

# THE WORLD GAMES 2013 ORIENTEERING EVENT

August 1 – 4, 2013



## BULLETIN 4 Event Information

July 25, 2013

## Table of Content

|   |    |
|---|----|
| Welcome.....  | 4  |
| 1. General Information about The World Games 2013 .....     | 5  |
| 1.1 <i>The World Games</i> .....                            | 5  |
| 1.2 <i>Venue</i> .....                                      | 5  |
| 1.3 <i>Orienteering competition venues</i> .....            | 5  |
| 2. Accommodation, meals and transportation.....             | 5  |
| 2.1 <i>Accommodation</i> .....                              | 5  |
| 2.2 <i>Meals</i> .....                                      | 6  |
| 2.3 <i>Transport</i> .....                                  | 6  |
| 3. The World Games 2013 Orienteering Event.....             | 6  |
| 3.1 <i>Programme</i> .....                                  | 6  |
| 3.2 <i>Jet Lag Day</i> .....                                | 7  |
| 3.3 <i>Organizing Committee</i> .....                       | 7  |
| 3.4 <i>Event Controllers</i> .....                          | 7  |
| 3.5 <i>Jury</i> .....                                       | 8  |
| 3.6 <i>Competition Rules and permitted deviations</i> ..... | 8  |
| 3.7 <i>Participants</i> .....                               | 8  |
| 3.8 <i>Overview of orienteering event</i> .....             | 9  |
| 3.9 <i>Embargoed Areas</i> .....                            | 9  |
| 3.10 <i>Scheduled Transport Service</i> .....               | 11 |
| 3.11 <i>Use of own transport</i> .....                      | 11 |
| 4. Technical Information .....                              | 11 |
| 4.1 <i>Maps</i> .....                                       | 11 |
| 4.2 <i>Map Protection and Dimensions</i> .....              | 12 |
| 4.3 <i>Special Map Symbols</i> .....                        | 12 |
| 4.4 <i>Special Features</i> .....                           | 12 |
| 4.5 <i>Courses</i> .....                                    | 12 |
| 4.6 <i>Location and sketeches of finish arenas</i> .....    | 13 |
| 4.7 <i>Model Event</i> .....                                | 14 |
| 4.8 <i>Terrain Description</i> .....                        | 14 |
| 4.9 <i>Tracking</i> .....                                   | 16 |
| 4.10 <i>Anti-Doping</i> .....                               | 16 |
| 4.11 <i>Punching and Timing Systems</i> .....               | 16 |
| 4.12 <i>Start draws</i> .....                               | 17 |
| 4.13 <i>Team zones</i> .....                                | 17 |
| 4.14 <i>Coaching zones</i> .....                            | 17 |
| 4.15 <i>Number bibs</i> .....                               | 17 |
| 4.16 <i>Team officials' meetings</i> .....                  | 17 |
| 4.17 <i>Control Descriptions</i> .....                      | 18 |
| 4.18 <i>Special features</i> .....                          | 18 |
| 5. Start and finish procedures.....                         | 18 |
| 5.1 <i>Check-in and Quarantine Zone</i> .....               | 18 |
| 5.2 <i>Start Procedures</i> .....                           | 19 |
| 5.3 <i>Overview of pre-start</i> .....                      | 20 |
| 5.4 <i>Finish Procedures</i> .....                          | 21 |
| 5.5 <i>Relay</i> .....                                      | 21 |

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|      |                                       |    |
|------|---------------------------------------|----|
| 5.6  | <i>TV-controls</i> .....              | 21 |
| 5.7  | <i>Refreshment Points</i> .....       | 22 |
| 5.8  | <i>Ceremonies</i> .....               | 22 |
| 5.9  | <i>Toilets and Showers</i> .....      | 22 |
| 5.10 | <i>First Aid</i> .....                | 22 |
| 5.11 | <i>Fairness</i> .....                 | 22 |
| 5.12 | <i>New Competition Maps</i> .....     | 23 |
| 5.13 | <i>Complaints</i> .....               | 23 |
| 5.14 | <i>Clothing recommendations</i> ..... | 23 |
| 5.15 | <i>Climate</i> .....                  | 23 |

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## Welcome

It is with great pleasure that we welcome the world-class orienteering athletes and team officials from the 24 nations who have qualified for the orienteering competitions of the 9<sup>th</sup> World Games 2013 in Cali, Colombia.

The Cali Local Organizing Committee (CLOC) has overall responsibility for the orienteering events of the games. However, the planning and organisation of the competitions could not have been done without extensive support from the International Orienteering Federation (IOF) as well as individual organisers from several national orienteering federations from all over the world. We extend our warm thanks to the organisations and people who have contributed to making this orienteering event possible.

We hope that all of us who are actively participating in the event, athletes, officials and organisers, will have good and fair competitions and the spectators will enjoy the excitement of a world-class orienteering event.

On behalf of the organisers

*Erik Nielsen  
Event Director*

*José Fernando Gomez Rueda  
Competition Manager*



*La Gata Siete Vidas - one of Cali's famous sculptures of cats*

## 1. General Information about The World Games 2013

The International World Games Association (IWGA) has awarded the 2013 World Games to the city of Cali, Colombia. Orienteering is one of the 31 official sports included in the program of these games. The World Games are being organised by the Cali Local Organising Committee (CLOC). As the organiser of The World Games 2013, the Cali Local Organising Committee is pleased to welcome the world's elite orienteers to this major event.

### 1.1 *The World Games*

The World Games is an international multi-sport event held every fourth year under the auspices of the IWGA. The World Games is organised under the patronage of the International Olympic Committee (IOC). The IOF has been a member of the International World Games Association since 1995. In 2001 orienteering made its debut on the program of the World Games held in Akita, Japan.

The programme of the 9th World Games 2013 in Cali includes competitions in 27 official sports and in 4 sports on the invitational program. More than 5000 athletes and officials are expected to participate in the competitions that will take place at 13 different venues.

The 9th World Games 2013 Cali will get under way with the opening ceremony at the Pascual Guerrero Stadium on Thursday, 25<sup>th</sup> July 2013. The closing ceremony will take place on Sunday, 4<sup>th</sup> August.

For detailed information on the overall sports program, please consult the World Games 2013 Cali website at [www.worldgames2013.com.co](http://www.worldgames2013.com.co) and the official information and accreditation package handed out to all participants on arrival.

### 1.2 *Venue*

The main venue of The World Games 2013 Cali is the Pascual Guerrero Stadium, a stadium with a standard 400m track and 50,000 seats for spectators.

