

2km RING RACE RULES

DRAGON BOAT@PESTA SUKAN

7th AUGUST

SPORTS HUB WATER SPORTS CENTRE

Organized By:

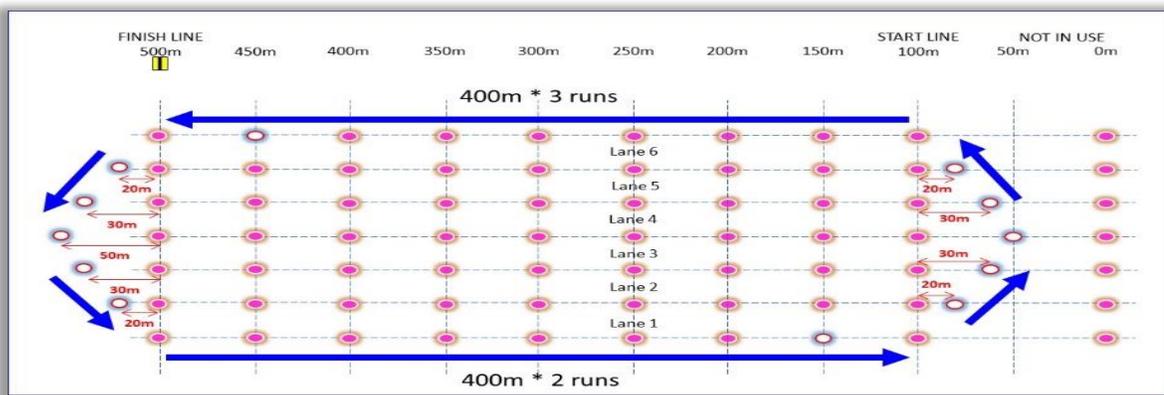


1 DEFINITIONS

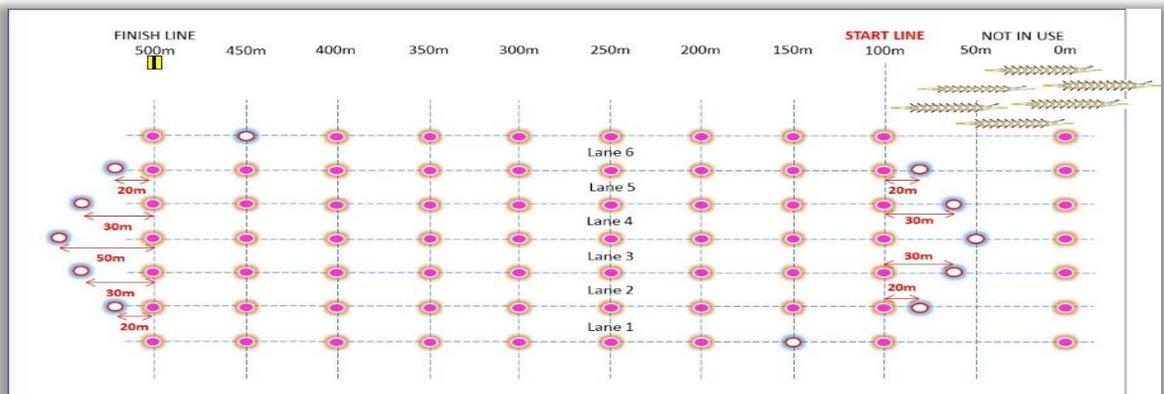
- 1.1 Racing Crew (CR): refers to the crew inside the dragon boat that is participating in the 2,000m ring race
- 1.2 Overtaking Boat (OB): refers to the RC that is attempting to overtake the RC that is in front of them.
- 1.3 Boat being Overtaken (BO): refers to the RC that is being overtaken by a boat that is coming-up from behind them.
- 1.4 Line-of-Racing (LOR): refers to the direction of race undertaken by the RC

