



# UIPM

Union Internationale  
de Pentathlon Moderne

# 2017 UIPM LASER RUN WORLD CHAMPIONSHIPS AND CITY TOUR COMPETITION GUIDELINES

*as at 1 January 2017*





**UIPM**

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de Pentathlon Moderne

2017  
UIPM LASER RUN WORLD CHAMPIONSHIPS  
AND CITY TOUR COMPETITION  
GUIDELINES  
*as at 1 January 2017*

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# ABBREVIATIONS

MORE  
THAN  
SPORT

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|              |                               |             |  |
|--------------|-------------------------------|-------------|--|
| <b>EB</b>    | Executive Board               | <b>Mins</b> | minutes                                    |
| <b>FOP</b>   | Field of Play                 | <b>NF</b>   | National Federation                        |
| <b>GL</b>    | Guidelines                    | <b>NTO</b>  | National Technical Observer                |
| <b>HQ</b>    | Headquarters                  | <b>PG</b>   | Penalty Start Gate                         |
| <b>HMT</b>   | Hit & Miss Target             | <b>QC</b>   | Qualification Competition                  |
| <b>ID</b>    | Identification                | <b>SL</b>   | Shooting Line                              |
| <b>LR</b>    | Laser Run                     | <b>TC</b>   | Technical Committee                        |
| <b>LOC</b>   | Local Organising Committee    | <b>TD</b>   | Technical Delegate                         |
| <b>LPA</b>   | Last Penalty Area             | <b>TM</b>   | Technical Meeting                          |
| <b>LPT</b>   | Laser Precision Target        | <b>UIPM</b> | Union Internationale de Pentathlon Moderne |
| <b>LRCT</b>  | Laser Run City Tour           | <b>WADA</b> | World Anti-Doping Agency                   |
| <b>LRWCH</b> | Laser Run World Championships |             |  |

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## PART A

## THE EVENT

### 1 PRESENTATION OF THE EVENT

The UIPM Laser Run (LR) consists of laser shooting and running. The shooting involves laser pistol shooting in series at a range equipped with laser targets. Each series of shooting is followed by running set distances shown throughout this guideline. UIPM LR can be organised in different divisions.

#### 1.1 The Laser Run competitions

- The UIPM Laser Run World Championships (LRWCH) are the highest level of competition of Laser Run organized by UIPM.
- The UIPM Laser Run City Tours (LRCT) are promotional events meant to bring local population and school participants to the sport. At the end of each year, UIPM will have World Ranking for LRCT. The 1st athlete in the ranking list of each category will be invited to LRWCH at UIPM cost.

#### 1.2 The Laser Run competition divisions

##### 1.2.1 Elite Division

- For UIPM registered athletes representing the National Federations and the countries.
- Registrations will be open at least 3 months before the competition through NF portal at top of the UIPM website ([www.UIPMworld.org](http://www.UIPMworld.org)) homepage for LRWCH.
- Starting numbers will be distributed onsite determined by entry times registered by the NFs.
- Individual and relay medals.
- LRWCH result will be live result available online at UIPM website homepage.

#### INDIVIDUAL

| Category              | Running Sequences | Total distance | Shooting Sequences | Distance to the targets |
|-----------------------|-------------------|----------------|--------------------|-------------------------|
| Under 11              | 2x400             | 800m           | 2x5 hits           | 5m (2 hands optional)   |
| Under 13              | 3x400             | 1200m          | 3x5 hits           | 5m                      |
| Under 15              | 4x400             | 1600m          | 4x5 hits           | 7m                      |
| Under 17              | 4x400             | 1600m          | 4x5 hits           | 10m                     |
| Under 19              | 4x800             | 3200m          | 4x5 hits           | 10m                     |
| Juniors (19-21 years) | 4x800             | 3200m          | 4x5 hits           | 10m                     |
| Seniors (22-39 years) | 4x800             | 3200m          | 4x5 hits           | 10m                     |
| Master 40+            | 4x400             | 1600m          | 4x5 hits           | 10m                     |
| Master 50+            | 3x400             | 1200m          | 3x5 hits           | 7m                      |
| Master 60+            | 3x400             | 1200m          | 3x5 hits           | 7m                      |