### 1.3 *Orienteering competition venues*

The orienteering competitions will be organised at Parque Lineal el Ingenio, Ecoparque Rio Pance and Club del Departamento.

## 2. Accommodation, meals and transportation

### 2.1 *Accommodation*

The athletes and team officials will be accommodated in Torre de Cali Plaza Hotel.

The hotel only covers the night of stay and breakfast for the next morning on the service dates. Other expenses, such as telephone bill, paid TV, mini-bar and laundry, are not covered by CLOC and individuals shall be responsible for these expenses.

## 2.2 Meals

- Breakfast will be served at the hotel.
- Lunch will be served at the competition arenas.
- Dinner will be served in the catering centre.

## 2.3 Transport

- All transport of athletes and team officials to and from the competitions will be provided by the organizers. No private transport arrangement will be allowed.
- For dinner, transport from the hotel to the catering centre and back will be provided. Accreditation card will be required for access to catering centres.

# 3. The World Games 2013 Orienteering Event

## 3.1 Programme

| <i>Date</i> | <i>Time</i>   | <i>Event/Activity</i>       | <i>Venue</i>             |
|-------------|---------------|-----------------------------|--------------------------|
| Tue July 30 |               | Arrival, jet lag teams      |                          |
| Wed July 31 |               | Arrival, other teams        |                          |
| Thu Aug 01  | 09.00 – 11.00 | Model Event                 | Parque Multicentro       |
|             | 19.00         | Team Officials' Meeting     | Hotel Torre de Cali      |
| Fri Aug 02  | 08.00         | Bus 1 departure - Women     | Hotel Torre de Cali      |
|             | 09.00         | Bus 2 departure - Men       | Hotel Torre de Cali      |
|             | 09.45 – 12.30 | Sprint event                | Parque Lineal El Ingenio |
|             | 09.45         | Official opening            | Parque Lineal El Ingenio |
|             | 10.00         | Women 1 <sup>st</sup> start | Parque Lineal El Ingenio |
|             | 11.00         | Men 1 <sup>st</sup> start   | Parque Lineal El Ingenio |
|             | 12.15         | Medal Ceremony              | Parque Lineal El Ingenio |
|             | 19.00         | Team Officials' Meeting     | Hotel Torre de Cali      |
| Sat Aug 03  | 07.15         | Bus 1 departure - Women     | Hotel Torre de Cali      |
|             | 09.15         | Bus 2 departure - Men       | Hotel Torre de Cali      |
|             | 09.30 – 14.00 | Middle event                | Ecoparque Rio Pance      |

| <i>Date</i> | <i>Time</i>     | <i>Event/Activity</i>                     | <i>Venue</i>             |
|-------------|-----------------|---|--------------------------|
|             | 09.30           | Women 1 <sup>st</sup> start               | Ecoparque Rio Pance      |
|             | 11.30           | Men 1 <sup>st</sup> start                 | Ecoparque Rio Pance      |
|             | 13.45           | Medal Ceremony                            | Ecoparque Rio Pance      |
|             | 14.00           | Deadline for handing in relay start order | Ecoparque Rio Pance      |
|             | 19.00           | Team Officials' Meeting                   | Hotel Torre de Cali      |
| Sun Aug 04  | 07.45           | Bus 1 & 2 departure                       | Hotel Torre de Cali      |
|             | 10.00 – 11.45   | Mixed Sprint Relay event                  | Club del Departamento    |
|             | 10.00           | Start                                     | Club del Departamento    |
|             | 11.15 (approx.) | Mass start for remaining runners          | Club del Departamento    |
|             | 11.30           | Medal ceremony                            | Club del Departamento    |
|             | 20.00           | Closing ceremony                          | Pascual Guerrero Stadium |
| Mon Aug 05  |                 | Departure                                 |                          |

### 3.2 Jet Lag Day

Competitors and officials who travel more than 8 hours from the airport of origin to Cali are entitled to an extra 'Jet Lag Day' in the arranged accommodation.

### 3.3 Organizing Committee

Event Director: Erik Nielsen (DEN)  
 Competition Manager: José Fernando Gómez Rueda (COL)  
 Venue Manager: Luis Guillermo Navarro (COL)  
 Course Planner: Mike Dowling (AUS)  
 Technical Manager: Kell Sønnichsen (DEN)  
 Head of Map Production: Paul Pacqué (AUS)

### 3.4 Event Controllers

IOF Senior Event Adviser: Christine Brown (AUS)  
 National Controller: José Fernando Gómez Rueda (COL)

### 3.5 Jury

|                       |   |
|-----------------------|---|
| Christine Brown (AUS) | IOF Senior Event Adviser, Chairperson of the Jury |
| Aron Less (HUN)       | Delegate  |
| Lars Lindstrøm (DEN)  | Team Official                                     |
| Håkan Carlsson (SWE)  | Team Official                                     |

### 3.6 Competition Rules and permitted deviations

The Competition Rules for IOF Foot Orienteering Events (edition of 1<sup>st</sup> January 2013) apply for TWG-OE 2013, with two permitted deviations.

In both Middle Distance and Mixed Sprint Relay the IOF has permitted the scale of the map to be 1:5 000 and the maps drawn with ISSOM 2007 specifications. This implies that ISSOM rules apply for Middle Distance and Mixed Sprint Relay, e.g. that uncrossable features on the map are forbidden to cross.