2 THE RACING COURSE

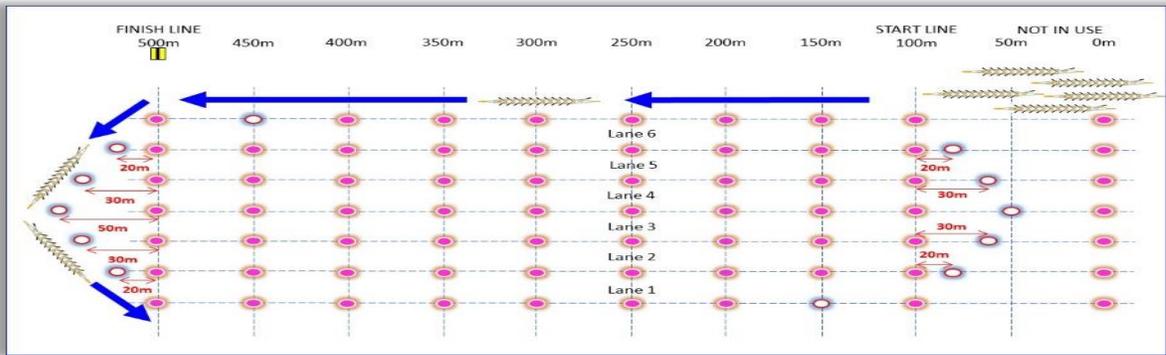
- 2.1 The race course shall be:
 - a. 400m long per LOR for total of five (5) runs to make 2,000m in total
 - b. Involved four (4) turns
 - c. The distance covered by the 4 turns does not constitute part of the 2,000m racing distance



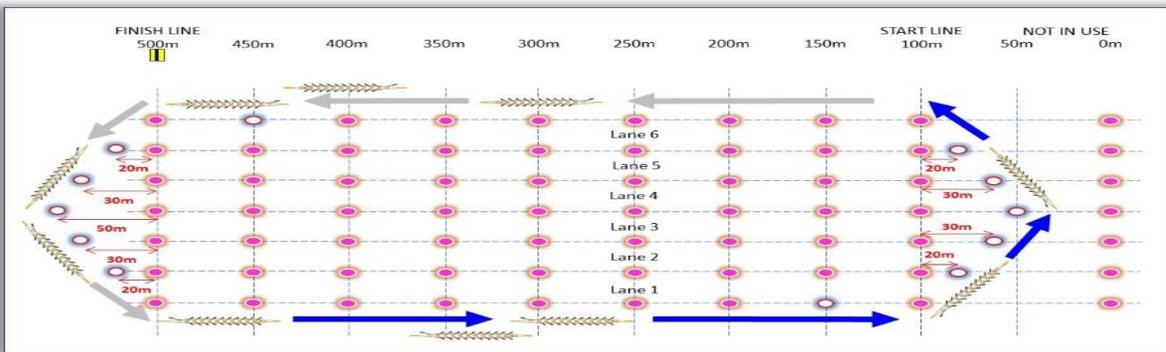
2.2 Start Line



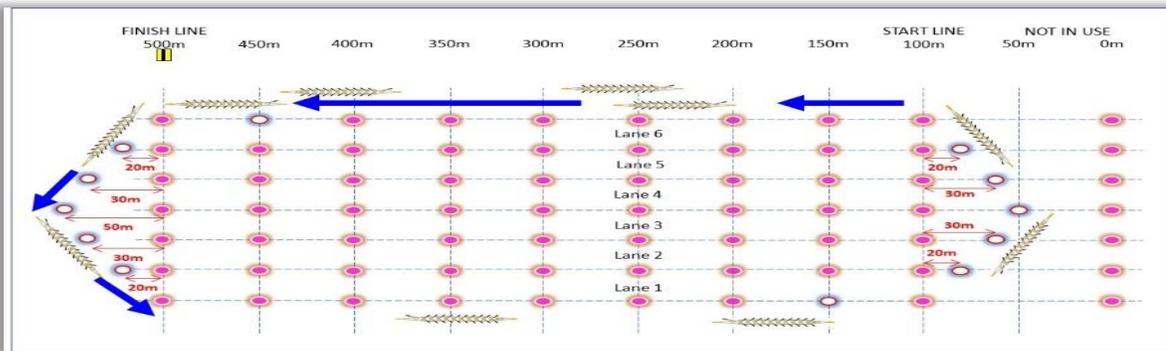
2.3 1st Line of Racing (400m run) and Turn 1