#### MIXED-RELAY (1 female 1 male)

| Category | Running Sequences (per person) | Total distance (per person) | Shooting Sequences (per person) | Distance to the targets |
|----------|--------------------------------|-----------------------------|---------------------------------|-------------------------|
| Under 11 | 2x400                          | 800m                        | 2x5 hits                        | 5m (2 hands optional)   |
| Under 13 | 2x400                          | 800m                        | 2x5 hits                        | 5m                      |
| Under 15 | 2x400                          | 800m                        | 2x5 hits                        | 7m                      |
| Under 17 | 2x400                          | 800m                        | 2x5 hits                        | 10m                     |
| Under 19 | 2x800                          | 1600m                       | 2x5 hits                        | 10m                     |

|                          |       |       |          |     |
|--------------------------|-------|-------|----------|-----|
| Juniors<br>(19-21 years) | 2x800 | 1600m | 2x5 hits | 10m |
| Seniors<br>(22-39 years) | 2x800 | 1600m | 2x5 hits | 10m |
| Master 40+               | 2x400 | 800m  | 2x5 hits | 10m |
| Master 50+               | 2x400 | 800m  | 2x5 hits | 7m  |
| Master 60+               | 2x400 | 800m  | 2x5 hits | 7m  |

### 1.2.2 Open Division

- For athletes who are not representing the National Federations and want to compete individually.
- Registrations will be open at least 3 months before the competition through LRWCH registration open link on UIPM website ([www.UIPMworld.org](http://www.UIPMworld.org)) homepage.
- Starting numbers will be distributed onsite determined by either entry time or random draw.
- Only Individual medals

#### INDIVIDUAL

| Category                           | Running Sequences | Total distance | Shooting Sequences | Distance to the targets |
|------------------------------------|-------------------|----------------|--------------------|-------------------------|
| Under 11                           | 2x400m            | 800m           | 2x5 hits           | 3m (2 hands optional)   |
| Under 15                           | 3x400m            | 1200m          | 3x5 hits           | 5m                      |
| Under 19                           | 4x400m            | 1600m          | 4x5 hits           | 5m                      |
| Juniors - Seniors<br>(19-39 years) | 4x400m            | 1600m          | 4x5 hits           | 5m                      |
| Masters 40+                        | 3x400m            | 1200m          | 3x5 hits           | 5m                      |
| Masters 60+                        | 2x400m            | 800m           | 2x5 hits           | 5m                      |

### 1.2.3 Registrations for LRCT

Unlike LRWCH, registrations for LRCT will be controlled exclusively by the organizers, with no registration at UIPM website. Therefore, LOC will manage athletes' division allocation with flexibility to adopt which is established by articles 1.2.1 and 1.2.2.

### 1.2.4 Result of the LRCT

All LRCT result will need to send to UIPM HQ according to LRCT result template that will be sent to each organizer after approval of the each LRCT. The results including all divisions and categories need to send within 24 hours after each LRCT.

## 2 AUTHORITIES

### 2.1 UIPM TD/NTO Control

UIPM LR competitions fall under the obligatory control of UIPM Technical Delegates or National Technical Observers. The UIPM HQ will inform the LOCs on the UIPM appointed authorities at the earliest convenience.

### 2.2 Local Organising Committee (LOC)

- The constitution, responsibilities and obligations of the LOC must follow the bidding and application forms.
- The LOC is responsible to provide:
  - an unlimited supply of potable water at each event and to make available other fluid replacement. It is further responsible to provide general medical assistance and emergency transportation to a hospital, sanitary facilities at each site and throughout the competition;
  - the necessary technical equipment at the venues, including professional technical support and results software for displaying results. For LRWCH, a highly visible scoreboard and projection screen in the venue is needed. (See Part C for more LOC provided equipment details.)