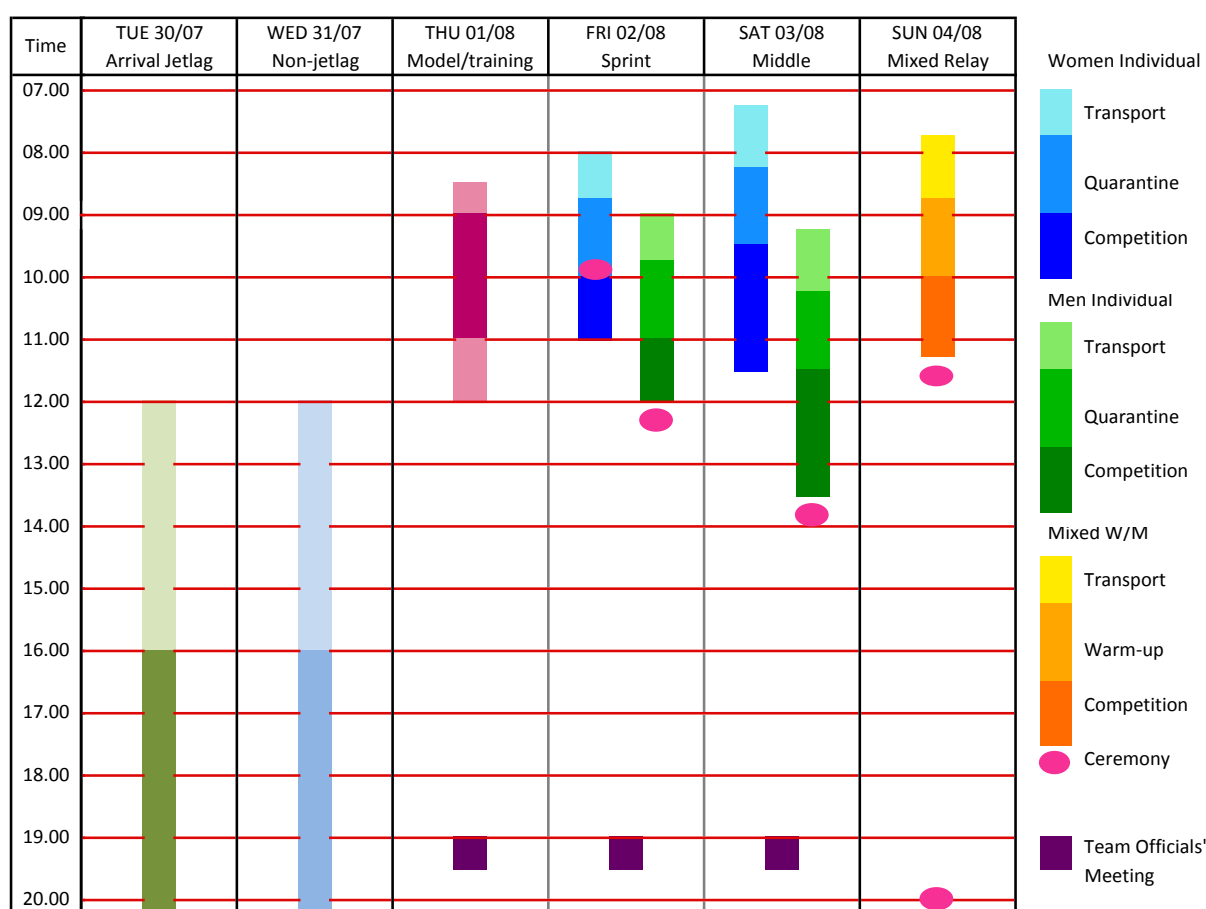
### 3.7 Participants

| Nation         | Women | Men | Relay team 2+2 |
|----------------|-------|-----|----------------|
| Australia      | 1     | -   | -              |
| Austria        | 2     | 2   | 1              |
| Brazil         | 2     | 2   | 1              |
| Bulgaria       | -     | 1   | -              |
| Czech Republic | 2     | 2   | 1              |
| China          | 2     | 2   | 1              |
| Colombia       | 2     | 2   | 1              |
| Denmark        | 2     | 2   | 1              |
| Estonia        | 1     | -   | -              |
| Finland        | 1     | -   | -              |
| France         | 2     | 2   | 1              |
| Great Britain  | 2     | 2   | 1              |
| Hungary        | 2     | 2   | 1              |
| Latvia         | 2     | 3   | 1              |
| Lithuania      | 2     | 2   | 1              |
| New Zealand    | 2     | 2   | 1              |
| Norway         | 2     | 2   | 1              |
| Poland         | 2     | -   | -              |



|                              |           |           |           |
|------------------------------|-----------|-----------|-----------|
| Russia                       | 2         | 2         | 1         |
| South Africa                 | -         | 1         | -         |
| Sweden                       | 2         | 2         | 1         |
| Switzerland                  | 2         | 3         | 1         |
| Ukraine                      | 1         | 1         | -         |
| USA                          | 2         | 2         | 1         |
| <b>In Total – 24 nations</b> | <b>40</b> | <b>39</b> | <b>17</b> |

### 3.8 Overview of orienteering event



### 3.9 Embargoed Areas

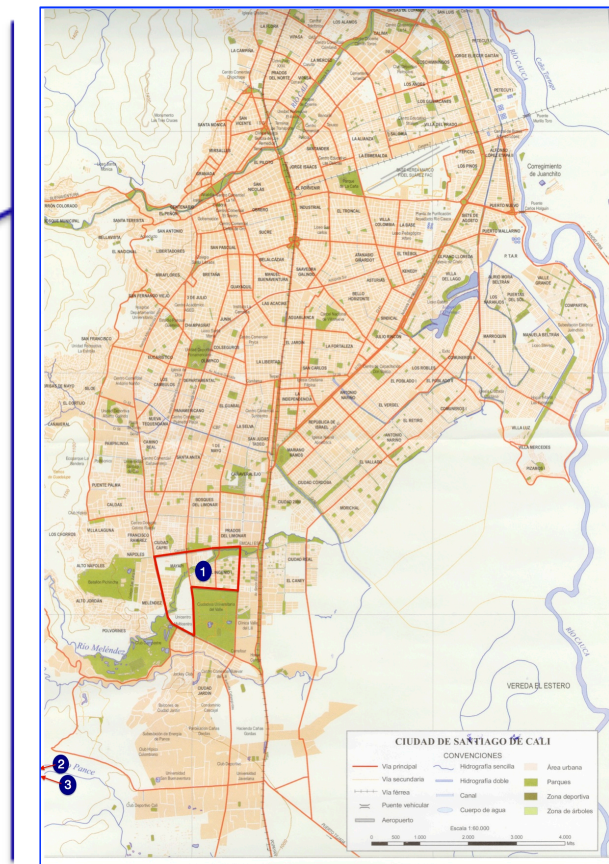
With reference to the IOF Competition Rules, Article 26, the areas listed below are embargoed for all potential TWG 2013 team members (runner, team leader, coach, doctor etc.) as well as others with strong links to elite squads.

Spelt out in detail, this means that:

- No organised orienteering whatsoever may take place in the embargoed areas until after TWG 2013;
- No training sessions, i.e. running/races, testing route choices etc., are allowed in these areas;
- No one with potential connection to a team (athlete or other function) may visit the embargoed areas with the exception of passage on surfaced public roads.

The following areas in Cali, Colombia, are embargoed until the end of The World Games 2013:

- (1) Parque Lineal el Ingenio and surrounding residential areas. The competition area is situated between Carrera 80, Carrera 86, Calle 13 (Paso Ancho) and Calle 16. The area has not been mapped before for orienteering.
- (2) Ecoparque Rio Pance  
The area has been mapped for orienteering in 2004 (scale 1:3 500). A copy of the map is found in Bulletin 2, Annex 4 and has also been sent to the qualified federations.
- (3) Club del Departamento  
The area has not been mapped before for orienteering.