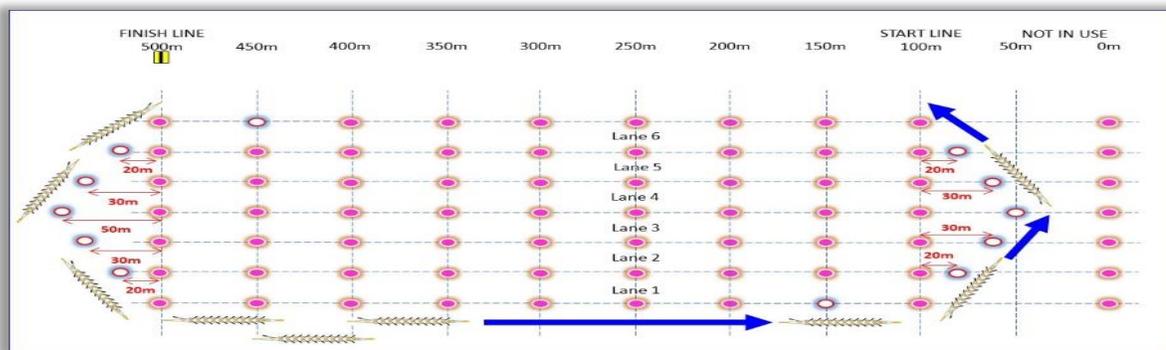
2.4 2nd Line of Racing (800m run) and Turn 2



2.5 3rd Line of Racing (1,200m run) and Turn 3



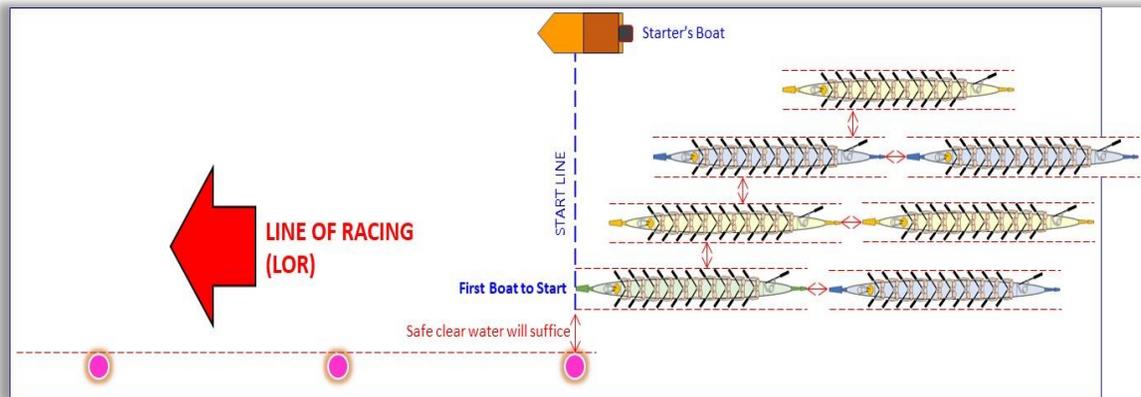
2.6 4th Line of Racing (1,600m run) and Turn 4



- iii. A RC that does not have a valid preceding race time (i.e. the RC did not participate in any preceding race, etc.), shall start first, before the RC with slowest preceding race time mentioned above
- iv. If there are more than one (1) RC without valid preceding race time, Boat Marshall or Race Secretary shall conduct a Start Draw for these RCs only (known as RC group). The RC group shall start before the RC with slowest preceding race time mentioned above

