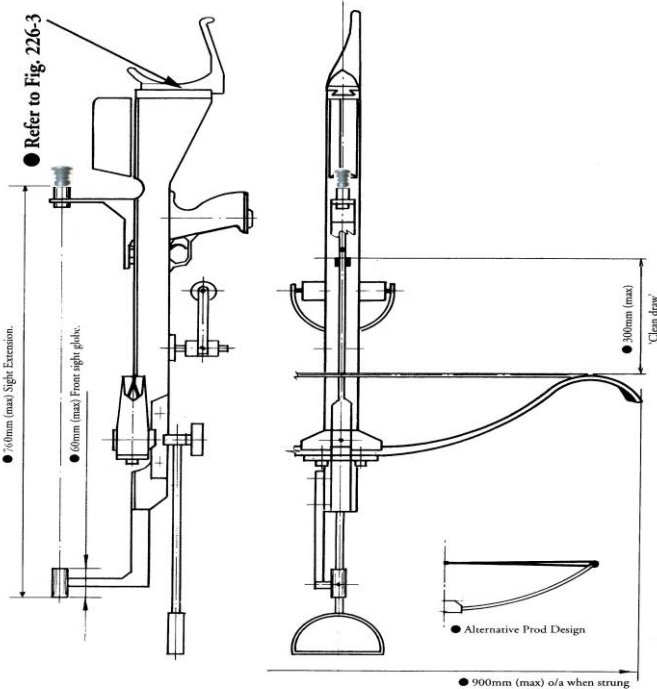


Figure 326-1: Crossbow Specifications (Refer to Art. 326.5.1)

Maximum Weights:

Draw weight (at string latch)43 kg ... 95 lbs

Physical weight (with accessories) 10 kg ... 22 lbs



IAU COMPETITION RULES FIELD CROSSBOW

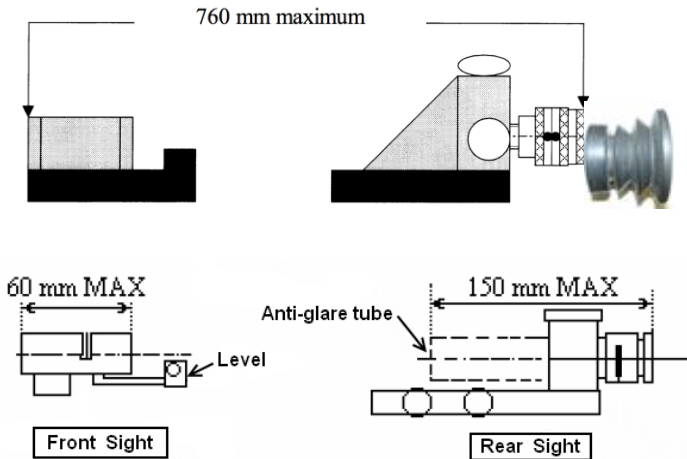


Figure 326-2: Sighting Equipment Limits

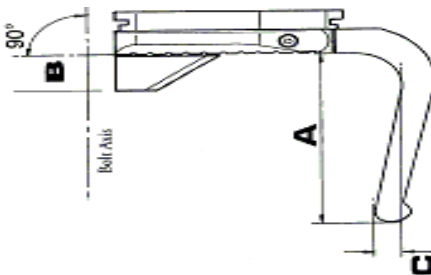


Figure 326-3: Butt hook Dimensional Limits



IAU COMPETITION RULES FIELD CROSSBOW

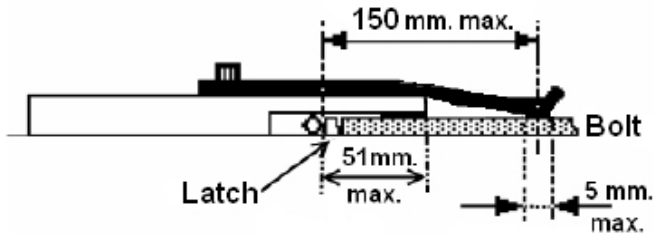


Figure 326-4: Bolt retainer and string guide limits

Maximum length of bolt retainer is 150 mm

Maximum length of the upper part the string guide is 51 mm (2 inches)

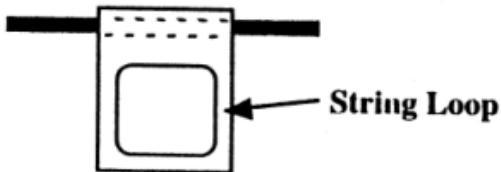


Figure 326-5: String loop

String loop attachments made from solid materials (synthetic or metallic) are NOT PERMITTED (refer to Art. 326.1.5)



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Art. 327 BOLT SPECIFICATIONS