## 2.3 Authorities appointed by the LOC

**2.3.1 Laser Run Director**, who is overall in charge of the competition. The LR Director:

- i. is responsible for the overall correct conduct of the competition;
- ii. permits the athletes to start warming up.

**2.3.2 Shooting Director** who is in charge of:

- i. supervising the Range Officers, Shooting Judges, Equipment Control Officers and the Range Personnel;
- ii. the correct conduct of the shooting event;
- iii. informing the athletes and coaches of the final minute and 30 seconds remaining of warming up time on the shooting range, which ends 3 minutes before start of competition;
- iv. communicating all reported irregularities and penalties to the TDs/NTOs.

**2.3.3 Range Officers**, appointed one per 10 firing points, are responsible for:

- i. checking that athletes use the right firing points;
- ii. checking the names and start numbers of athletes to ensure that they conform to the event schedule, start list, scorecards and range register;
- iii. controlling athletes' clothing (shirts with name and numbers - for elite division only);
- iv. verifying that athletes' pistols have been inspected and approved by the Equipment Control Section;
- v. applying and checking (in collaboration with the Shooting Judge) any 10 second penalty imposed on an athlete at their shooting station;
- vi. communicating all irregularities and penalties to the Shooting Director.

**2.3.4** The Shooting Director must appoint one **Shooting Judge** for each shooting station. The Shooting Judges are responsible for:

- i. observing all shots;
- ii. ensuring that each athlete's pistol touches shooting table between each shot;
- iii. after each shooting series, checking that the pistols are safe. A laser pistol is safe when untouched and placed on the shooting table pointing down the range;
- iv. informing the Shooting Director immediately as to any infringement of the rules;
- v. applying and in collaboration with the Range Officer checking any 10-second penalty imposed on an athlete at the shooting station, such penalty needs to have approval from TD/NTO in range before applying.
- vi. starting the stop-watch at the first attempted shot. The Shooting Judge must inform the athlete if the target lights do not indicate the first shot. The Shooting Judge must inform the athlete 5 seconds before the 50 second time limit expires by saying "Position XX 5 seconds remain", and giving the command "Position XX GO", to the athlete when the 50 second time limit has expired.

**2.3.5 Running Director** is responsible for:

- i. coordinating the activities of all Running Officials: Course Judges, Marshall, Starter, Deputy Starters, Starter's Assistants, Arrival Judges, Timekeepers, Recorders, Announcers, Last Penalty Stop Area Judges;
- ii. supervising the building of the course and the conduct of the event.

**2.3.6 The Course Judges** are placed by the Running Director so that they may best observe the running closely. In case of a foul, deviation from the course, unauthorised assistance or any violation of these guidelines by anyone they shall immediately report this to the Running Director orally and later in writing.

**2.3.7** The Marshall has full charge of the start/finish area and the shooting range area. The Marshall must not allow any person other than the officials and competing athletes to enter or to remain there. The Marshall can be assisted by one or more assistants.