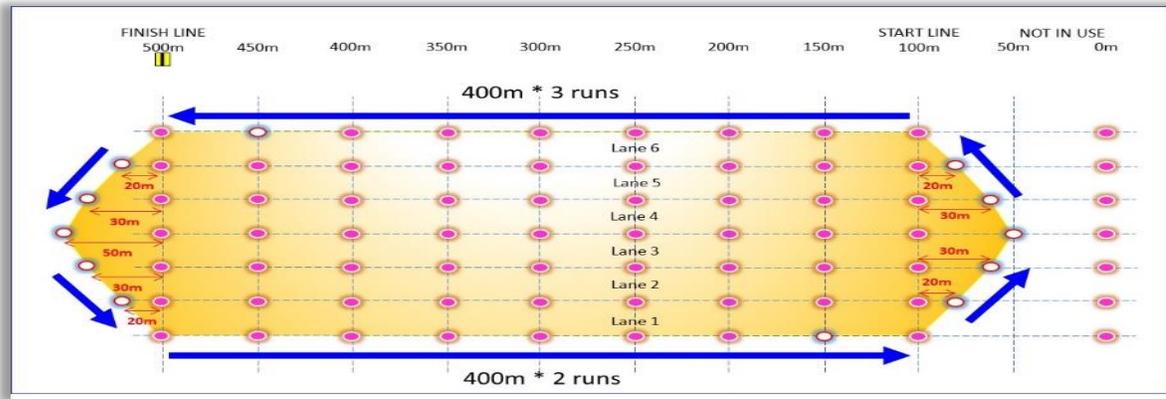
3.4 Start Process

- a. SDBA adopting maximum 10 boat race per start wave
- d. The boats shall be arranged in an In-line Astern pattern, i.e. the RCs shall be lined-up, one behind the other according to the order of draw.
- e. All boats behind the start line, except the RC drawn as the first boat on the start line, is permitted to move or drift in order to maintain station in the order of draw
- f. When called by Starter to approach the start line, the RC must comply immediately
- g. Onus on RC to ensure that they do not cross the start line before the Start Commands. Starter may not command the RC that has crossed the start line to back paddle to before the start line.



4 **LINE OF RACING (LOR) IN STRAIGHT COURSE**

- 3.1 RC must steer a straight course down the LOR during the whole of the race except when overtaking
- 3.2 The racing lanes are demarcated as being outside of the Kallang Basin racing course:
 - a. LOR 1, 3 & 5: Outside of Lane 6, downstream from Merdeka Bridge to WSC
 - b. LOR 2 & 4 : Outside of Lane 1, upstream from WSC to Merdeka Bridge
- 3.3 RCs are not permitted to race inside of the buoys marking the left-hand edge of the Racing Lanes (shaded area in the diagram):



- 3.4 The RC that race inside of the buoys marking the left-hand edge of the Racing Lanes (shaded in the diagram), shall be given the following penalties:
- 5 secs for missing 1 buoy before crossing back into LOR
 - 10 secs for missing 2 buoys in a row before crossing back into LOR
 - 15 secs for missing 3 buoys in a row before crossing back into LOR
 - Disqualification (DQ) for missing 4 or more buoys in a row
- 3.5 In the course of staying in the LOR, the RC will not be disqualified or penalized for going close to, or for touching any of the buoys marking the left-hand edge of the Racing Lanes provided that the RC did not cross-over to end up inside of the racing lanes (the shaded area in the diagram)

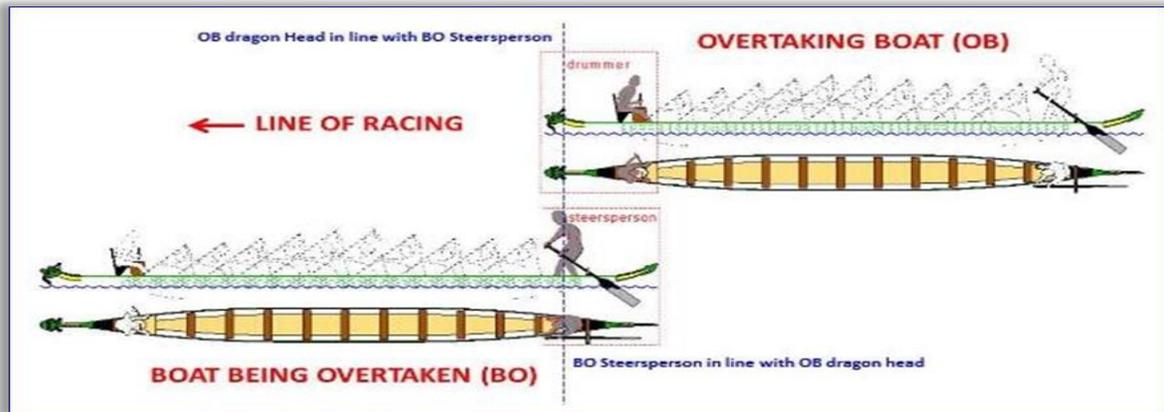
4 RIGHT OF WAY IN THE STRAIGHT COURSE LOR

- 4.1 In the opinion of the Chief Official any racing manoeuvre by an OB or a lack of clear water between boats has endangered the safety of another crew, or materially affected the result of the race, the Offending Crew shall be disqualified.
- 4.2 A crew's race time that has been adversely affected by the actions of another crew, that is, when a Course Umpire has confirmed that time has been lost through an obstruction or impediment of the crew concerned:
- Time Deduction Bonus (TB)** of up to 20 seconds, may be awarded to the Victim Boat.
 - Time Penalty (TP)** of up to 20 seconds, may be given to the Offending Boat

