



WORLD Qualification Canoeing Youth Olympic Games 2018 Barcelona 2018  
**Annex 1 Technical handbook for CSP and CSL**

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# **1 General Competition Rules for both Canoe Head to head Sprint and Obstacle Canoe Slalom races**

## **1.1 AIM**

The aim of the competition is for athletes to race each other in kayaks and canoes over the given course in the shortest possible time according to the rules

## **1.2 THE RACE**

- ✓ Unlimited number of athletes can participate in each class.
- ✓ The events will be K1 men, C1 men, K1 women and C1 women. All qualified athletes regardless of discipline must compete in Canoe Sprint Head to Head and Canoe Slalom Obstacle event in the same category (K1 or C1) or risk disqualification.
- ✓ The participating athletes of each class will be divided into pairs regarding the achieved time or position in the previous round and as described in the Progression System. The race will be one full lap of the course.
- ✓ The competition continues until the last pair will compete for the gold medal.

## **1.3 CATEGORIES AND DISTANCE, COMPETITORS**

Athletes who qualified for the YOG regarding the IOC eligibility rules, qualification system rules and age category can compete in the Youth Games Canoeing competition.

Official events will be held for K1 men, C1 men, K1 Women and C1 Women for Head to Head Canoe Sprint and Obstacle Canoe Slalom race over a predesigned course.

## **1.4 BOAT SPECIFICATIONS & BOAT CONTROL**

The official boats will be selected by the organization committee and ICF and will be obligatory to use these boats in the competition. No any athlete can compete in any other boat. The boat will be allocated by drawing of lots.

All kayaks and canoes are required to pass the boat control under the ICF rules. ICF officials before the competition will control the boats. In the case that extra weight will be required to reach the minimum weight limit of the boats it will be added at the boat control and fixed into the boats. All the boats in each category will be the same weight.

The weights of the boats will be randomly controlled after each competition.

## **1.5 ENTRIES AND WITHDRAWALS**

All athletes who qualified to the competition shall participate in both disciplines of Sprint and Slalom in the same category.

Withdrawal of an entry requires the justification of illness or injury supported by an authorised doctor.

Failure of an athlete to compete in either discipline of a Category will have all results annulled.

## **1.6 BOAT AND PERSONAL NUMBERS**

All athletes will be distributed a bib number with their number for the all competition and the country code on the bib. For CSP events every boats has a boat number as "1" or "2"

## **1.7 GENERAL RULES**

### **1.7.1 Tie break**

- ✓ If a dead heat occurs between two athletes, the athlete with the better time in the previous stage of competition is declared the winner.

### **1.7.2 Dead heat in the Repechage**

- ✓ If the athletes have the same result in the Qualification Heat it could be that:
- ✓ All athletes go through: there is no tie-break
- ✓ The tie should be broken by a re-run (Tie break run)

### **1.7.3 Final phases**

In the final phases, ties may occur if the officials cannot determine who crossed the finish line first based on all means available to them.

All races except medal races: ties will be broken based on the times achieved during previous phases.

### **1.7.4 Medal races:**

Additional medals will be awarded if a dead heat between athletes occurs in a final race.

Gold medal race: two gold medals will be awarded. No silver medal will be awarded.

Bronze medal dead heat: two bronze medals will be awarded.

### **1.7.5 Re-run**

Irregularities on the course, or unbreakable ties, may result in a re-run. Athletes may be requested to re-run either an interrupted or a completed race following a decision of the Competition Committee. Any re-run decision cannot be appealed.

### **1.7.6 Penalties / Disqualification Rules**

Disqualification generally occurs for the current race. The Chief Official is the final arbiter on disqualification matter. Failure to compete in one discipline can result in disqualification from the competition. Examples of failures:

- ✓ Athlete not take part in both disciplines
- ✓ Athlete not at the start due time.
- ✓ Athlete paddling on the course of the opponent.
- ✓ Buoy omitted. Buoy(s) omitted is deemed to have occurred when negotiation of any subsequent buoy begins or when the finish line is crossed.

For specific matters of disqualification in CSP or CSL see below

### **1.7.7 Protests / Appeals**

Upon being informed of the disqualification, Team Leaders may protest against Competition Rule irregularities to the Competition Committee within twenty minutes. In case of subsequent disagreement with the decision of the Competition Committee, the team leader may appeal to the Jury within twenty minutes of the Competition Committee decision. The protest or appeal shall be accompanied with a fee of 75 Euros.

Protest cannot be made against disqualification for false start and incorrect course negotiation.