- 2.3.8** The **Starter** has entire control of the athletes while on their marks and is the sole judge of any fact connected with the start of the race. The Starter is responsible giving the start signal to the first athlete when they are due to start. The Starter will apply false start penalties and inform the Running Director who in turn will inform the Announcer.
- 2.3.9** The **Deputy Starter** is under the supervision of the Starter. Deputy Starters must not have physical contact with the athletes. Their duties are to ensure that each athlete starts on time.
- 2.3.10** The **Starter's Assistant** must check the athletes in the start line and ensure that the athletes are lined up in correct order, at the right time, wearing the correct clothing, with the correct name and national code, and with numbers properly fastened front and back. Any violation of these guidelines must be reported immediately to the Running Director.
- 2.3.11** The **Arrival Judges** are responsible for registering the arrival order of the athletes at the finish line. Two groups of two judges working independently are needed.
- 2.3.12** The **Timekeepers** must use their stopwatches or manually operated electronic timers with or without digital readouts. Whether automatic timing is used or not, there should always be three Timekeepers. Their responsibility is to record the times of the athletes.
- 2.3.13** The **Announcer** is responsible for informing the public of the names and numbers of the athletes taking part in the competition and other relevant information such as intermediate times. The results (places and times) must be announced at the earliest possible moment after receipt of the information.
- 2.3.14** In the last **Penalty Stop Area** two Judges stay at the special penalty area located half way between the shooting range and the finish line, ready to apply penalties that cannot be applied at the shooting station.
- 2.3.15** **Equipment Controllers** must inspect, measure and verify the laser shooting equipment under the guidance of a UIPM laser expert, and test the weapons and other shooting equipment and clothing.
- 2.4**  
**Competition Jury**
- i. A Competition Jury is established for each competition. Upon decision of the Event Director and the UIPM TD/NTO, a second or third Competition Jury may be established for the other gender or for different Relays.
  - ii. The Competition Jury consists of three members, all of them holding an International Judge's licence for the LR event. The Event Director or his Deputy, appointed on behalf of the UIPM by the LOC, holds the chair of the Competition Jury. It further consists of the Shooting or the Running Director and a LR UIPM Judge Licence holder elected in the Technical Meeting among the NF delegates by the team representatives. For these elections, each NF has one vote.
  - iii. The Competition Jury imposes disqualifications according to these Guidelines and disciplinary punishments and disciplinary measures in accordance with this document. Before such a decision a legal hearing must be offered to the athlete and/or representative of his/her team and any other person accused. The Competition Jury is independent and is not restricted in the admission or evaluation of evidence.

### 3 ORGANISATION AND SCHEDULE

#### 3.1 General Aspects

- i. Competition materials/equipment and clothing includes all the materials, equipment, competition gear and clothing which the athlete uses during the LR competition. These materials, including any advertising, must be controlled before the competition.



- a. In case a pistol ceases to function the athlete can use another pistol as long as this reserve pistol, provided by the athlete, has previously been inspected, approved and marked by the Equipment Control Section (in case of onsite tests).
  - b. After the equipment has been approved (in case of onsite tests), the pistol must not be modified or adjusted at any time before or during the event in any way that would conflict with the UIPM Equipment Regulation unless with the agreement and under the supervision of the Range Officer.
  - c. Any unapproved alterations or exchange will incur a penalty. If there are any doubts regarding any alteration, the pistol must be returned to the Equipment Control Area for re-inspection and approval (in case of onsite tests).
  - d. Appropriate CO<sub>2</sub> and air tank must be available on the shooting range area for the athletes using containers with air (as long as such containers are in use).
  - e. During Relay competition, only the competing athlete's pistol may be laid on the top of the shooting table. Only the athletes are authorised to move their pistols from the pistol storage under the table to the top of the shooting table.
- ii. In LRWCH athletes have to accept and undergo doping controls according to the UIPM Anti-Doping Rules and Procedures.
  - iii. A Technical meeting (TM) must take place one day before of the competition for LRWCH. In addition, if both individual and relay are going to take place, it is needed to arrange 1 TM for individual and 1 TM for relay. After the TM, no changes will be allowed.

For LRCT, it depends on the number of the participations. The LOC can decide to have TM either one day before or have it 2-3 hours before the competition at the same day morning. Athletes and teams or representatives are required to arrive to the TM to confirm their participation.

### 3.2 Technical Meeting

- i. The TM is a part of the competition and is held before the first event of the competition. A team unable to be present at the TM must inform the LOC at least 24 hours in advance with the necessary data (name of the athlete, registered athletes' ID number) and delegate another nation or official to represent them. Teams not represented at the TM will not be allowed to start the competition.
- ii. At the TM, the chief officials of the LOC and the UIPM, and the members of the Competition are introduced as well as instructions concerning the competition must be given.
- iii. Exceptionally, for the open divisions, if the LOC receives additional competing request after the TM, which could fit in the competition time without changing Elite division schedule, LRCT organizers could arrange additional races at the end of the competition programme.