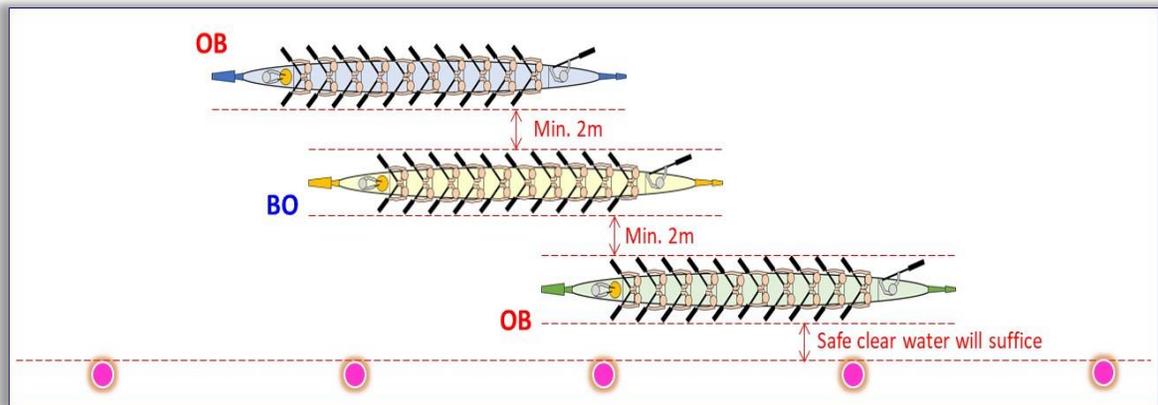
5 OVERTAKING IN THE STRAIGHT COURSE LOR

- 5.1 Overtaking can be done on either the port or starboard side (left or right) of the Boat-being-Overtaken (BO), provided there is sufficient clear water (i.e. safe space) for the Overtaking Boat (OB).

- 5.2 An overtaking attempt is deemed underway once the dragon head of the OB is in line with the Steersperson on the BO



- 5.3 The BO must give clear water to the OB while the overtaking is underway. Until the overtaking is completed, the BO must:
- Not accelerate to pull away
 - Not alter course and/or make sudden rudder alterations
- 5.4 Safe clear water is defined as 2m paddle-to-paddle gap between the BO and OB.



- 5.5 Clash of paddles during overtaking will be considered similarly as a type of sideswipe collision. Depending on the nature of the infringement, the Race Umpires may recommend the following to the Chief Official:
- Time penalty up to 10 secs to the RC that caused the infringement
 - Disqualification (DQ). If in the opinion of the Race Umpires, the act is deliberate (i.e. either the BO or OB purposely manoeuvred without consideration of providing clear water, etc.)

6 LOR IN THE TURN CORRIDOR

- 6.1 The Turn Corridor is the area marked by up to five (5) Turn Buoys of different colour or size to the racing course buoys, marking the turning radius of the Ring Race racing course LOR

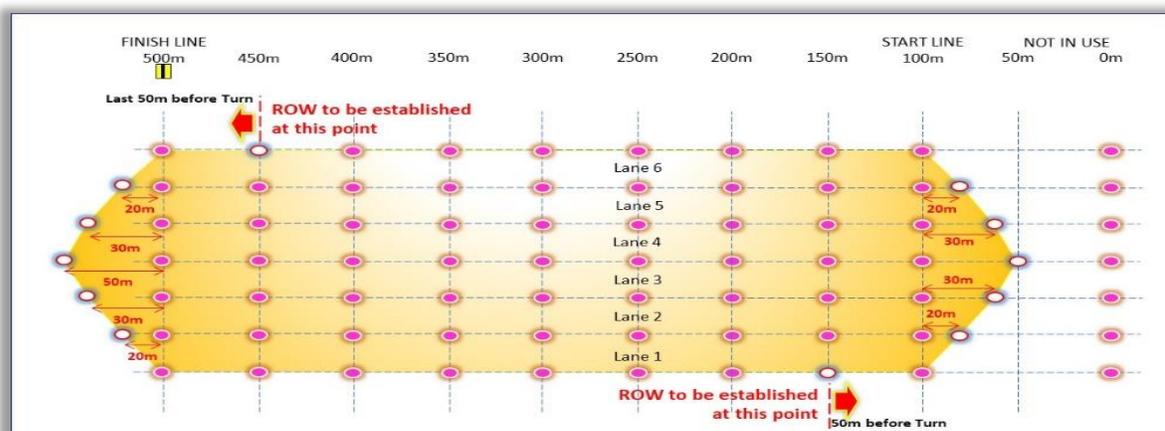
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- 6.2 The RC will not be disqualified or penalized for going close to, or for touching, any of the Turn Buoys when in the Turn Corridor LOR.
- 6.3 The RC that turns inside a Turn Buoy without acceptable reason (i.e. in the Race Umpire's opinion, the RC tried to avoid a collision, etc.), shall be given the following penalties:
- a. 5 secs for missing 1 buoy
 - b. 15 secs for missing any 2 buoys, not necessarily in the same order
 - c. 30 secs for missing any 3 buoys, not necessarily in the same order
 - d. Disqualification (DQ) for missing any 4 or more buoys