## **1.8 PROGRESSION SYSTEM**

The Canoe-Kayak competition is composed of two phases as Qualification Heats and Final Phases. The Qualification phase is depending on the number of entries in a particular Event. The Final phase is up to five rounds depending on the number of entries in a particular Event. The Final phase consists of Repechage, Last 16, Quarterfinals, Semi finals, Bronze Medal Final and Gold Medal Final.



### **1.8.1 Pairing**

For the Qualification Heats athletes are drawn randomly into pairs and are ranked by overall time. Then the athletes will be paired by times achieved in the previous phase. The fastest half ranked athletes will be paired with the lowest half ranked athletes. From the quarterfinals onwards the winner of each pair progresses to the next phase by knock out. After each phase a ranking list will be established by time.

Diagram of the Progression System: See table below

Entries	Qualification Heats	Repechage	Last 16	Quarterfinals	Semifinals	Finals
<b>"A"</b> Up to 10	<ul style="list-style-type: none"> <li>Random Pairing</li> <li>The 8 fastest advance to the Quarterfinals</li> <li>Rest out</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>Pairing by time from Qualification (1st-5th; 2nd-6th; ...)</li> <li>Winners to the Semifinal &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The winners from the Quarterfinals</li> <li>Pairing by time (1st-3rd; 2nd-4th)</li> </ul>	<ul style="list-style-type: none"> <li>Bronze Medal: losers from the Semifinals</li> <li>Gold Medal: winners from the Semifinals</li> </ul>
<b>"B"</b> 11-15	<ul style="list-style-type: none"> <li>Random Pairing</li> <li>The 4 fastest by time advance to the Quarterfinals</li> <li>Rest to Repechage</li> </ul>	<ul style="list-style-type: none"> <li>From the Heats, 5th place and below by time</li> <li>Pairing by time (5th-10th; ...)</li> <li>4 fastest advance to the Quarterfinals &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>The 4 fastest by time from the Qualification plus the 4 four fastest by time from the Repechage.</li> <li>Pairing by time from Qualification (1st-5th; 2nd-6th; ...)</li> <li>Winners to the Semifinal &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The winners from the Quarterfinals</li> <li>Pairing by time (1st-3rd; 2nd-4th)</li> </ul>	<ul style="list-style-type: none"> <li>Bronze Medal: losers from the Semifinals</li> <li>Gold Medal: winners from the Semifinals</li> </ul>
<b>"C"</b> 16	<ul style="list-style-type: none"> <li>Random Pairing</li> <li>All to Last 16</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>All qualify from the Heats</li> <li>Pairing by time (1st-9th; 2nd-10th; ..)</li> <li>8 fastest advance to the Quarterfinals &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>Winners from Last 16</li> <li>Pairing by time from Qualification (1st-5th; 2nd-6th; ...)</li> <li>Winners to the Semifinal &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The winners from the Quarterfinals</li> <li>Pairing by time (1st-3rd; 2nd-4th)</li> </ul>	<ul style="list-style-type: none"> <li>Bronze Medal: losers from the Semifinals</li> <li>Gold Medal: winners from the Semifinals</li> </ul>
<b>"D"</b> 17-24 and up	<ul style="list-style-type: none"> <li>Random Pairing</li> <li>The 8 fastest advance to Last 16</li> <li>Rest to Repechage</li> </ul>	<ul style="list-style-type: none"> <li>From the Heats 9th to 24th place and below by time</li> <li>Pairing by time (9th-13th; 10th-14th; ...)</li> <li>8 fastest advance to Last 16 &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>8 fastest from Qualification</li> <li>8 fastest from Repechage</li> <li>Pairing by time (1st-9th; 2nd-10th; ..)</li> <li>8 fastest advance to the Quarterfinals &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The 8 fastest from the Last 16</li> <li>Pairing by time from Qualification (1st-5th; 2nd-6th; ...)</li> <li>Winners to the Semifinal &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The winners from the Quarterfinals</li> <li>Pairing by time (1st-3rd; 2nd-4th)</li> </ul>	<ul style="list-style-type: none"> <li>Bronze Medal: losers from the Semifinals</li> <li>Gold Medal: winners from the Semifinals</li> </ul>
<b>"E"</b> 25 and up	<ul style="list-style-type: none"> <li>Random Pairing</li> <li>The 8 fastest advance to Last 16</li> <li>The next 16 to the Repechage Rest out</li> </ul>	<ul style="list-style-type: none"> <li>From the Heats 9th to 24th place and below by time</li> <li>Pairing by time (9th-13th; 10th-14th; ...)</li> <li>8 fastest advance to Last 16 &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>8 fastest from Qualification</li> <li>8 fastest from Repechage</li> <li>Pairing by time (1st-9th; 2nd-10th; ..)</li> <li>8 fastest advance to the Quarterfinals &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The 8 fastest from the Last 16</li> <li>Pairing by time from Qualification (1st-5th; 2nd-6th; ...)</li> <li>Winners to the Semifinal &amp; Rest out</li> </ul>	<ul style="list-style-type: none"> <li>The winners from the Quarterfinals</li> <li>Pairing by time (1st-3rd; 2nd-4th)</li> </ul>	<ul style="list-style-type: none"> <li>Bronze Medal race: The losers from the Semifinals</li> <li>Gold Medal race: The winners from the Semifinals</li> </ul>