Refer to Figure 327-1 Bolt Specifications

- 327.1 Construction : Target crossbow Bolts (arrows) may be made from any safe materials and of such design as not to cause unreasonable damage to target butts.
- 327.1.1 Conical Points : Conical (chisel) points having an included angle of greater than 60° are NOT PERMITTED.
- 327.1.2 Slip-over Points : Bolts fitted with slip-over points (point diameter larger than shaft diameter) are permitted provided they comply with Art. 327.1 (damage to butts). Such points shall be no more than 2 mm greater than the diameter of the shaft.
- 327.2 Bolt Parameters: The permitted minimum / maximum bolts lengths are:
- | | |
|-----------------------|--------------------------|
| Minimum | 304mm (12 inches) |
| Maximum | 457mm (18 inches) |
| Maximum bolt diameter | 7,7mm (i.e. Easton 1916) |
- 327.3 Vanes: Bolts must be fitted with Vanes (fletching). There is no restriction as to size or number.
- 327.3.1 Uniformity: All bolts in a set must have identical vane sizes and colors.
- 327.4 Markings : All bolts shall bear the name, initials or insignia of the arbalist to which they belong. Such markings shall be on each vane.



IAU COMPETITION RULES FIELD CROSSBOW

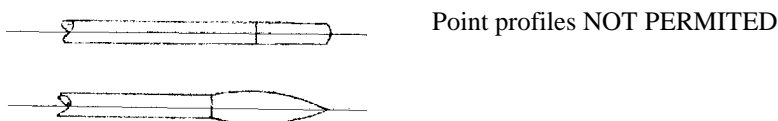
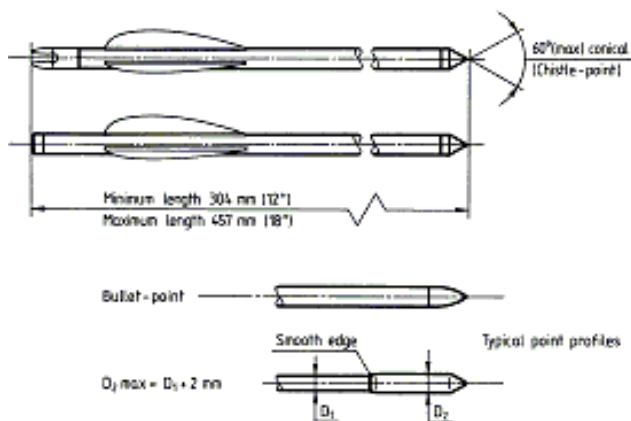


Figure 327.1: Bolt Specification (Refer to Art. 327)

Art. 328 EQUIPMENT FAILURE, REPAIRS AND INTERFERENCE

- 328.1 Equipment Failure Procedure: in the event of a crossbow failure occurring during the shooting of an end, the arbalist shall STOP SHOOTING IMMEDIATELY and step one (1) pace back from the Shooting Line holding the Flag provided (Art. 316.6.2) or his free hand above his head as a signal to the Judges.



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- 328.1.1 Interference: in the event that a competitor is interfered with during the act of shooting, by a broken string or other part from another competitor, he may call a Judge, and invoke the Equipment Failure provisions of this Art. 328. The granting of another shot shall be at the sole discretion of an IJ.
- 328.2 Repairs: The IJ, having verified that the arbalist was justified in leaving the Shooting Line, shall arrange with the DOS for the competitor concerned to effect repairs as follows:
- 328.2. 1 Minor Defect Procedure: In the case of a minor defect: The DOS will delay his signal to advance for scoring until the arbalist in question has completed his end of three (3) bolts.
- 328.2.2 Serious Defects: In the case of a more serious equipment failure: the competitor will be allowed a maximum of twenty (20) minutes to complete repairs for the current day of competition. Timing of such a repair period shall be undertaken by a Judge. A defect crossbow can be repaired by the competitor or any accredited person authorized by the competitor. The repaired crossbow will be checked by an IJ for compliance with Art. 326 and the time taken for such inspection shall not be included in the allowed 20 minute repair period.
- In the case of Prod breakage, three (3) additional sighter shots may be taken in accordance with Art. 323.1. The competitor will then be allowed to make up the ends not shot after the completion of the distance.



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328.3 Bolt Defects: No extra time will be allowed in the case of a bolt defect, i.e. damaged nock, loose vane, etc. (Art. 324.2).

328.4 Protocol for Making-Up Legitimate Shots: In the event of competitors having to make up shots at the end of a distance or of an end, the DOS will announce the target numbers and the number of bolts to be shot at each target.

The bolts will be shot one at a time under the direction of the DOS at the rate of ONE (1) minute per bolt [FORTY (40) seconds for 18m round] (with the lights showing GREEN for 30 [10 in 18m round] seconds, and AMBER for 30 seconds).

Each arbalist will be supervised by a Judge who will ensure that “his” arbalist leaves the line when he has shot the number of bolts announced by the DOS. Thus all arbalists who have bolts to shoot will shoot together for the first bolt, those with TWO (2) to shoot will remain on the line for their second shot and soon. The sequence will continue in groups of three (3) or four (4) bolts until all such legitimate bolts have been shot.

Note: twenty (20) seconds to approach the line will only be allowed at the beginning of each sequence.