### 3.3 Starting Order

The start is always a pack start even if there are qualifications or not.

#### 3.3.1 Athletes Order inside the Team in the Relay

- i. The start order in the Relay must be declared in writing by the team representative for each participating team member before the TM and, once approved by the UIPM TD/NTO, cannot be changed. It is not possible to substitute the registered athletes after the TM, except in case of force majeure, which shall be determined by the decision of the UIPM TD/NTO.
- ii. For the Mixed Relay, Women compete first, then Men.

#### 3.4 Warming up, Zeroing and Preparation Time

- i. For LRWCH, the warm up will be made possible on a warm up shooting range specially set up separately and next to the competition area. There won't be possibility to warm up on the competition shooting range except 5 min before the organization to check that connection between the pistol and the target is efficient at competition shooting range.
- ii. For the competition without separate warm up shooting range, the LR Director asks athletes to enter their shooting stations. Each shooting station corresponds to the athlete's starting number. Athlete No1 shoots at station No1, athlete No 2 shoots at station No 2 and so on.

- iii. For warm-up at the competition shooting range, the warm-up starts after the appropriate command ("15 minutes Warm Up - START") by the Shooting Director.
- iv. During the warm up period athletes may run and shoot an unlimited number of shots. The use of constant beam is only authorised in the warm-up.
- v. At the competition shooting station, athletes may use water and towels, which must be kept under the table with the reserve pistol and any binoculars used during warm up. No video camera is allowed in the shooting station.
- vi. The Shooting Director will inform the athletes of start of the warm up 15 minutes before the competition as well as of the last 5 minutes, the last minute and final 30 seconds remaining of the shooting session warm up.
- vii. After the warm up and before the start signal, the pistols must remain on the assigned shooting station. The reserve pistol must be under the shooting table.
- viii. During the warm up, coaches may assist and communicate with athletes from a specially marked area for coaches outside the shooting stations and the running corridor.

## 4 CONDUCT OF THE COMPETITION

### 4.1 The Series

- i. The LR competition is in series. Each series consists of hitting 5 targets with an unlimited number of shots in a maximum time of 50 seconds on a target with a valid zone of dimension 59,5mm. If after 50 seconds one or more targets have not been hit (or the athlete has not hit the valid zone 5 times) the athlete may start running without being penalised after getting the sign from shooting judge behind.
- ii. Malfunctions are not taken into consideration. Should a pistol cease to function, the athlete may use the reserve pistol or another cylinder that must have also been approved by the Equipment Control Section. If a shot has not fired due to a malfunction, the athlete may use the reserve pistol without interruption. If the reserve pistol also does not work the athlete must wait at the shooting station until the 50 second shooting time has expired before starting running.
- iii. Reserve targets can be used, but the athlete needs permission from the range officer/ TD to change to a reserve target.

### 4.2 The Start

- i. Athletes have a pack start. Starting numbers will be determined as follow:
  - Elite Division: according to entry times registered by NFs
  - Open Division: according to entry time or determined randomly by draw
- ii. Athletes are responsible for being at the start line on time and for starting on time.
- iii. The 15 minutes warm up finishes 3 minutes prior to the start of the competition. The Announcer will notify "10 minutes" and "5 minutes" before the end of the warm up. After that and under the command of the LR Director, the Announcer will declare the warm up finished. All athletes must be at the start area and the Starter/Starter Assistants will begin lining up the athletes. One minute before the start, all athletes must be at the corresponding gates assembled for the mass start.
- iv. The Starter will announce – "**One minute to start**"; "30 seconds", "20 seconds" and "10 seconds to the Start." After the OK has been given by the Timekeepers and the LR Director, the Starter will tell the athlete "**Take your Marks**", followed by the start signal. All timing equipment will start at the start signal. **At the start area, a start clock must be placed so that it is easily readable from the start line and by the timekeepers.**

#### 4.2.1 False Start

- i. The Starter/Announcer must immediately announce to the athlete and spectators if an athlete has started too early and inform them of their false start.
- ii. A athlete starting late will not be penalised, but their time will be taken from the moment they should have started in the pack start.
- iii. A false start occurs if an athlete crosses the start line before the official start time. Before the start both feet must be behind the start line.