## **1.9 COMPETITION JUDGES -OFFICIALS**

The ICF has 15 Officials (14 + ICF Technical Director) for the competition. The same officials will judge the two canoeing disciplines.

The selection of the 14 ITO's will be based on the recommendation of the ICF Canoe Sprint and Canoe Slalom Committees taking into account Continental representation. The ICF Board of Directors will approve the selection.

The target is to appoint ITOs under 50 years of age with gender equity

10 NTO's will be selected by HOC. One of the TOs has to take the position of Technical manager: responsible for the equipment and other technical matters included the technical staff in connection with the event

A seminar will be given for the selected officials for Buenos Aires before the competition will start.

### **1.10 THE OFFICIALS WORKING POSITIONS:**

- ✓ Chief Judge: Will be responsible for overall control of each event.
- ✓ Start: This will be prepared by the Aligners and will be controlled by a starter from the start / finish line position close to the course.
- ✓ Two officials will be placed in a boat (or pontoon) on the course in the centre of each of the turning points in the Canoe Sprint competition. They will judge the completion of the turns by the athletes.
- ✓ Course Umpires: will be responsible for the correct negotiation of the course.
- ✓ The Finish Line judges will be responsible for the controlling of the results and the timing accuracy of each athlete crossing the line.
- ✓ Additional time judges and boat control will be required. Number to be decided upon.

## **2 Specific Competition Rules for Canoe Head to head Sprint**

The layout of the course provides equal distances for each athlete and is marked with visible buoys and separated with buoy-lines between the 2 sides. The athlete finishes the race when he/she has properly navigated the course and his/her boat's bow reaches the finishing line.

The progression system is based on time or winning a race depending on the phase of the competition. Each event contains different phases of racing from the Qualification Heat to the Gold Medal Final. The number of athletes entered in each event determines the progression system.

The width of the course will be 54m.

### **2.1 THE COURSE CONSTRUCTION AND THE COURSE DESIGN**

It has 3 straights, and two turning manoeuvres. The full course length is approximately 420m long. The start and finish will be on the same line.

The breakdown of the race course:

- ✓ The 1st leg is 70m straight from the start to the 1st turning buoy
- ✓ The 2nd leg is the 1st turn around the buoys
- ✓ The 3rd leg is approximately 100m straight until the second turn
- ✓ The 4th leg is the 2nd turn around the buoys
- ✓ The 5th leg is the final 70m straight until the finish line.
- ✓ Two turning points with about 25m radius will be marked with 4 buoys (40 or 50 X 50 cm in size)
- ✓ The 4 buoys indicating the turn will be located approximately 10m distance from each other
- ✓ The total distance shall be 54 m between the first and last buoys at the turn
- ✓ The course must be built as close as possible to the spectator area. (Grandstand) The cables of the existing rowing course can be used with the addition of one extra line from the Lane 1 to the Finishing Tower.

- ✓ The Start / Finish line must be located in front of the VIP (Finish Tower) area. Approximately 80m on the course from the existing Rowing finish line.
- ✓ Two starting pontoons will be used for the boat holders. Two automatic start machines required. Speakers need to be placed on the start pontoons.
- ✓ The exit part of the straight direction (after the last turning buoys) shall be marked with big yellow coloured buoys (60-70cm) on each side of the course.
- ✓ In order to see the direction clearly a floating rope shall be placed on the course to separate the two directions of the two paddlers on the Canoe Sprint course.
- ✓ Buoys for CSP competition are regular buoys used during official competition.
- ✓ The buoys showing the entry of the curve have to be bigger than the other ones.