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Art. 329 OPTICAL AIDS

- 329.1 Spotting Equipment: Field glasses, telescopes and other visual aids may be used for spotting bolts. Spotting telescopes may be set up on the Shooting Line. Where shooting takes place in two (2) relays (Art. 321.1.2), the arbalist must remove his spotting telescope and tripod to behind the Equipment Line when vacating the Shooting Line at the completion of an end of three shots (Art. 324.1). Spotting telescopes may be left on the shooting line when shooting in one (1) relay, at the Sole discretion of the DOS.
- 329.2 Spectacles: Spectacles as necessary or all types of special shooting spectacles (variable lens included), provided they are fitted with lenses normally prescribed for the user, and sunglasses are allowed, provided that they comply with (Art. 326.3.7.1). Spectacles shall not be marked in a way which can assist in aiming.
- 329.2.1 The special device (Gehmann or else) on the rear sight allowing to add prescription lens can be mounted. It's permitted only one optical correction possible: glasses or rear sight.
- 329.3 Inspection: Optical aids to be used by a competitor during the competition shall be inspected during equipment control and may be examined at any other time during the competition as required (Art. 334).



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Art. 330 CLOTHING AND PERSONAL EQUIPMENT

330. 1 Uniforms: At WC and RC, sanctioned by the IAU, it is fitting that all competitors, NTM, Officials, etc. participating in Opening and Closing Ceremonies are dressed in the Uniform Dress of their respective federations.

330.1.1 Dress Standards: During the Competitions (and official practice sessions) the clothing worn by all Competitors shall be in traditional white color and conform to the following dress standards:

Prohibited clothing: Blue jeans (denim) or similar trousers in non-sporting colors, khaki or camouflage clothing, ragged cut-off shorts, trousers with patches or holes, inappropriate messages

- a. Female: dresses, skirts, slacks, culottes, or tailored shorts with a length not more than 15 cm above the center of the knee. Blouses or tops (long or short sleeved).
- b. Men: trousers or tailored shorts with a length not more than 15 cm above the center of the knee. Shirts (long or short sleeved).

A sweater, cardigan or track suit supplied to the competitor as official team uniform shall be permitted provided Art. 330.2 are complied with.

All such clothing shall be in the official colors of the federations participating, and shall be worn by all team members.

In the absence of a recognized National Team dress, competitors shall dress in plain white clothing.

The above mentioned clothing shall be in accordance with Art. 330.2.



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- 330.1.2 Inclement Weather: Weatherproof clothing made of a single layer of material may be worn during adverse conditions, only when this has been declared so by the DOS.

Such clothing shall comply with Art. 330.2.

- 330.1.3 Shooting Hats: Arbalist is permitted to wear shooting hats which conform to IAU Field Division regulations.

- 330.1.4 Sound Dampening Apparatus : Arbalists are permitted to wear ear plugs or hearing protectors (headphone type) provided that they do not prevent the wearer hearing acoustic signals (Art. 321.3) and that Art. 330.1.5 is complied with.

- 330.1.5 Personal Stereo Equipment : The use of personal stereo or radio equipment for music or self-coaching is **NOT PERMITTED** while on the shooting line, in Competition or official practice.

- 330.1.6 Personal timers: The use of mechanical or electronic personal timers by competitors or team officials is permitted (except smartphones), provided that **NO** audible alarm in signal is emitted.

Note: This clause does not relate to Judges.

- 330.1.7 Belts: Arbalist are permitted to wear only one (1) belt, the width of which shall not exceed 30 mm If a belt quiver is worn, it must be attached to this belt.

- 330.1.8 Quivers: Belt or Pocket Quivers are allowed provided that Art. 330.1.7 is complied with.

- 330.2 Clothing : The use of special shooting jackets, padded clothing (single garment or combination of garments), tight clothing or accessories so designed to give support or improve performance, i.e. special shooting vests or undergarments is **NOT PERMITTED** (refer to Figure 330-1).



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- 330.2. 1 Gloves: The use of all gloves and special shooting gloves is NOT PERMITTED. All shooting must be done bare handed (i.e. the tapes are not permitted).
- 330.3 Footwear: Normal shoes shall be worn at all times during the Competition. The use of special shooting boots and shoes (except pistol ISSF shoes) is NOT PERMITTED.
- Footwear may not extend above the ankle bone.
- If doubt, the sole flexibility of the shoes may be controlled by the specific ISSF tester device.
- 330.3.2 Rubber Boots: Soft rubber boots or over-shoes are permitted in adverse weather conditions. Such footwear may not give support or aid performance, i.e. restrict ankle movement.
- 330.4 Competitor Numbers : At WC, RC, IC and CE all competitors shall wear their Competitor numbers on the middle of their back, and such numbers are to be visible at all times while an arbalist is competing (refer to Art. 319.4).



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330.5 Insignia: Arbalists are permitted to wear the name or official insignia, flag or emblem of the federation or club which they represent on the shooting clothing / jacket. There is no restriction as to the size or color of such insignia etc.