7 RIGHT OF WAY IN THE TURN CORRIDOR

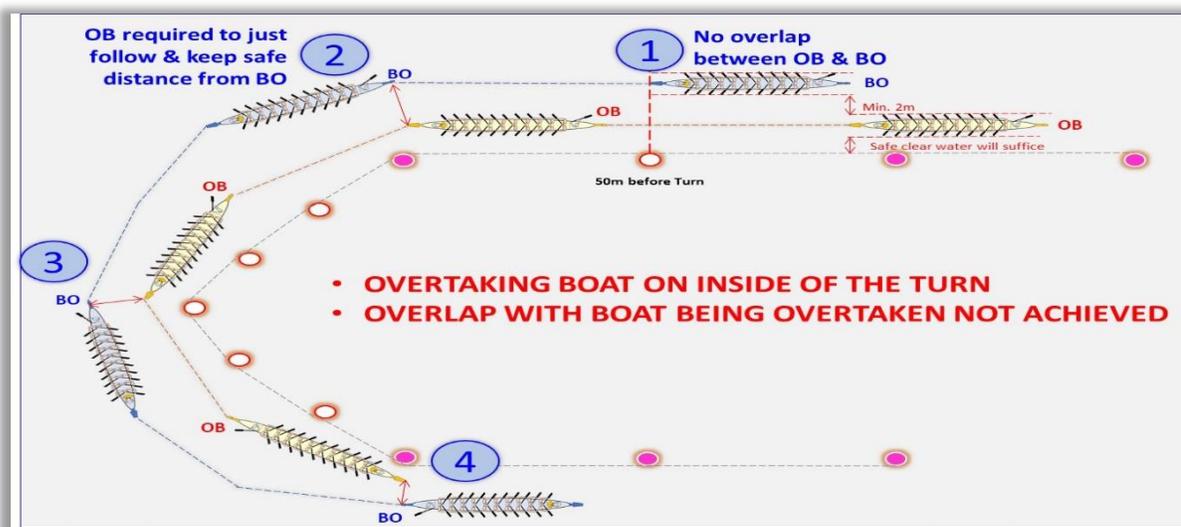
- 7.1 The RC that reached the 50m Mark before Turn Corridor first, shall have right of way
- 7.2 The BO must not steer in a manner that is likely to cause a collision with another boat. The OB must not Steer in a manner that is likely to cause a collision.
- 7.3 If during the course of the turn, a boat impedes or collides with another boat, the Chief Official shall apportion blame and/or issue a disqualification when crew safety is compromised.
- 7.4 If the Chief Official decides that a boat has impeded the forward motion of another boat, or that the crew in the impeded boat had, by necessity, to stop paddling;
- a. **Time Deduction Bonus (TB)** of up to 30 seconds, may be awarded to the Victim Boat.
 - b. **Time Penalty (TP)** of up to 30 seconds, may be given to the Offending Boat