### 3.10 Scheduled Transport Service

The official scheduled transport service provided by The World Games organisers is compulsory for all athletes and accredited team officials for transport requirements to/from the competitions. The service is provided to and from all official TWG 2013 orienteering events. Buses will depart from the official TWG 2013 orienteering accommodation at the Hotel Torre de Cali.

Transport schedules for all general non-specific orienteering competition activities will be published in the information package that will be handed out to all participants on arrival. This will include schedules for transport to and from the catering centre.

The specific orienteering competition transport schedules for transport **to** the competition areas are as follows:

#### *Model Event:*

Shuttle bus service from 08:30 to 10:00.

#### *Sprint Competition:*

Female athletes and team officials: The bus departs at 08:00 from Hotel Torre de Cali.

Male athletes and remaining team officials: The bus departs at 09.00 from Hotel Torre de Cali.

#### *Middle Competition:*

Female athletes and team officials: The bus departs at 07:15 from Hotel Torre de Cali.

Male athletes and remaining team officials: The bus departs at 09.15 from Hotel Torre de Cali.

#### *Mixed Sprint Relay Competition:*

All buses depart at 07:45 from Hotel Torre de Cali.

Transport **from** the competition areas to the Hotel Torre de Cali will take place immediately after the conclusion of the prize ceremony.

### 3.11 Use of own transport

Athletes and accredited team officials are not allowed to use their own transport to/from the competition venues. All competitions have pre-start areas close to the arenas.

## 4. Technical Information

### 4.1 Maps

|                    | Map scale | Contour interval | Specification |
|--------------------|-----------|------------------|---------------|
| Sprint Distance    | 1:5 000   | 2.5 m            | ISSOM 2007    |
| Middle Distance    | 1:5 000   | 2.5 m            | ISSOM 2007    |
| Mixed Sprint Relay | 1:5 000   | 2.5 m            | ISSOM 2007    |

## 4.2 Map Protection and Dimensions

The maps will be sealed in plastic bags. The map dimensions are as follows (H x W):



Sprint: 210 x 375 mm

Middle: 210 x 390 mm

Relay: 210 x 297 mm

## 4.3 Special Map Symbols

The following special map-symbols have been used on the various maps.

- |   |  |  |
|---|--|--|
|  | ISSOM no. 540 – Prominent man-made feature | One of the following: playground equipment, sporting equipment, large sign post, bench, small statue, seat |
|  | ISSOM no. 118 – Prominent landform feature | A small termite mound  |

## 4.4 Special Features

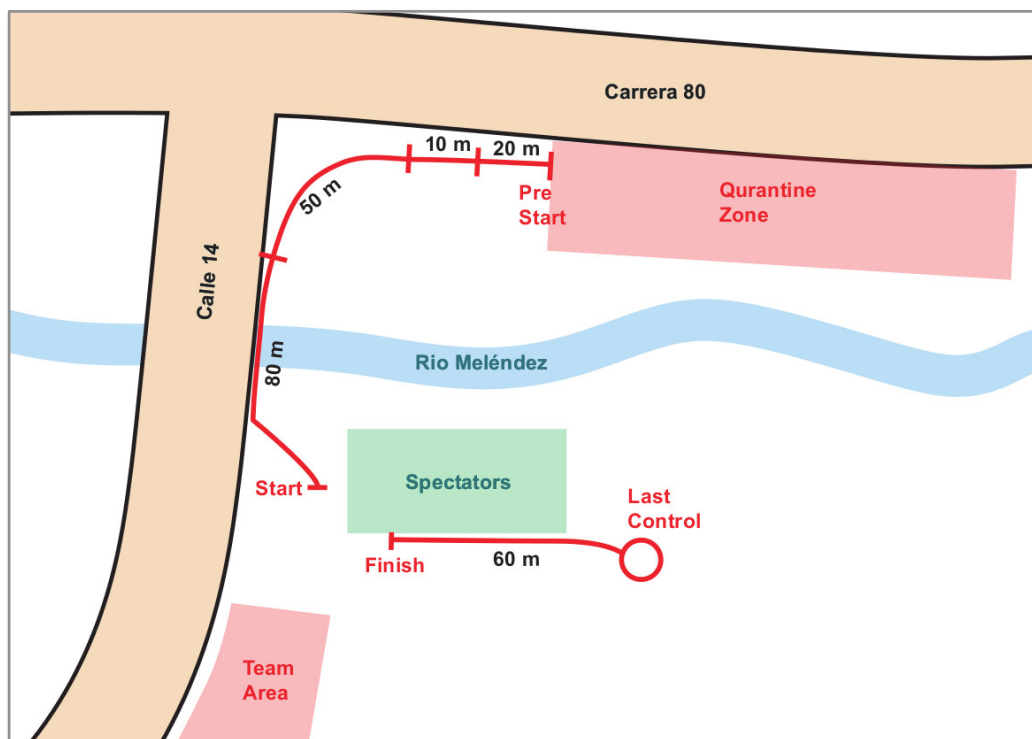
*Parque Lineal el Ingenio (Sprint)*: in the area of the park near the arena there are many small man-made objects (signs, exercise equipment) that are not shown on the map.