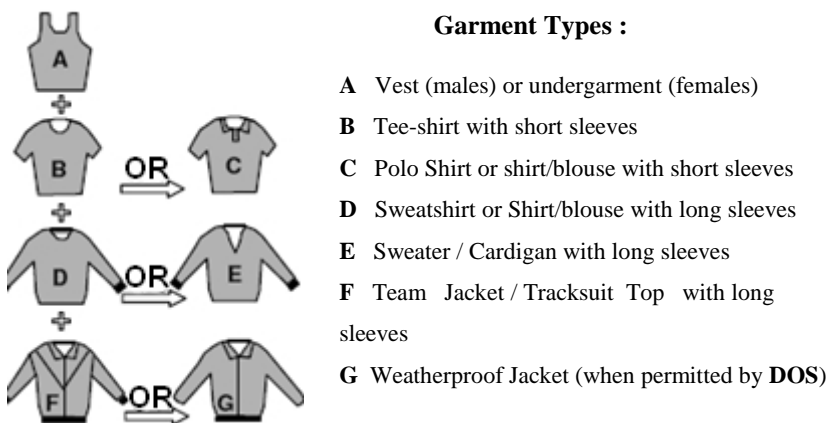


FIGURE 330-1: Clothing diagram

- These combination of garments is the **MAXIMUM PERMITTED** while shooting (refer to diagrams).
- No more than one (1) item of a given type of garment may be worn while shooting.
- All such clothing shall be loose fitting in compliance with Art. 330.1.1



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- 330.6 Sponsors' Logos: An official Championships Emblem, or name, or name of venue or sponsor may be added to competitors' target back numbers and to officials' armbands, but must not distract from the numbers and letters.
- 330.7 Surgical Supports or Dressings: Competitors who have sustained an injury requiring such treatment, must obtain permission to compete, or to continue to compete, from the IJC. The IJC may seek an opinion from a qualified medical practitioner. Permission will not be granted if a Competitor's ability to comply with Safety Rules (Art. 332) is impaired, or if the use of such surgical support or dressing could enhance performance in the Competition.
- Competitors who must wear surgical support due to permanent disability, must provide a medical certificate to that effect and comply with the provisions of Art. 322 and this Art. 330.7.

Art. 331 HERALDRY

- 331.1 Flags and Gonfalons: At Competitions sanctioned by the IAU it is permitted to display the flags or gonfalons (pennants) of Competing federations and/or individual clubs. Such flags or gonfalons may be set up behind the Waiting Line adjacent to the NTM' allocated positions.

Art. 332 SAFETY AND COURTESY

- 332.1 An arbalist **MAY ONLY SPAN THE CROSSBOW WHEN ON THE SHOOTING LINE** and after the signal to commence shooting an end has been given by the DOS or official in charge of shooting.



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- 332.1.1 NO AIMING “Dry - Firing” exercises are permitted if personnel are in front of the Shooting Line (Art. 332.5.b, 320.4).
- 332.2 The act of placing (nocking) a bolt must only be performed with the crossbow directed at the ground (or floor) immediately in front of the shooting line in the direction of the arbalists’ allocated target butt.
- Placing a bolt in an elevated crossbow is NOT PERMITTED. Arbalist who fail to observe this SAFETY RULE may be DISQUALIFIED.
- 332.2.1 The arbalist concerned shall be cautioned by an IJ. An arbalist repeating this offence shall be DISQUALIFIED from the Competition (Art. 335.2). If the spanned and loaded crossbow is lowered during the act of shooting an end the crossbow must not be turned aside from the direction of the arbalists allocated target butt.
- 332.2.2 It is strongly recommended in the interests of PERSONAL SAFETY that the fingers of the hand which loads the bolt be kept straight and pointing away from the trigger latch, i.e. towards the front of the crossbow.
- 332.3 At the signal to stop shooting from the DOS, the crossbow must IMMEDIATELY BE LOWERED, the BOLT REMOVED and the STRING LOWERED (UNLATCHED).
- 332.4 If a defect occurs in the crossbow during the shooting of an end, the arbalist must STOP SHOOTING IMMEDIATELY and signal to a Judge in accordance with Art. 328.1.



IAU COMPETITION RULES

FIELD CROSSBOW

332.5

It is forbidden:

- a. TO USE THE CROSSBOW IN AN UNSAFE CONDITION.
- b. To aim at people even though the crossbow is not spanned nor a bolt loaded.
- c. To handle the crossbow carelessly on the Shooting Line.
- d. To shoot vertically. The spanned and loaded crossbow shall not be raised to an elevation higher than the top of the wind flag of the competitor's designated target.
- e. To span a crossbow with other Competitors, spectators or officials in front of the Shooting Line.
- f. To leave the Shooting Line with a spanned or loaded crossbow.
- g. To place a spanned and/or loaded crossbow on the ground or floor.
- h. To allow unsupervised persons not acquainted with these Safety Rules to handle the crossbow.