#### 4.3 Shooting

- iv. In the event of a false start from the shooting line the same rules will be applied: a 10 second penalty for a false start and disqualification in the case of a blatant attempt to start too early. Such 10 second penalty on a pentathlete is imposed at their shooting station; before applying any penalty, the range officers need to have approval from TD. If the penalty cannot be imposed at the shooting station, it will be added to the final running time at the end of the race.

#### 4.4 Running

- i. Athletes are responsible for shooting on the correct target.
  - ii. The athlete must stand with both feet on the ground, without support, completely within the shooting station. The entire pistol must be held and shot with one hand only excepting in under 11 category. The unarmed hand must not give support to the armed arm or hand.
  - iii. The laser pistol must touch the table between every shot.
- i. Athletes must follow the course from crossing the start line, going to the shooting range for each shooting series and, having completed the correspondent series of the shooting and running the distance according to their category, cross the finish line.
  - ii. If informed by a Judge and/or announced by the sound system, the athlete must stop and remain in the Last Penalty Stop Area for the time indicated.
  - iii. The Last Penalty Area will be located half way between the shooting range and the finish line.
  - iv. During the race no athlete may accept any physical assistance or refreshment. In exceptional circumstances this can be allowed if so decided by the LR Director and Technical Delegate. Running by a non-competitor with or behind an athlete may be considered as unauthorised assistance. A hands-on medical examination by official medical personnel during the progress of the event and verbal or other communication from a person not on the course is not unauthorised assistance.
  - v. The athlete/team must complete the course by passing finishing line to register a finish time.

#### 4.5 The Finish

- i. Athletes will be timed and placed in the order in which any part of their torso (as distinguished from the head, neck, arms, legs, hands or feet) reaches the vertical plane of the nearer edge of the finish line.
- ii. The first athlete crosses the finish line will be the winner of the competition.
- iii. The competition result will be based on the competing time of the athletes, the fastest is ranked better.

### 5 INFRINGEMENTS AND PENALTIES

#### 5.1

An athlete is penalised by a time penalty of **Ten Seconds (10)** for each of the following offences:

- i. contravening clothing regulations;
- ii. modifying the dimensions of the start numbers;
- iii. a false start;
- iv. not touching the shooting table between each shot (before applying such penalty a warning must be issued to the athlete orally by the shooting judge immediately after he/she sees it at first moment). The respective judge and range officer need to have approval from TD/NTD in range before applying such penalty.
- v. starting the running leg before the shooting time has expired without having completed successfully each shooting series\*.

\*This penalty is paid at the shooting range, with the exception of the final shooting series where it is paid in the Last Penalty Stop Area.

#### 5.2

An athlete is **eliminated** for:

- i. not completing the course;
- ii. deviation, deliberate or not, from the course which in the opinion of the Course Judge gained a material advantage;

- iii. unauthorised assistance, if not disqualified, at the discretion of the Competition Jury;
- iv. using an unapproved pistol;
- v. shooting on the wrong target;
- vi. not stopping at the last stop penalty area when instructed by an official;
- vii. using constant beam during the competition series and/or audio communication outside preparation and warm up time.

### 5.3

An athlete is **disqualified** for:

- i. modifying or adjusting an officially approved pistol so that it violates the rules;
- ii. exchanging their pistol in violation of the rules;
- iii. a blatant attempt to start too early;
- iv. jostling, running across or obstructing another athlete so as to impede their progress.