## **2.2 THE TRAFFIC ON THE COURSE**

- ✓ The athletes shall paddle on the course in accordance with the layout of the course from start to finish.
- ✓ The athletes shall paddle on the outside of the course separation rope or buoys along the entire course from the start to finish.
- ✓ The athletes have to turn outside of the 4 turning buoys at each side of the course.
- ✓ The athlete's body, paddle or the boat can touch the rope and buoys at any point but the actual boat can not go inside or on the wrong side of the course.
- ✓ Wrong negotiation on the course can be corrected by paddling back and return the correct way
- ✓ A boat which moves inside the separation rope line or any buoy from the inside (except the finish line buoy) must be disqualified from the event if the athlete does not correct the mistake.
- ✓ If capsize occurs the competitor is eliminated from the race.
- ✓ If a paddle or boat or a part of the boat i.e. foot brace etc is broken the race will not be repeated. Spare paddles can not be given by another competitor.

## **2.3 STARTING RULES**

- ✓ Two athletes will start at the same time on the start line. Paddling direction will be anti-clockwise and the race will be one full lap of the course. The interval between the starts will be determinate as 2.5 or 3 minutes. The starts will be supported by automata start machines and boat holders.
- ✓ Athlete receiving lane 1 (by drawing lots) needs to line up to the right hand side of the course (closest to the Finish-tower) whilst the athlete with No. 2 shall line up on the opposite side.
- ✓ Competitors shall be on the water at the starting area when and where the Officials will require it.
- ✓ The start shall commence without reference to any absentees. The start must be on time respecting the race schedule.
- ✓ If a competitor does not start and has no valid reason approved by the Competition Committee he/she shall be disqualified from the competition.
- ✓ If one competitor withdraws from a race when the progression depends on winning (knock out) the other competitor must start but will be considered as the winner and progress to the next round. This rule is not valid for the Events where the time will be considered for progression to the next round.
- ✓ The start command will be: "READY - SET" then starting signal or gunshot will be given. Between the order of READY and the starting signal the competitors must not paddle. If any competitor starts paddling before the starting signal they will be given a false start and a final warning.
- ✓ In the event of a second false start by the same competitor he/she will be disqualified from the competition in that discipline.



- ✓ In the event of an athlete disqualified for a false start the remaining athlete will be declared the winner of that race when the progression is dependent on winning a phase. This rule is not valid for Events where the time will be considered for progression to the next stage.

## **2.4 FINISHING RULES**

- ✓ The boat has finished the race when its bow crosses the finish line with the athlete in it.
- ✓ If the two boats reach the finishing line at the same time they are awarded the same classification.
- ✓ In case of a dead heat in any round the "Tie Break Rules" will be applied.
- ✓ The finish is the same as the start line for each athlete
- ✓ Athletes finish the race when the bow of the boat reaches the finish line between the marked (red) buoys

## **2.5 DISQUALIFICATION FOR HEAD TO HEAD SPRINT**

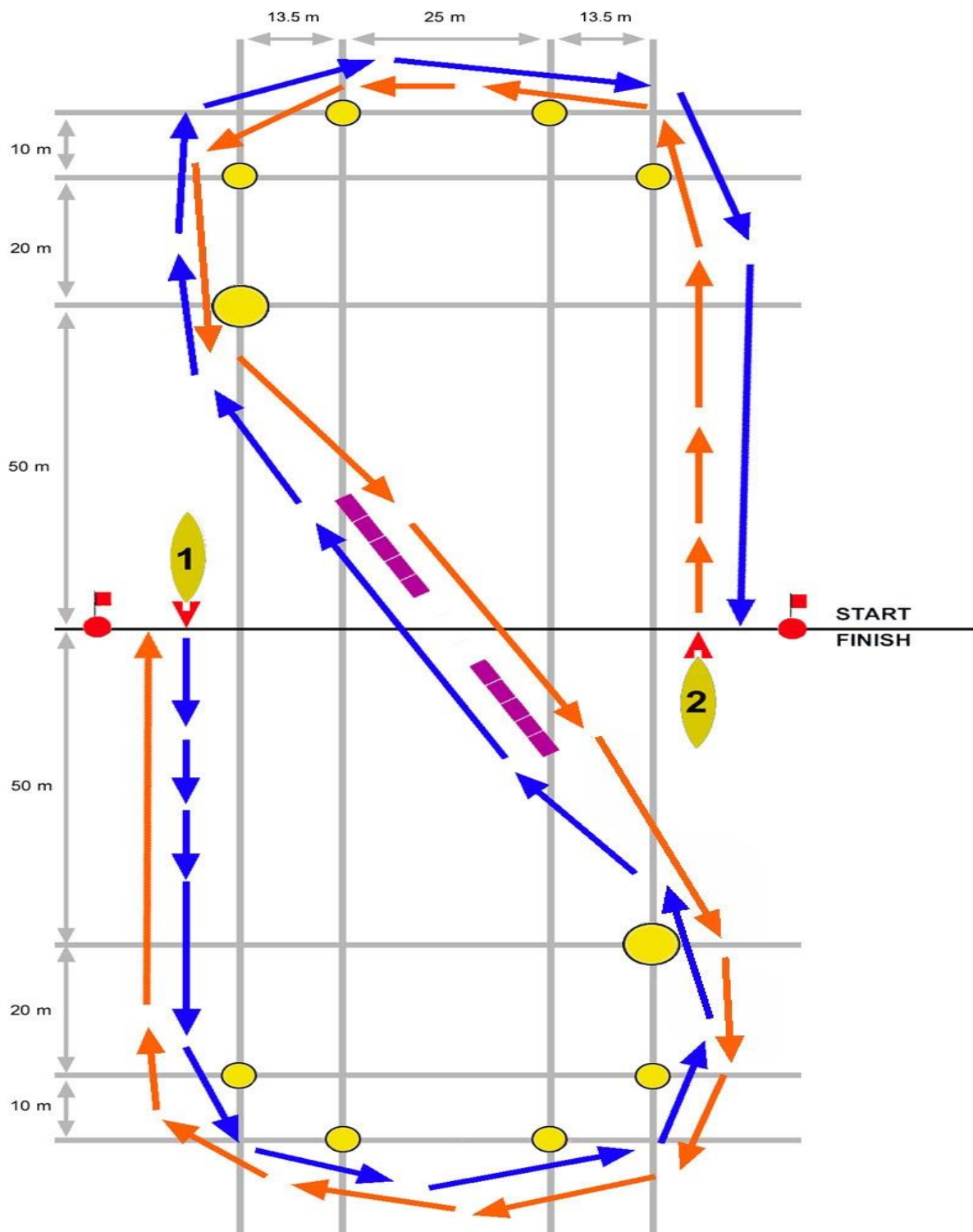
The Chief Judge is the arbiter on any disqualification matters. Athletes may be disqualified in the following cases as examples:

- ✓ Athlete not at the start at the scheduled time.
- ✓ Athlete paddling in the course of their opponent competitor.
- ✓ Buoy(s) left out
- ✓ Exiting the boat because of capsizing

Youth Olympic Games  
NANJING 2014

## CANOE - KAYAK

### HEAD TO HEAD CANOE SPRINT



### 3 Specific Competition Rules for Canoe Slalom Obstacles

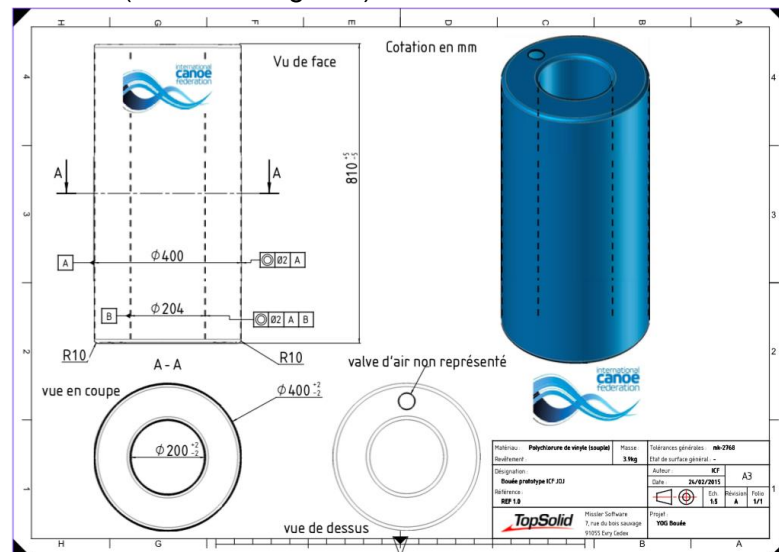
The layout of the course is the same for both athletes with marked visible red and green numbered buoys. A separation buoy-line between the two courses exists.