332.5.1

Mandatory for your personal safety:

- a. Long hair must be tied back or otherwise security retained
- b. Necklaces must not hang loose (i.e. be kept inside the clothing)
- c. Tie-cords on the clothing must not hang loose



IAU COMPETITION RULES FIELD CROSSBOW

- 332.6 Courtesy: Target crossbow shooting is a demanding sport requiring great concentration, therefore a competitor should:
- NOT talk in a loud voice when others are shooting.
 - NOT talk to another competitor who obviously prefers to remain silent.
 - NOT make any exclamation on the Shooting Line which may disconcert a fellow competitor in the act of taking a shot.
 - NOT walk up and down the Shooting or Waiting Line comparing scores.
 - NOT handle another competitor's equipment without permission
 - When calling scores do so commencing with the highest score first, i.e. 10, 9, 8.
- 332.7 At no time shall an arbalest advanced the target for any reason while others are shooting nor until the signal to advance has been given by the DOS or official in charge of shooting.
- 332.8 The smoking (including electronical cigarette) is prohibited all the time of Competition in space of waiting line and shooting line for every person bar none.



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Art. 333 ASSISTANCE AND COACHING

333.1 While on the Shooting Line (sighting or competition shots), a Competitor may receive no coaching or assistance of any kind from any person, for the purpose of improving his performance or score, spotting the hits on the target face, or indicating any adjustments.

At the completion of an end of sighters or scoring shots, only verbal advice can be given to the shooter. No other person has the right to touch the shooter's crossbow, make adjustments, change or repair the crossbow between ends of shooting (use the Art. 328.2 procedure).

Should an Arbalist receive such coaching, he shall be cautioned by a Judge. An arbalist repeating this offence may be barred from the day's Competition. (See Art. 335.2).

333.2 A Competitor may delegate the scoring of his shots to his NTM or a fellow Competitor on an adjacent target (Art. 325.14). A Judge shall be informed of such delegation.

333.3 All connected devices (watches, glasses,....) are FORBIDDEN.

Art. 334 EQUIPMENT CONTROL

334.1 At WC, RC, IC or CE sanctioned by the IAU, on the day of official practice or before, all crossbows and each arbalists' shooting equipment, accessories and clothing shall be checked for compliance with the provisions set out in these Competition rules, by the IJC/TC and its appointed representatives at an official equipment control session (which is to be held prior to official practice) in accordance with the announcement made in the official program of the event.



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- 334.2 Crossbows and bolts shall be checked for compliance with (Art. 326 and Art. 327). Suitable measuring instruments and weighing scales (duly certified by an appropriate body) shall be made available by the OC. Due care shall be taken by the IJ/TC and its appointed representatives not to damage any equipment.

A sample of prods may be weighed at scrutineering prior to shooting. IJ/TC may request that random prods be weighed after the completion of all Competition shooting and for place getters, at their sole discretion.

- 334.2.1 Control Stickers: Crossbows having been approved as correct shall be marked with a suitable sticker bearing the name and date of the Competition. The approval must also be indicated on a Control Card, provided by the OC, in accordance with the format specified.

- 334.2.2 Spare Crossbows: Spare crossbows to be used in the case of equipment failure, Finals event etc., must also be submitted for approval during equipment control at the time appointed by the Organizers. Refer to Finals Rules Art. 350.

- 334.2.3 After equipment has been approved, it must not be altered at any time prior to or during the Competition in any way that would conflict with these Rules. If there are any doubts regarding an alteration, the equipment must be returned to Equipment Control for re-inspection and approval.

- 334.2.4 An arbalist found to be using unapproved or altered equipment or having removed official Control Stickers will face IMMEDIATE DISQUALIFICATION (Refer to Art. 335).

Further inspection of equipment such as in the case of equipment failure shall take place as appropriate.



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- 334.3.1 Crossbows, bolt and clothing of the leading five (5) competitors in each division will be re-checked for compliance with (Art. 326, Art. 327 and Art. 330) of these Competition Rules, by the TC and/or IJ BEFORE such equipment is removed from the equipment Line at the completion of each Competition round. The IJ may elect to inspect all competitors' equipment at the completion of a Competition round, at its discretion, provided that this is appropriately announced.
- 334.4. Approval of the equipment is valid only for the Competition which the inspection was made.

Art. 335 DISCIPLINARY ACTION

- 335.1 Competitors and Officials are to conform to the IAU Constitution and Rules as well as any decisions and directives made by the IJC.
- 335.2 An arbalist shown to have unknowingly violated any Rule or Regulation shall be given a verbal warning by a Judge and informed that any further violation could be cause for disqualification. Warning shall be expressed by showing a YELLOW CARD with the word 'WARNING'. This warning must also be shown to the NTM of the competitor in question.



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- 335.2.1 An arbalist proved to have knowingly violated any Rule or Regulation and having been shown the Yellow (Warning Card) (Art. 335.2), shall be ruled, by the IJ, not to be eligible to participate and shall be disqualified from the Competition. Disqualification shall be expressed by showing a RED CARD with the word 'DISQUALIFICATION'.

Note: The size of the cards should be approximately 70 x 100 mm.