## 4.5 Courses

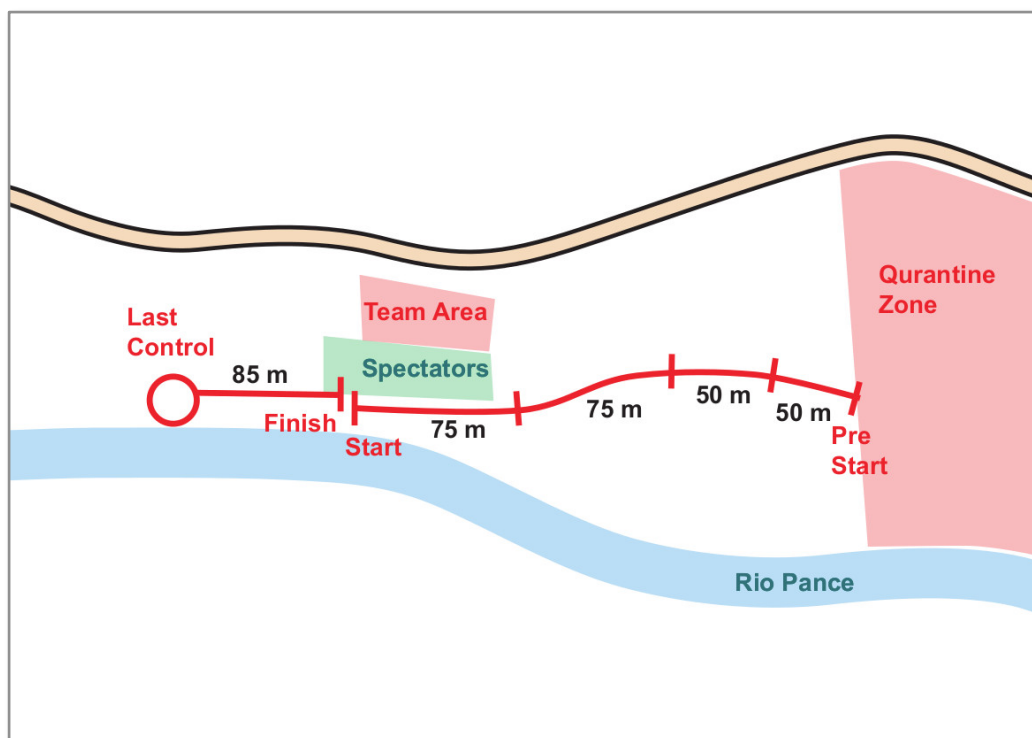
| Competition                                       | Length        | Climb | Controls | Winning Time | Refreshment Stations |
|---|---------------|-------|----------|--------------|----------------------|
| <i>Sprint – Parque Lineal El Ingenio</i>          |               |       |          |              |                      |
| Women   | 3,850 m       | 20 m  | 20       | 13 min       | -                    |
| Men   | 4,250 m       | 20 m  | 20       | 13 min       | -                    |
| <i>Middle Distance – Ecoparque Rio Pance</i>      |               |       |          |              |                      |
| Women   | 5,160 m       | 115 m | 29       | 32 min       | 1                    |
| Men   | 6,310 m       | 120 m | 33       | 32 min       | 1                    |
| <i>Mixed Sprint Relay – Club del Departamento</i> |               |       |          |              |                      |
| Leg 1 (Men)                                       | 3,310-3,400 m | 125 m | 26       | 17 min       | -                    |
| Leg 2 (Women)                                     | 2,970-3,050 m | 110 m | 23       | 17 min       | -                    |
| Leg 3 (Men)                                       | 3,310-3,400 m | 125 m | 26       | 17 min       | -                    |
| Leg 4 (Women)                                     | 2,970-3,050 m | 110 m | 23       | 17 min       | -                    |

#### 4.6 Location and sketches of finish arenas

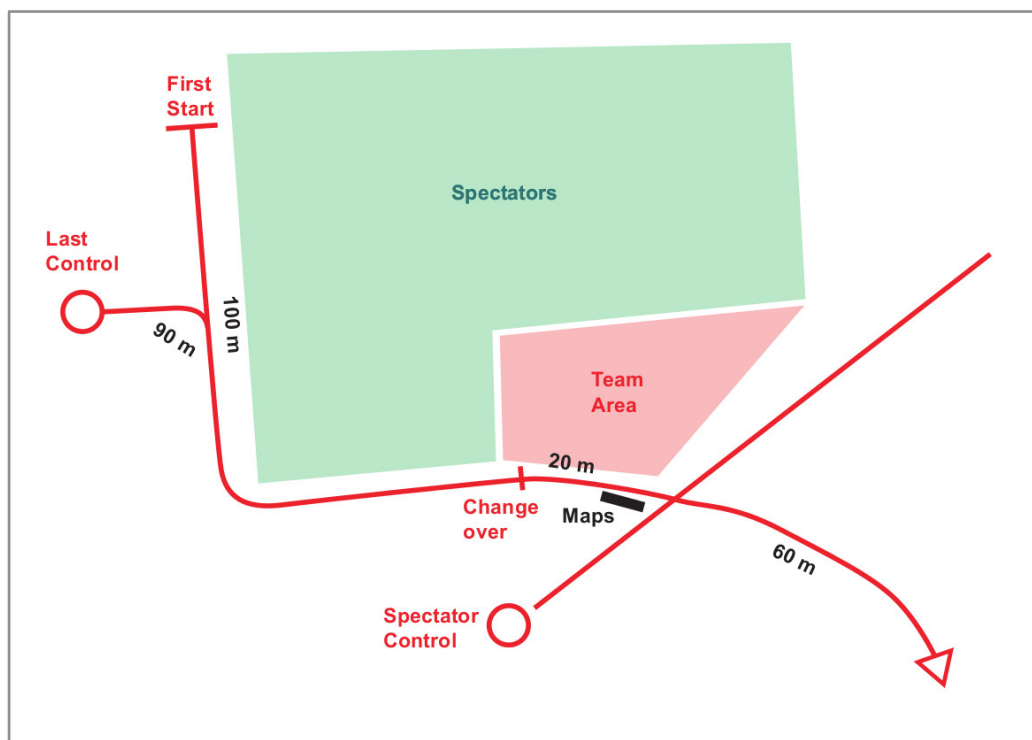
(1) Sprint: Parque Lineal el Ingenio: 3.386774N, 76.532366W



(2) Middle: Ecoparque Rio Pance: 3.348241N, 76.567964W



(3) Relay: Club del Departamento: 3.346239N, 76.586659W



#### 4.7 Model Event

A model event will be open for all participants on Thursday, 1<sup>st</sup> August 09.00 – 11.00 hours in the Parque Multicentro where course and mapping features will be demonstrated.

Parque Multicentro is situated close to Parque Lineal el Ingenio. The model event venue is representative for Sprint, and to some minor extent also for Middle and Mixed Sprint Relay.

Start, finish and other technical features will be demonstrated for all competitions at the location 3.380972N, 76.540541W, at Calle 9 between Carrera 84A and Carrera 85.

#### 4.8 Terrain Description

##### *Sprint Distance – Parque Lineal el Ingenio*

The map covers a narrow riverside park surrounded by residential and commercial areas. With the exception of the riverbanks, the area is completely flat with only a few contour features, many of which are man-made.

The vegetation is mostly grassy with a scattering of single trees both in the park and in the residential area. There is more substantial vegetation in a narrow band along the river. Small patches of the Colombian Thorny Bamboo (*Guadua Angustifolia*), a plant with very sharp thorns and edges, are found in the area.

The ground is dry and mainly level underfoot and visibility is excellent, therefore runnability is very good.

There is an extensive track network in the park and many roads cross the residential area. In general the competition area will be closed to all through traffic but there may be some slow moving traffic in the residential areas.