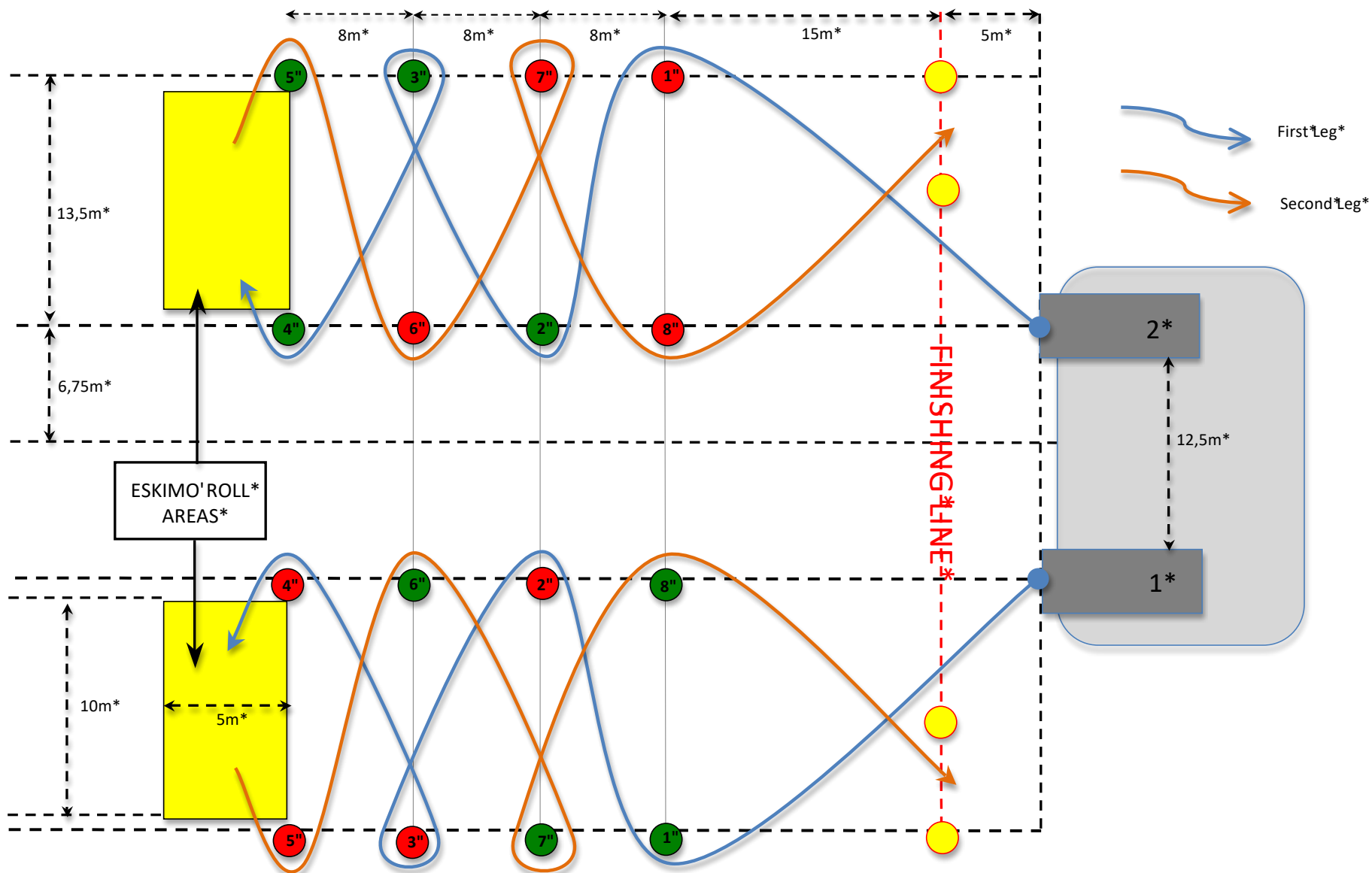
The athlete finishes the race when he/she completes course properly and his/her boat's bow reached the finishing line. The progression is based on time or winning a race depending on the phase of the competition. Each event contains different phases of racing from the Qualification Heat to the Gold Medal Final. The progression system depends on the number of athletes entered in each event.

#### 3.1 THE COURSE CONSTRUCTION AND THE COURSE DESIGN

Two courses will be built with an identical layout. Four pairs of buoys will be placed on the 50m long course.