- 335.3 The NTM may appeal against such a decision to the Jury of Appeal (Art. 336.2), immediately and in writing. The appeal shall be handed to an IJ for delivery. The decision of the Jury of Appeal is final.
- 335.4 All Yellow and Red card incidents shall be recorded on all of the offending Competitor's score sheets for the remainder of that Competition. The offences shall be noted on the arbalists record card and noted for the next WC or RC. The DOS shall also be notified.
- 335.5 National Team Managers (NTM): At all times during the days of Competition, the NTM, his Assistant, or his Representative shall be in attendance. If the NTM requires leaving the Competition, he must notify the IJ of this fact and who his representative is.
- The OC shall provide the IJ with a NTM list.



IAU COMPETITION RULES

FIELD CROSSBOW

Art. 336 PROTESTS, APPEALS AND HIGHER APPEALS

- 336.1 Protests and Appeals: All questions or disagreements regarding the interpretation of Competition Rules or actions taken by championships officials must first be decided by the IJC in accordance with Art. 311 and Art. 337.
- 336.1.1 Appeals: The NTM or Federation Official may file an appeal against a decision of a Judge or Scorer to the IJC immediately and in writing. The IJC must immediately investigate the matter and make a decision on the appeal. No protests can be made about the scoring value of a bolt (Art. 325.9.8).
- 336.1.2 Higher Appeals: In the event of a disagreement with the IJC decision, the NTM or Federation Official may file a Higher Appeal in writing (Art. 336.3) to the Jury of Appeal.
- 336.2 Jury of Appeal: A Jury of Appeal shall be appointed by the EC for every IAU sanctioned event. The Jury of Appeal is responsible for making final decisions on all appeals against decisions by the IJC (Art. 311.2). The Jury of Appeal shall consist of three Members including a Chairman, being a senior member of the TC, an EC member knowledgeable in Field Division Rules and an IAU-knowledgeable person from the OC.
- 336.2. 1 The Jury of Appeal must be available at the Competition field at all times during the championships including the day of official practice until 30minutes after the end of shooting.



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- 336.3 Protest Fee: All higher appeals must be submitted in writing by the NTM or his representative not later than one hour after the IJC decision and be accompanied by a fee of 50€ or its equivalent. The fee shall be returned if the appeal is upheld and shall be retained by the OC (50% to IAU funds) if the appeal is lost. In special circumstances, the time for submitting appeals may be extended up to twenty four (24) hours by decision of the Jury of Appeal. Such decision can postpone the victory ceremony for the event under appeal.
- 336.4 Decisions made by the Jury of Appeal must be documented and submitted to the appellant, the Chairman of the IJC and the Chairperson of the OC before the awarding of prizes. This terminates the path of appeal.

Art. 337 PRECEDENCE, INTERPRETATION AND AMENDMENTS

- 337.1 Amendments to these Rules can only be made in accordance with Article 13 of the IAU Constitution.
- 337.2 The general interpretation and maintenance of these rules shall be the responsibility of the Field Division TC.
- 337.2.1 For any special exceptions to the above rules the permission of the Executive Committee of the IAU must be obtained.
- 337.3 In cases of difficulties arising out of differences in the interpretation of these rules, the original English text shall prevail. Where there is a conflict between these rules and the IAU Constitution, the latter shall take precedence.
- 337.4 Gender: References to the male gender shall import the female gender and conversely, except where the context indicates that the latter is gender-specific.



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- 337.5 Expressions : The following expressions are defined:
- MUST indicates a mandatory requirement which cannot be waived,
 - SHALL expresses a mandatory requirement,
 - SHOULD expresses a requirement which is desirable,
 - WILL express a declaration of purpose which is rigid,
 - MAY expresses a declaration of purpose which is flexible.

Art. 338 WC/RC ADMINISTRATION

Reserved

Refer also to “Guidelines for the conduct of World and Regional Championships”.



IAU COMPETITION RULES FIELD CROSSBOW

Art. 339 ADVERTISING AND SPONSORSHIP

339. 1 Advertising : At WC, RC, IC and CE sanctioned by the IAU, any form of commercial advertising to be used to sponsor or promote the event may only be done with the written permission of the IAU EC.

In the preceding rules some articles were amended during the IAU.

Field TC Meetings in Breda NDL July 1985, Annala FIN July 1987, Rohrbach AUT July 1987, Wolverhampton GBR July 1989, Açoteias POR September 1990, Wil SUI August 1991, Hamilton NZL January 1992, Wiesbaden GER July 1994, Tainan TPE November 1996, Ringgenberg SUI July 1997, Otrokovice CZE July 2004, Will December 2004, March 2007 Zürich, Geneva SUI January 2009, Bratina August 2012, Innsbruck September 2013, Moscow November 2015, Zürich 2016 and are now in force.