*Middle Distance – Ecoparque Rio Pance*

The map covers a narrow strip of land along the banks of the Rio Pance (Pance River) to the southwest of Cali. The competition area is mostly on the valley floor along the river and on the lower southern slope of the valley. Most of the slopes are gentle but some are steep. Contour features are mostly broad. There is some open parkland with scattered vegetation.

There are some areas with open easy running, a few smaller areas of slow running forest, and some larger area with scattered dense vegetation. Some of the vegetation in the area is the Colombian Thorny Bamboo with very sharp thorns.



***Colombian Thorny Bamboo***

The area is mostly dry and level underfoot. Visibility is generally good but there are some areas of low visibility.

There is a well-developed network of tracks and roads. The river is usually passable but in case of high rainfall in the surrounding mountains it is prone to flooding. There are a small

number of buildings and several recreational areas (e.g. a fishing lake) in the park, some of which are surrounded by high fences. All marked gates will be open during the competition.

The park is extremely popular with the residents of Cali and on weekends can be very crowded.

#### *Mixed Sprint Relay – Club del Departamento*

The competition area consists of two parts. The eastern part is similar to the Middle Distance. The western part covers a recreational park/club. There is a mix of open parkland (with sporting grounds, swimming pools and scattered buildings) and some lightly forested areas with scattered vegetation, similar to the Middle Distance. There is a high fence with a gate separating the two parts of the map. The gate will be open during the entire competition.

#### *4.9 Tracking*

Tracking devices will be used in the Sprint, Middle and Mixed Sprint Relay competitions. This is an important part of the presentation of the competition on the big screen in the arena, during television transmission, and on the Internet. It is compulsory for all runners to wear the equipment.

The tracking device is a 120 g electronic unit to be carried in a small strap on the back of the runner. The system has been used in a number of international orienteering events. The system is worn easily and is not known to compromise the performance of the runner. The company, TracTrac, is supplier of the system. Detailed information about the system can be obtained from the website of the company, <http://www.tractrac.com>

It will be possible to try the equipment during the model event.

#### *4.10 Anti-Doping*

The organisers are committed to doing everything required to support the official anti-doping authorities at The World Games 2013 to do their work successfully and openly. We strongly support all positive efforts to keep our sport clean and drug-free.

The doping tests will be conducted in accordance with the procedures laid down in the WADA International Standard for Testing and the IWGA Anti-Doping Rules. Doping control may be carried out at any time in the competition period. All doping tests are done by the organizers of The World Games 2013.

#### *4.11 Punching and Timing Systems*

The punching system in all TWG 2013 orienteering competitions will be the SPORTident electronic punching system.

In all individual competitions the start times will be taken electronically using a gate start. The finish times will be taken by means of photocells when the runner's chest crosses the finish line. The running times will be rounded down to the nearest 0.1 second.

The start and finish procedures will be demonstrated at the Technical Model Event on Thursday, August 1, 09.00-11.00 hours in Parque Multicentro.



#### 4.12 Start draws

The start draws will be made according to the IOF competition rules (section 12) under the supervision of the IOF Senior Event Adviser. The runners will be allocated in three starting groups (early, middle and late) according to their rank in the World Ranking List as of July 1, 2013 with the highest placed runners allocated to the late starting group etc. The start draw will not be public, and therefore not open to team officials, athletes and/or the general public.

#### 4.13 Team zones

Team Zones are restricted areas where only accredited team members with their personal TWG 2013 ID card will have access and where privacy will be guaranteed during the competitions. The Team Zones in the arenas are all within 20 m of the finish line.

In the Team Zones the teams will be provided with tents by the organiser. It is forbidden to put up private tents in the Team Zones.

#### 4.14 Coaching zones

In Mixed Sprint Relay a coaching zone will be clearly marked where team coaches may coach their athletes as they change-over. Only accredited team coaches are allowed to enter these zones. In order to maintain a high level of fairness the only activities allowed in the coaching zone are:

- Exchange of verbal communication with athletes – no written information;
- Exchange of personal equipment such as compasses, shoes, contact lenses etc.;
- Food and drinks may be handed out personally to the athletes.

The exchange of any information/material to/from athletes outside the official Coaching Zones is not permitted.

Team coaches and officials are not permitted to enter the competition areas for races except for the designated team zones, coaching zone in the Mixed Sprint Relay and public spectator areas in the competition arenas.

#### 4.15 Number bibs

For all TWG 2013 orienteering competitions, athletes must wear a number bib on their chest. Before every competition the bib numbers will be handed out at the respective Team Officials' Meeting. Special number bibs will be handed out to the medallists just prior to the official medal ceremonies, which must be worn on their chest during the ceremonies.

#### 4.16 Team officials' meetings

The Team Officials' Meetings will be held at the Hotel Torre de Cali where all teams are accommodated. Only accredited team officials and invited guests (IOF officials, organisers) have access to the Team Officials' Meetings.

The schedule for the meetings is as follows:

- Thursday 01/08 – 19.00: Sprint
- Friday 02/08 – 19.00: Middle
- Saturday 03/08 – 19.00: Mixed Sprint Relay

At the Team Officials' Meetings the number bibs, the SI Cards, a list of all control descriptions used and further official information will be distributed to the teams. The material will be available 15 minutes prior to the opening of the Team Officials' Meetings.

#### 4.17 Control Descriptions

For Sprint and Middle Distance the control descriptions will be available in two sizes, either with 5 mm square boxes or with 6 mm square boxes. For Mixed Sprint Relay the boxes are 5 mm. The dimensions of the control descriptions appear from the table below. All competition maps will have course control descriptions printed on the front of the map.

|        | Women       |             | Men         |             |
|--------|-------------|-------------|-------------|-------------|
|        | 5 mm        | 6 mm        | 5 mm        | 6 mm        |
| Sprint | 40 x 120 mm | 48 x 145 mm | 40 x 120 mm | 48 x 145 mm |
| Middle | 40 x 170 mm | 48 x 205 mm | 40 x 190 mm | 48 x 228 mm |
| Relay  | 40 x 135 mm |             | 40 x 150 mm |             |

#### 4.18 Special features

##### Relay forking system

A forking system will be used in the Sprint Mixed Relay competition. The two women's courses and two men's courses in the Mixed Sprint Relay will have their own forking system. That is, the women's and men's forking will be unique to each gender. There are four forking combinations A, B, C and D for each gender.

## 5. Start and finish procedures

### 5.1 Check-in and Quarantine Zone

To secure fair competitions, there will be a check-in for each competition. It is NOT allowed to bring mobile phones, radios, computers or other communication devices into the quarantine zone. Neither is it allowed to bring maps of the competition area. Competitors and coaches are NOT allowed to visit the event arena before going to the quarantine area. Quarantine begins when athletes board the bus at the hotel.