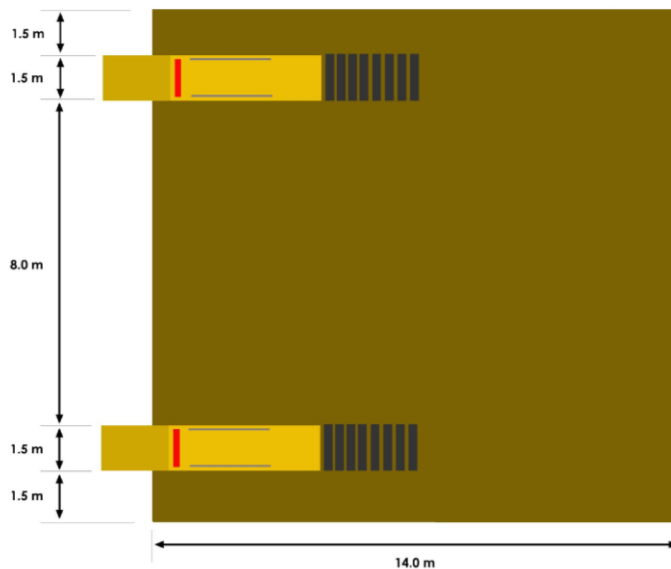
- ✓ Zone 1: Start to 4th buoy The athletes paddle from the start, negotiating the buoys 1 to 4 in the required direction.
- ✓ Zone 2: rolling area, between 4th and 5th buoy
- ✓ Zone 3: from 5th buoy to finish line The Athletes exit from the rolling area and return to the finish line by clearing buoys 5 to 8.
- ✓ The course (buoys) must be built within the existing Canoe Sprint Racing course.
- ✓ The Start / Finish line must be the same as for the Sprint course and located in front of the VIP area
- ✓ An automata timing system must be made available
- ✓ The start position requires two platforms on the pontoon for the boats to slide down to the water
- ✓ The distance from the bottom of the ramps to the last pair of buoys is 44m
- ✓ The entire course shall be marked with the required colored buoys. Buoys for CSL should be as the ones on the sketch (8 red and 8 green)



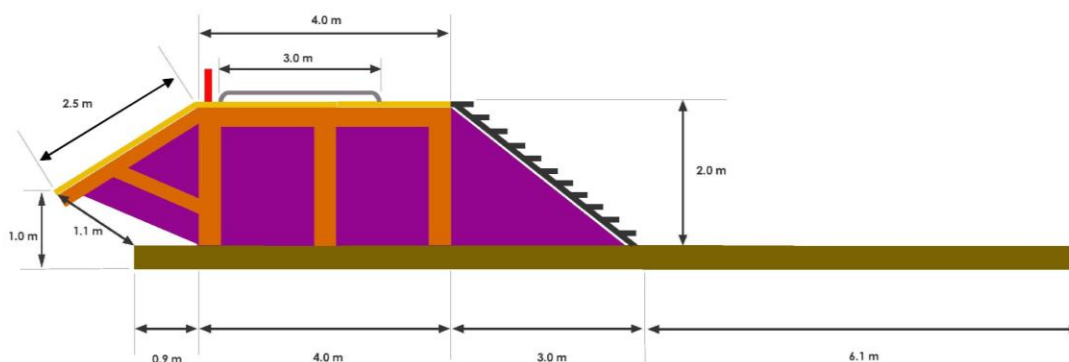


## 3.2 PLATFORMS DESIGN

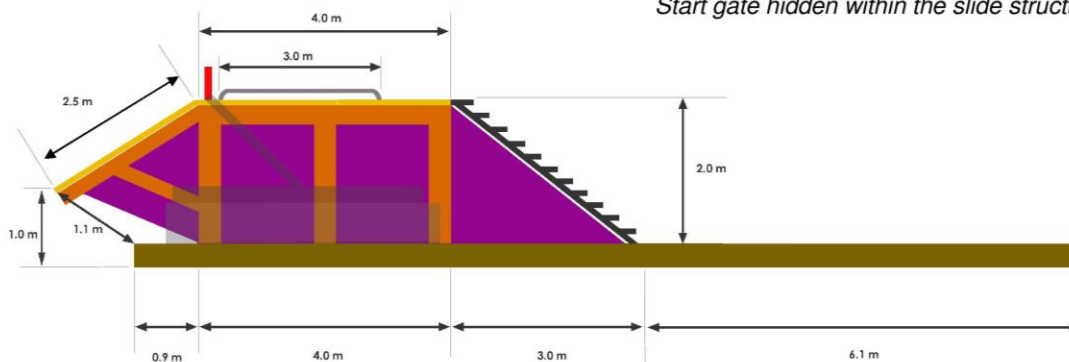
### Canoe-Kayak : Obstacle Canoe Slalom Start Pontoon with two slides (Plan View)