IAU President

Charles Méchin
France

IAU Field TC Chairman

Andreas Henne
Switzerland



IAU COMPETITION RULES FIELD CROSSBOW

INTERNATIONAL CROSSBOW SHOOTING UNION

FIELD DIVISION COMPETITION RULES 50m FINALS



IAU COMPETITION RULES

FIELD CROSSBOW

Art. 350 FINALS ROUND- 50 Meters

- 350.1 The Finals Round shall consist of 10 bolts from 50 meters at a 60 cm target face (Art. 314.2), highest possible score is 100 points. One (1) bolt shall be shot per end. The time allowed shall be one (1) minute per bolt. One end of three (3) sighter bolts in five (5) minute shall be shot at the commencement of the Final. Such sighters shall not be scored.
- 350.1.1 Except where otherwise specified in these Special Technical Rules, current IAU Target Crossbow Rules will apply in their entirety. Re-scrutiny of all equipment (334) and all back-up equipment.
- 350.2 Qualification: at the completion of the double IR 900 or 2x IR 600 indoor Qualifying Competition the leading eight (8) individual Men, Women, Juniors, Cadets, Seniors (men, women) and Assisted Shooters (ranking 1-8 in their respective categories) shall qualify to shoot in separate Final Rounds.
- a. There will be no Final round where there are less than six (6) competitors in category.
 - b. If because of tied scores more than eight (8) shooters qualify for a Final, a shot-off will be organized at 50 m: one (1) bolt in one (1) minute time limit, without sighters. The shooter with nearest hit to the center of a 60 cm 10 zone target face will qualify for the Final.
- 350.2.1 The combined Qualification and Finals scores shall be used to determine the Winners.
- 350.2.2 The 50 meter Finals round will also apply to the INDOOR IR 600 and IR 400 rounds that will be shot to their respective distances and target faces.



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- 350.3 Target Assignment: targets shall be allocated according to the individual competitors' ranking at the completion of the double IR 900 qualification Round.
- 350.3.1 The highest scoring competitor in each category (Men, Women, Juniors, Cadets, Senior (men, women) and, Assisted Shooters) shall be assigned to target number 1. The remaining seven targets are to be allocated in descending order of qualifying score.
- 350.4 Back Numbers: each Finalist shall wear a Back Number bearing Target Number (1-8), Family Name, Country (abbreviation).
- 350.5 Sighters: at the beginning of each Final, one (1) end of three (3) sighter bolts shall be shot. Such sighter bolts shall not be scored. The maximum time limit for sighters shall be five (5) minutes. Finalists are required to retrieve their own bolts.
- 350.6 Scoring: shall take place after each end. On the command from the DOS, the IJ together with the Pullers will go to the targets for scoring.
- 350.6.1 When the scoring value of the bolt has been verified and recorded (by an IJ on score sheets provided by the organizers), the IJ shall permit the Puller to withdraw the bolt and return with it to the refuge. The IJs shall relay the scoring values back to the DOS who will announce the scores in target order e.g., "Target 1, Center 10: - "Target 2, 10 " - "Target 3, 9 " and so on until all targets are so scored.
- 350.7 Appeals: in the case of a dispute as to whether or not a bolt is touching a dividing line between scoring zones, the majority decision of All Three (3) IJs shall be final and not subject to further appeal.



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- 350.8 Tied Scores: if after the 10th Final shot there is a tie for any medal position (involving two or more competitors and after considering standard tie-breaking procedures), the Final will continue and the Finalists concerned will continue in a “Sudden Death”: shoot-off until there is an elimination of Competitors to satisfy the award of the medal places in contention.
- 350.9 Award Ceremony: the presentation of awards shall take place in front of the main spectator area at the conclusion of each Final.
- 350.10 Drug Testing: shall take place immediately after the Award Ceremony in accordance with current IAU/IOC regulations.
- 350.11 Field Layout: eight (8) buttresses shall be set out at 50 meters at 2 meters centers, positioned directly opposite the main VIP and spectator viewing area. The Finals targets shall be numbered targets 1 to 8. New (un -shot) target faces (Art. 317) shall be mounted for the Final. In the final 50m, add one empty buttress without number on the right side and one other on the left side.
- 350.12 Field Equipment: the following additional equipment will be required for the Final Round:
- Electronical Scoring for Final 50m shall be used. The display screen(s) must be large enough and clear visible for spectators and media.
- An IAU approved wireless system could be used.
- If this electronical system is not available, a large Finals Scoreboard having provision for the names of each of the 8 Finalists, their respective Country Abbreviations, Qualifying Scores, Final Scores (scoring value for each Final shot is to be sequentially displayed), Running totals and Final Positions. The scoreboard is to be located adjacent to the shooting line, accessible to the scorers and in clear view of the spectators and media.



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A Safety Refuge at either side of the target line to provide cover for the IJs, Pullers and Runners.

- 350.13 Judges: the DOS shall be assisted by three (3) IJs who will respectively supervise the Finals and be responsible for deciding the scoring value of bolts. The DOS shall control the Finals using amplified voice commands (over a PA system), communicating with the IJs via Radio Telephone units.
- 350.14 Scoring: the IJs shall act as Scorers and record the scoring value of each bolt on Score sheets provided by the Organizing Committee.
- 350.14.1 The organizing committee shall Provide sufficient Field Officers (FOs) to post scores on the Finals Scoreboard as directed by the IJs.
- 350.15 Pullers: the IJs shall be assisted by Pullers who will be designated by the Finalists to pull their bolts, i.e., eight (8) Pullers (1 per Finalist).
- 350.16 Runners: the Organizing Body shall provide two Runners to ensure that the bolts are returned to the Finalists between ends. The IJs are responsible for the supervision of the runners under the direction of the DOS.
- 350.17 Reporting Time: the Finalists must report at their assigned shooting stations 10 minutes before the scheduled starting time for the appropriate Final.