Competitors and coaches must check-in before the check-in dead-line shown below. They must show their personal ID-card and sign a list. To ensure fair competition, the check-in deadlines will be enforced very strictly by the organisers. Competitors and coaches who miss

the check-in deadline will be excluded from the race. The distances between drop-off, check-in points and quarantine zones are very short. For the Mixed Sprint Relay there is no check-in and hence no time limit for arrival.

|        | Check-in opens (on bus) | Deadline for check-in |
|--------|-------------------------|-----------------------|
| Sprint | 08.00                   | 10.00                 |
| Middle | 07.15                   | 10.30                 |

Only participating competitors and their coaches have access to the quarantine zones. In the quarantine zones there are toilets, tents (or shelter against wind and weather) and a drinks station. Teams are not allowed to bring tents of their own. There are warm-up areas and warm-up maps. It is not allowed to leave the quarantine zone.

Coaches who want to go straight to the finish after all their athletes have started must sign out from the quarantine zone and follow the signs to the arena. Once signed out no coach will be allowed re-entry to the quarantine zone.

## 5.2 Start Procedures

The start gate for both Sprint and Middle Distance is situated in the event arena. The quarantine zone is situated 150 to 300 metres from the event arena. The pre-start is situated at the edge of the quarantine zone. Competitors will be called up by their names 4 minutes before start in both Sprint and Middle Distance. Control descriptions will be given out 3 minutes before the start time. Distances from the pre-start to the start gates are given in the sketches below.

15 seconds before the start time, the competitors can go to the start gate. 5 seconds before the start time, the count down (beeps) begins to run. The start time is indicated by a beep of a different pitch.

A competitor has 5 seconds (start window) to pass the start gate (start of competition time). If a competitor starts more than 5 seconds prior to the allocated start time, she/he will be called back for a new start. If the competitor does not follow the organisers' instructions, the competitor will have committed a false start and will be disqualified. If a competitor starts more than 5 seconds after the allocated start time, the competitor's running time starts at the original allocated start time.

The map is situated on the start gate (within reach of the waiting runner). On the back of the map the bib number of the runner is displayed. The start point (triangle on the map) is marked in the terrain by a control flag positioned a short distance away from the start gate. The detailed start procedure will be demonstrated and can be practised at the Technical Model Event.

Competitors who are late for their start time due to their own fault will be permitted to start, but they will be timed as if they had started at their allocated start time. Competitors who are late because of the fault of the organisers will be given a new start time.

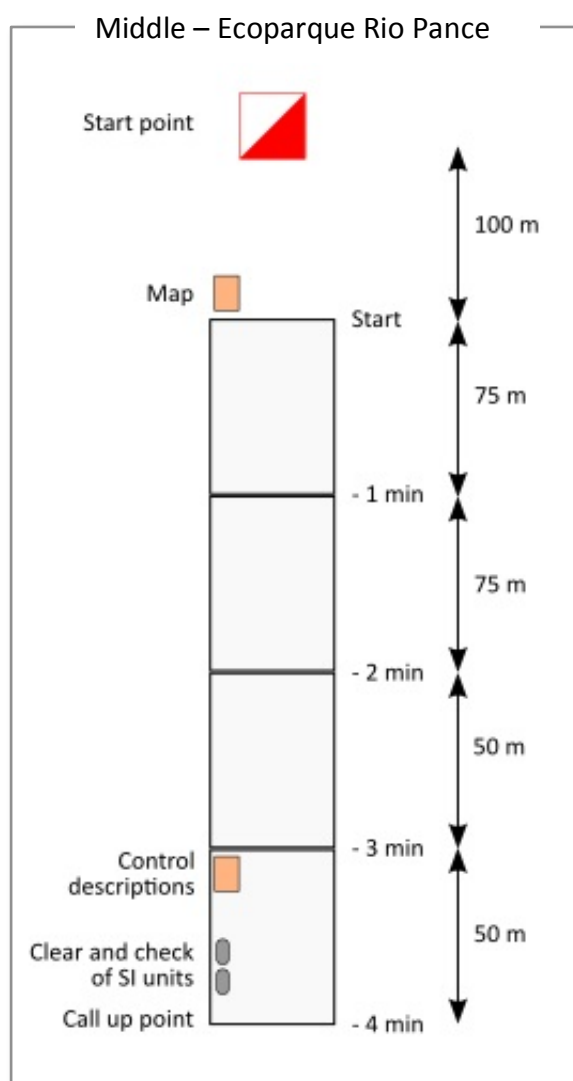
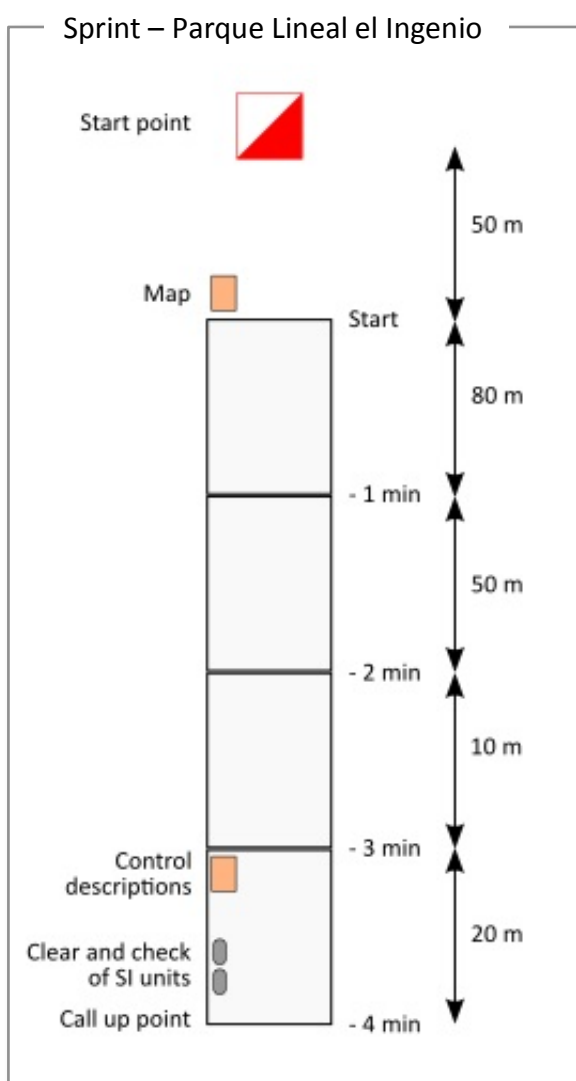
In both cases the following rules apply at the start:

- A late competitor must report at the quarantine zone (call up).
- If the organiser decides that a runner has enough time to start at the allocated start time, she/he can continue with the normal procedure followed by a guide.
- If it is not possible for a competitor to start at the allocated start time she/he will be allowed to start one minute before the next competitor on that course (30 seconds for the Sprint).
- Competitors from the same Federation may not be started consecutively.