### Canoe-Kayak Obstacle Canoe Slalom Slide Structure (section view)



*Start gate hidden within the slide structure*

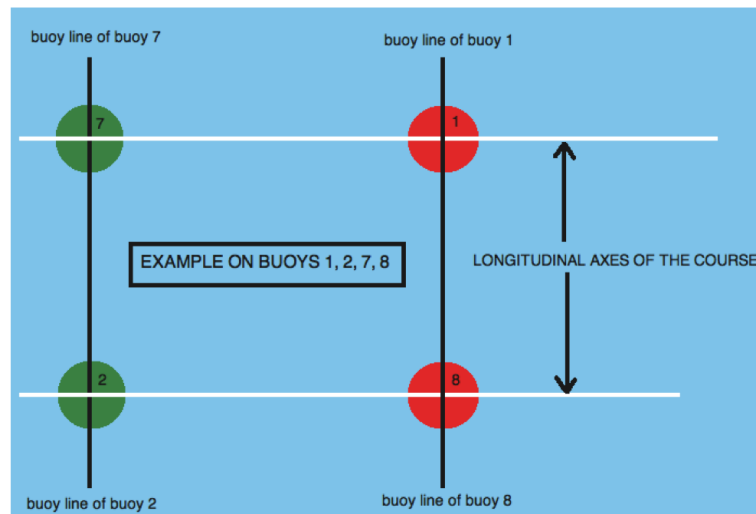


### 3.3 NEGOTIATION OF THE COURSE

- ✓ All the buoys must be negotiated in numerical order (1 to 8).
- ✓ All buoys may be negotiated in any presentation from the correct side of the buoy.
- ✓ If a paddle or boat or a part of the boat is broken, the race will not be repeated.
- ✓ Athletes are not to accept any outside assistance. The Chief Judge may disqualify any Athlete who accepts outside assistance.

### 3.4 NEGOTIATION OF THE BUOYS

The buoy line is the line between two buoys, perpendicular to the buoys considering the longitudinal axe of the course



- ✓ Negotiation of a buoy begins when the start is given OR the boat and the body of the competitor breaks the buoy line
- ✓ Negotiation of a buoy ends when the negotiation of any subsequent buoy begins OR the finish line is crossed.
- ✓ The following conditions must be satisfied for a buoy to be considered correctly negotiated:
- ✓ All buoys must be negotiated in accordance with the direction established by the colour of the buoy:
  - ✓ Red buoys: to be passed on the right hand side
  - ✓ Green buoys: to be passed on the left hand side
- ✓ The complete body of the competitor and boat must go along the buoy in accordance with the correct side of the buoy and the course plan.
- ✓ During any buoy negotiation no part of the body and boat is allowed to break the buoy line in the wrong side.
- ✓ There is no penalty for touching a buoy

### 3.5 CORRECT NEGOTIATION OF THE ESKIMO-ROLL

- ✓ The paddlers have to make a full roll (fall right-come up left or fall left-come up right).
- ✓ The roll must be done within the defined area marked by the 4th and 5th buoys and 2 other buoys making a square area (5mx10m)

### 3.6 STARTING RULES

- ✓ Athletes will start the race by sliding off the platform into the water.
- ✓ The start command will be: "READY" then the starting signal will be given. Between the order of "READY" and the starting signal the competitors must not paddle. If any competitor begins paddling before the starting signal, he/she will be given a false start and a final warning. In the event of a second false start by the same competitor, he/she will be disqualified from the competition.
- ✓ In the event of one athlete being disqualified for false start, the remaining athlete will need to complete the course if they wish to register a time.
- ✓ Start Position Allocation (Draw). Athletes would be drawn randomly for their start position in all phases of the competition
- ✓ Athletes will be called to the start by the pre start control immediately the previous competitors have completed their race.
- ✓ Athletes not present at the start may miss their start; the start must be on time with respect to the race schedule.
- ✓ If an athlete does not start and has no valid reason approved by the Jury, he/she shall be disqualified from the competition.

### **3.7 FINISHING RULES**

- ✓ The finish line is an imaginary line located after the 8th buoy. 2 coloured (not red or green) buoys will mark the finish line.
- ✓ Athletes finish the race when the body crosses the finish line.
- ✓ Athletes must remain in the finish area to warm down until dismissed, as they may be required for Equipment or doping control.

### **3.8 DISQUALIFICATION FOR OBSTACLE SLALOM**

The Chief Judge is the arbiter on any disqualification matters. Athletes may be disqualified in the following cases:

- ✓ Athlete not at the start at the scheduled time.
- ✓ Athlete paddling in the course of their opponent competitor.
- ✓ Intentional pushing of a buoy to allow negotiation (it is not judged an intentional push when the body and the boat of the competitor were already in a position in which it would have ideally negotiated the buoy).
- ✓ Buoy left out. Buoy(s) left out is determined to have occurred when negotiation of any subsequent buoy begins OR the finish line is crossed.
- ✓ During any buoy negotiation no part of the body and boat is allowed to break the buoy line in the wrong side.
- ✓ The non-correct full roll is a matter of disqualification
- ✓ Capsizing according the definition of the ICF CSL rules 2017 is a matter of disqualification