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350.18 Time Control and Commands: the DOS shall control shooting of the Final with the following amplified voice commands:

Five Minutes to Sighters: Countdown begins. Finalists may take up their assigned positions on the shooting line. Practice of the shooting stance is permitted in accordance with Art. 320.4. Traffic lights set to RED.

One Minute to Sighters: Countdown continues.

Twenty Seconds to Sighters: With 20 seconds remaining.

For Sighting Shots Load: Finalists may draw their bow strings and place a bolt into the crossbow.

Attention: Finalists may adopt their shooting position and shoulder the crossbow.

3-2-1 Start: Five (5) minute time limit begins. Traffic lights change to GREEN.

Stopp: When five (5) minute time limit expires or when all Finalists have completed their end of three (3) sighting shots, whichever is the sooner.

Traffic lights change to RED.

Collect Your Bolts: Finalists must advance to the targets and retrieve their bolts.

One Minute to Final: From the time the last Finalist has returned to his/her position on the shooting line.



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Twenty Seconds:

With 20 seconds remaining.

For the First Competition
shot load:

Finalists may draw the bow string and place a bolt into the crossbow.

Attention:

Finalists may adopt their shooting position and shoulder the crossbow.

3-2-1 Start:

One (1) minute time limit begins.

Traffic lights change to GREEN.

Stopp:

When one (1) minute time limit expires or when all Finalists have taken their Competition shot, whichever is the sooner.

Traffic lights change to RED.

Score the Targets:

IJs and Bolt Pullers advance to the targets for scoring. The IJs relay the scoring values back to the DOS who announces the scores in target number order (Art. 350.6.1). After the first Competition shot the Runners use this period



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to return bolts to the Finalists.

At a signal from the IJs

that scoring is complete,

IJs Bolt Pullers and

Runners retire behind the

refuge.

For the Second

Sequence is repeated until

Competition Shot Load:

Final Round is completed

and the award winners are determined.

350.19	Suggested time schedule for world championship	
Day 1	Arrival of teams, Open training	12:00-16:00
Sunday		
Day 2	Open training	10:00-16:00
Monday	Technical control	09:00-17:00
	Delegates Meeting and VIP, Draw for target assignments – Open Competition	17:30-18:00
	Reception	
Day 3	Open Competition	09:00-16:00
Tuesday	Awards ceremony	17:00-17:30
	Technical control	08:00-12:00
	Draw for target assignments	18:00- 19:00
Day 4	Official training	09:00-15:30
Wednesday	Technical control	08:00-12:00
	Opening ceremony	18:00



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Day 5

Thursday	Qualification Round 1 (IR 900)	09:00-16:00
	Flowers ceremony, Team	16:30-17:00

Day 6

Friday	Qualification Round 2 (IR 900)	09:00-16:00
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Day 7

Saturday	Final Rounds	
	& Individual Flowers ceremony	09:00-15:00
	Banquet & Team Awards	19.30

Day 8 Departure of Teams

Sunday

350.20 Suggested time to shoot final rounds

The top 8 competitors in each category will shoot in their respective Finals. All 8 competitors shoot together shoulder to shoulder IR 1800.

Preparation time	10 minutes
Sighting shots	05 minutes
Collection of bolts	01 minutes
Countdown	01 minute
Scoring shot	01 minute x 10
Scoring and collection	1,5 minutes x 10
<u>Subtotal</u>	<u>42 minutes</u>



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Time between last shoot

and Flowers Ceremony 05 minutes

Flowers Ceremony 05 minutes

Time between Flowers Ceremony

and next final 08 minutes

Subtotal 18 minutes

1st Final 42 minutes

Interval between finals 18 minutes

2nd Final + interval until 3rd 60 minutes

3rd Final + Interval until 4th 60 minutes

4th Final + interval until 5th 60 minutes

5th Final 60 minutes

Time to shoot Final Rounds 300 minutes

(5 hours)



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IAU SHOOTER – DECLARATION

To be completed and signed by competitor

Please print

First name, Name:

Nationality:

Date of Birth:

I hereby confirm that I am aware of the regulations and penalties in force for the official competitions of the IAU relating to the fight against doping. I agree to submit to the doping control tests, to accept the results of such tests and to abide by the respective regulations in their prevailing form at any given time.

I agree that any dispute arising between myself and the IAU which cannot be settled amicably and which remains once the procedures provided for in the IAU regulations have been exhausted, shall be settled finally by a tribunal composed in accordance with the Statutes and Regulations of the Court of Arbitration for Sport, Lausanne, Switzerland, to the exclusion of any recourse to ordinary courts. The parties undertake to comply with the said Statutes and Regulations, accept the award rendered and in no way hinder its execution. The IAU accepts completely the WADA Anti-Doping regulations.

Place and Date:

Signature:

In case of minor age signature of legal representative.