## PART B

## INDIVIDUAL EQUIPMENT

### 6 CLOTHING REGULATIONS

#### 6.1 General aspects

- i. Competitive apparel may be either one piece or two piece. It should be made of a material to allow for a "form fitting" appearance. No unreasonably loose clothing shall be allowed.
- ii. For Elite division, athletes must have their name clearly visible and professionally made on the back of the top of their apparel, below which is the NF code, of a size between 7-12 cm and in a contrasting colour to the colour of their shirt.
- iii. Athletes participating in UIPM LR competitions and representing the same NF must wear the same style and colours of competitive apparel in order to clearly identify the country which they represent.
- iv. Athletes competing in the mixed relay event and representing the same NF must wear the same design and colours of competitive apparel.
- v. Competitors must compete with athletic shoes, with or without spikes. Any spike restrictions must be advised by the LOC in their invitation letter.
- vi. The LOC is responsible for providing every competitor with two start numbers.
- vii. The numbers must be worn on front and back above waist height and be visible in all weather conditions.

### 7 PISTOL REGULATIONS

#### 7.1 General aspects

Only for UIPM LRCT sets of pistols and targets could be provided by the UIPM to the LOC. All the equipment provided will be previously tested and controlled by UIPM experts according to these guidelines. For all other competitions, the following items must be followed by all competitors under the supervision and testing by the LOC.

#### 7.2 The Laser Pistol

- i. Only single shot pistol is allowed without any form of magazine or clip. The shot must be activated by a mechanical trigger.
- ii. The weight of the pistol with all accessories must not exceed 1500 grams. There must be capability of vertical and horizontal aiming correction. The minimum weight is 800 grams (tolerance 5%), for Under 17 competitions 500 grams (tolerance 5%).
- iii. The overall size of the pistol is limited to dimensions which permit it to be enclosed completely in a rectangular box with inside dimensions of 420mm x 200mm x 50mm. A manufacturing tolerance of + 1.0mm in the dimensions of the box is permitted. The minimum overall size is 20% of the above dimensions (336mm x 160mm x 40mm) with the same tolerance.



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## PART C

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## FACILITIES AND EQUIPMENT PROVIDED BY THE LOC

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### 8 FACILITIES - THE FIELD OF PLAY

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#### 8.1 The Venue

The LR venue is the site on which the competition is conducted, and consists of the shooting range and the running course. The LOC is responsible for providing a safe and acceptable course.

#### 8.2 The Running Course

- i. The course must be clearly marked and defined so that an athlete is at no time in doubt how to follow the course. The course can be laid out on any kind of surface or surfaces. It must be designed so that there is a minimum risk of injury to the athletes without therefore no sharp turns or steep declines.
- ii. The total course must be wide enough to permit two runners to pass each other at any point on the course. Certain obstacles on the course are acceptable with the TD approval.
- iii. The start and finish line must always be in the same area.
- iv. In the Relay competition, the start line and the finish line must be a minimum 5m wide. 10m on each side of the finish line must be set for a hand-over zone of 20m length. Thus, the dimension of the zone will be 20m x minimum 5m. This zone must be clearly marked by demarcation lines.

#### 8.3 The Shooting Range

- i. The range can be indoor or outdoor and must be constructed so that direct sun does not disturb the athletes. The targets should be positioned so that the sun does not interfere directly with the registering of shots on the targets.
- ii. The shooting range must be built in such a way it can guarantee the safety of the athletes, coaches, judges and spectators. The shooting distances are 10, 7, 5 or 3 metres (according to the competition division), measured from the shooting lane to the target face.  $\pm 0,05\text{m}$  is accepted as tolerance.
- iii. The shooting range must be prepared in such a way the spectators can enjoy the competition and watch the finish, so with the finish line near the shooting range.
- iv. The shooting station must be marked with numbers of a minimum height 12cm, corresponding to the shooting point number. Shooting station no. 1 must be the farthest away from the starting gates.
- v. The competitor shooting area (minimum 1m and maximum 2m wide x 1.5m deep minimum) must be clearly defined with visible ground painted lateral lines. Paint of lateral lines can be replaced by branding triangle or small banner.
- vi. Targets must be marked with numbers corresponding to their shooting station number. The numbers must have a minimum height of 25cm to be easily seen under normal shooting conditions with normal vision from the appropriate shooting station and from VIP area, public seats and TV cameras.
- vii. The LOC must guarantee provision of 2 reserve spare targets, numbered R1 and R2.
- viii. The height of the target centre must be within the following height measured from level of the floor of the shooting point:
  - a. standard height variation: 1,40m +/- 0,05 m
  - b. horizontal variation: 0,25 m.
- ix. The shooting station must be equipped with:
  - a. a table or bench, about 0,7m – 0,8m high. With laser pistol at the top of the table there should be a soft branded foam cushion provided by LOC/ UIPM ( $\pm$  A4 square size, not more than 8cm height) to avoid disturbances on the system;
  - b. the table must have a protection for the pistol in case of rain (waterproof box) or a place under the table.