8 OVERTAKING IN THE TURN CORRIDOR

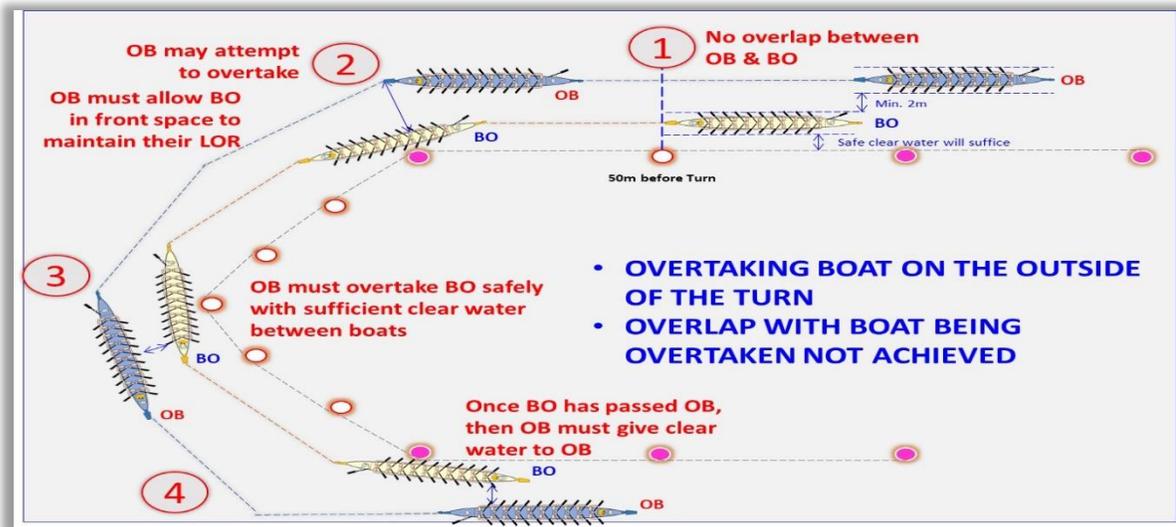
- 8.1 **Establishing Right-of-Way (ROW).** ROW is determined at the last 50m point before the start of every Turn
- 8.2 In the event that two RCs reached the 50m Mark before Turn Corridor and that overlap between the two boats has been achieved (therefore overtaking situation established), the OB may attempt to overtake the BO;
- a. Onus on OB as the Following Boat to always watch the movement of the BO as the Leading Boat, to avoid a collision
 - b. OB should only attempt to overtake if the situation is safe for them to do so



- 8.3 The OB gains ROW only when it has established an overlap with the BO. The minimum consideration for the OB's ROW is when the dragon head of the OB is in line with the Steersperson on the BO. See Rule 4.2
- 8.4 BO must give room for the OB to maintain its LOR throughout the turn.
- 8.5 Both OB and BO must still maintain clear water between them. If in the opinion of the race Umpire that the RC that did not give clear water, TP up to 20 secs may be given to the offending RC.
- 8.6 OB is on the Inside of the Turn: If overlap not achieved, overtaking is not permitted and the trailing OB should just follow and keep safe distance from the front BO, throughout the Turn