Competitors' bags and clothes will be transported from the quarantine zone to the event arena.

### 5.3 Overview of pre-start

The layout and distances from the call up point to the start point are as follows:



#### 5.4 *Finish Procedures*

Competitors must follow the marked route from the last control to the finish. The finishing time will be taken when the competitor's chest crosses the finish line.

After crossing the finish line the competitor will be guided through the finish zone. He/she:

- hands over the map and the SPORTident card to an official (who downloads the SPORTident card),
- will be given the split time print-out (however, only in Sprint and Middle Distance),
- can take official refreshment (contact with the team leader is possible),

Only the officially accredited team coach will have access to the finish zone to greet incoming runners.

#### 5.5 *Relay*

##### *The start gate*

All competitors must pass through the check-in gate to the change over area before they start. Number bibs and SPORTident cards are checked and cleared at the check-in gate. The area behind the check-in gate is large enough to allow for continued warming up.

Three minutes before the start of the competition, the competitors for leg 1 are escorted from the change over area to the starting point where they stand behind the start line. One minute before start time, the countdown by the starter begins. After the start signal the competitors run through the change over area to the map stand where they take their map.

##### *Change-over*

It is the responsibility of the outgoing competitor to be ready. It is recommended that the waiting runners keep an eye on the spectator control where all competitors will pass 4-6 minutes before change over. The outgoing runners will be waiting/warming up in a team area with good visibility to the spectator control.

The incoming competitor drops the map in a large box shortly before the finish line, crosses the finish line and continues to the change-over point where the outgoing competitor is started by tagging one another. The incoming competitor continues to the finish zone for the finish procedures. The outgoing competitor continues to the map stand where he/she takes the correct map. It is the responsibility of the competitor to pick up the correct map, which is marked by the bib number. The outgoing competitor follows the marked route to the start point (triangle on the map) that is marked in the terrain by a control flag.

##### *Mass Start*

A mass start for any teams requiring one will take place approximately 15 minutes after the winner has reached the finish.

#### 5.6 *TV-controls*

In all three competitions there will be a TV and large video screen production based on 3 cameras positioned in the forest and in the finish area. Cameras are positioned close to con-

trols and in between controls. Camera positions are not marked on the map. Camera teams in the forest will stay in the same position for all runners on a course.

### 5.7 Refreshment Points

Refreshment controls will be located at a control and will be marked on the control descriptions. For Sprint no refreshments will be provided. For Middle Distance and Mixed Sprint Relay water will be provided.

### 5.8 Ceremonies

The World Games opening ceremony will be held on Thursday 25<sup>th</sup> July 2013. In addition there will be a short opening ceremony for orienteering in the Sprint Arena at 09:45 before the commencement of competition at 10:00.

Prize giving ceremonies will be held in each arena after the completion of the competition. Athletes or teams ranked 1-3 shall be present 5 minutes prior to the beginning in their official national attire. Special number bibs will be handed out to the medallists just prior to the official medal ceremonies, which must be worn on their chest during the ceremonies. No sunglasses, hats or sponsors' products shall be worn during the ceremonies. Final instructions to the participants will be given prior to the ceremonies on site.

### 5.9 Toilets and Showers

There will be toilets available in the quarantine zones and in the event arenas. Showers will not be provided at Sprint and Middle Distance. A limited number of showers are available at the Club del Departamento close to the arena at Mixed Relay.

The Rio Pance River, though, is a very popular bathing place for the people of Cali and may be recommended for the athletes.

### 5.10 First Aid

Emergency medical services will be available and provided by the CLOC. If a competitor gets injured during the race and needs assistance he/she should go to the nearest control and ask the official to call for help.

### 5.11 Fairness

It is not allowed to bring mobile phones, radios, computers or other communication devices into the quarantine zone. Neither is it allowed to bring in maps of the competition area. Competitors should note rules 21.3 and 21.4 from the IOF Foot Orienteering Rules (January 2013) which specifically refer to navigational aids and telecommunications. They are repeated here for clarification.

*21.3 During the competition the only navigational aids that competitors may use or carry are the map and control descriptions provided by the organiser, and a compass.*

*21.4 Competitors may not use or carry telecommunication equipment between entering the pre-start area and reaching the finish in a race, unless the equipment is ap-*

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*proved by the organiser. The organiser may require competitors to wear a tracking device.*

Coaching (handover of information, equipment, material, drinks, etc.) is only allowed in the coaching zones.

Competitors and coaches are not allowed to visit the event arena before going to the start area. Team officials and non-competing runners are not allowed to enter the competition terrain.

A competitor/team who breaks any rule, or who benefits from the breaking of any rule, may be disqualified.

### *5.12 New Competition Maps*

Maps will be collected after crossing the finish line. New maps for Sprint and Mixed Sprint Relay will be handed out immediately after the competition while maps from Middle Distance will only be handed out the following day, i.e. after the Mixed Sprint Relay has taken place.

### *5.13 Complaints*

The procedure for complaints and protests shall comply with the Competition Rules for International Orienteering Federations Foot Orienteering Events. Any complaint shall be made in writing and handed over to the organisers at the event office in the event arena.

Complaints regarding the results shall be made no later than 15 minutes after publishing the official results list.

A written protest can be made against the organisers' decision about a complaint.

### *5.14 Clothing recommendations*

Full body cover is recommended for Middle Distance and Mixed Sprint Relay competitions. Shoes with dobbs or similar might be useful for the two competitions in Ecoparque Rio Pance and Club del Departamento. Shoes with proper spikes are not recommended for the Sprint.

### *5.15 Climate*

Cali is located in the southwestern part of Colombia in the Valle de Cauca to the west of the Cauca River and to the east of the western mountain range near the hills known as Farallones de Cali. The city rests approximately 1,000 metres (3,300 ft.) above sea level and its topography is fairly flat.

The climate of Cali is equatorial tropical hot. Due to its proximity to the equator there are no major seasonal variations. The west branch of the Andes blocks the cool, humid air coming from the Pacific Ocean. Average temperature end of July/beginning of August is 26° C (79° F), with an average low of 19° C (66° F) and an average high of 30° C (93° F). July and August are part of the dry seasons with an average precipitation of 30-45 mm.