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## **9 EQUIPMENT PROVIDED BY THE LOC**

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### **9.1 Target Requirements**

Only Laser Hit & Miss Targets (HMT) or Laser Precision Targets (LPT) homologated by UIPM can be used in UIPM Laser Run World Championships and Laser Run City Tours.

### **9.2 Boxes**

The LOC must provide boxes in the shooting range per station for athletes' use. These boxes are to be removed from the shooting range at the start and stored in a safe place until after competition.

### **9.3 LOC Control Devices and Tools**

#### **9.3.1 Material Control**

Clothing control is made by observation, using a ruler if necessary. For the control of all kind of pistols the LOC must have: box for dimensions, scale for the weight, trigger weight device, ruler, square, angle scale and a system to register and mark the approved pistols. For the laser pistols and containers, the LOC must also have instruments to check the laser beam - power, diameter and time - and the power of the battery.

#### **9.3.2 Laser Pistol Tests**

The UIPM might arrange shooting equipment test for both targets and athletes' pistols at random basis, such test will be informed to the LOC beforehand for needed assistance.



## PART D

### PENALTY TABLE

#### LASER RUN

##### Appendix 1A

## ANNEX

| OFFENCES   | Rule    | Penalty  |                  |           |
|--|---------|----------|------------------|-----------|
|  |         | 1st time | Subsequent       | Paid at*  |
| Contravening clothing regulations  | 5.1 i   | 10"      | -                | PG        |
| Modifying dimensions of start numbers  | 5.1 ii  | 10"      | -                | PG        |
| False start  | 5.1 iii | 10"      | -                | SL        |
| Not touching the shooting table between each shot.   | 5.1 iv  | 10"      | 10"              | SL or LPA |
| Starting running before the shooting time has expired without having successfully completed the shooting series ("5 green lights") | 5.1 v   | 10"      | 10"              | SL or LPA |
| Not completing the course  | 5.2 i   |          | Elimination      |           |
| Deviation, deliberate or not, from the course  | 5.2 ii  |          | Elimination      |           |
| Unauthorised assistance  | 5.2 iii |          | Elimination      |           |
| Using a non-approved pistol  | 5.2 iv  |          | Elimination      |           |
| Shooting on a wrong target   | 5.2 v   |          | Elimination      |           |
| Not stopping at the last penalty area when instructed by an official   | 5.2 vi  |          | Elimination      |           |
| Using constant beam during the competition series and or audio communication outside of preparation and warm up time.              | 5.2 vii |          | Elimination      |           |
| Modifying or adjusting the approved pistol   | 5.3 i   |          | Disqualification |           |
| Exchanging for a non approved pistol   | 5.3 ii  |          | Disqualification |           |
| Blatant attempt to start too early   | 5.3 iii |          | Disqualification |           |
| Jostling, running across, or obstructing another athlete   | 5.3 iv  |          | Disqualification |           |

\* - Penalty Start Gate – PG; Shooting Line – SL; Last Penalty Area - LPA

The penalty for the offence of 5.1 v, if committed in the last shooting series, will be paid in the Last Penalty Area.



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## MORE THAN A SPORT

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