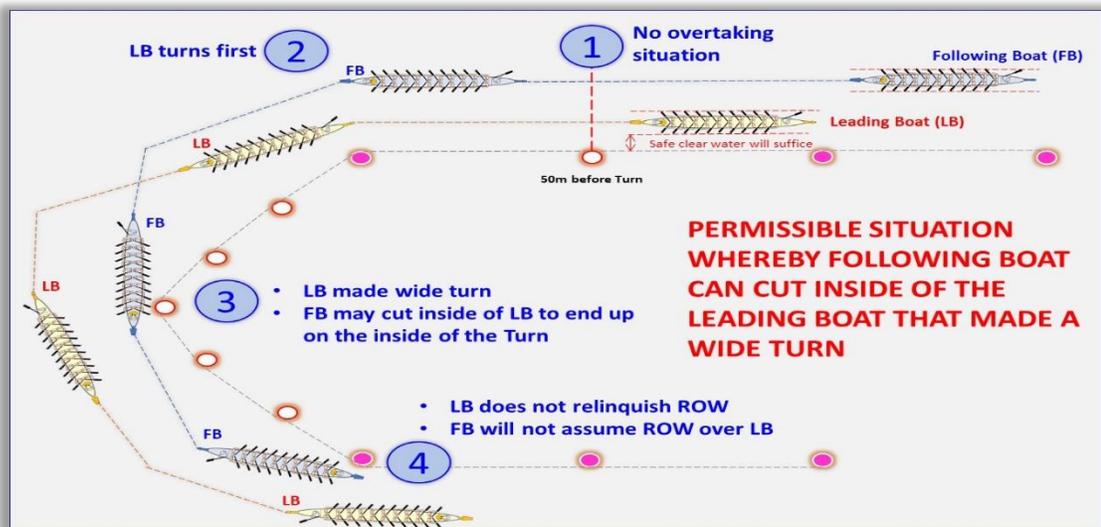


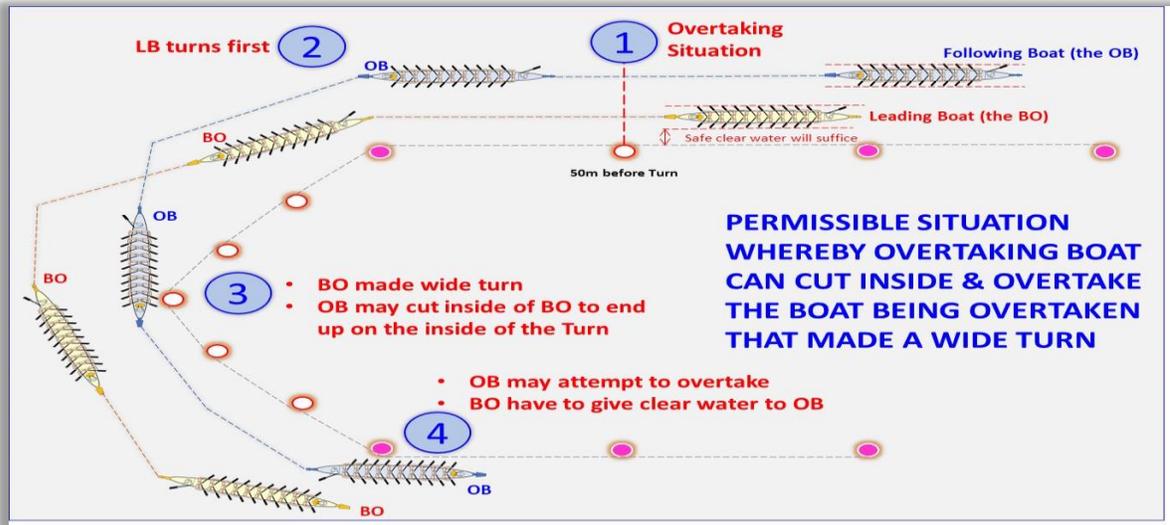
8.7 OB is on the Outside of the Turn: If overlap is not achieved, the overtaking attempt is still permitted but the trailing OB must allow the front BO to maintain its racing line and maintain clear water between the two boats



8.8 Leading Boat on the Inside Turn Steering Wide: Where a leading boat makes an excessively wide entry or exit in the turn, the following boat, that has not obtained an overlap, may attempt to pass through on the left if there is sufficient space on the inside to maintain clear water between the boats.

- During this manoeuvre, and throughout the turn, the leading boat does not relinquish right of way to the following boat and the following boat will not assume right of way over the leading boat.
- The following boat must always respect and provide necessary right of way and clear water to the leading boat throughout the turn
- Any contact or interference with the leading boat (i.e. if the Race Umpire opined the following boat impeded the leading boat), shall result in a TP up to 20secs added to the following boat





9 DEAD FINISH TIE

- 9.1 In the event of a Tie, a joint placing will take place.
- 9.2 Medals will be split between the teams and given out during Prize Presentation ceremony. The top-up of the medals will be given at a later date.
- 9.3 The Prize Money quantum will, however, remain and amount will be split between the teams.

10 PENALTY TABLE

| s/n | Description | Maximum Time Penalty (TP) Time Deducted (TD) | Given to |
|-----|--|---|--------------|
| 1 | <u>At Start Line</u> RC is ahead of the start line at the time of their start (i.e. when Starter issuing start command to the RC) | TP 10 secs | Offending RC |
| 2 | <u>At Start Line</u> Jump Start: Paddle movement after command 'Are You Ready' | TP 5 secs | Offending RC |
| 3 | <u>Line Of Racing in Straight Course</u> Racing inside of race course markers: a. Missed 1 buoy b. Missed 2 buoys c. Missed 3 buoys d. Missed 4 buoys or more | a. TP 5 secs b. TP 10 secs c. TP 15 secs d. DQ | Offending RC |

| | | | |
|---|--|--|--|
| 4 | <u>Right Of Way in Straight Course</u> a. RC caused collision(s) and/or endanger other racing crews b. RC's actions affected the actions of another racing crew, i.e. had to hold water or manoeuvre clear, etc. | a. TP 20 secs b. TD 20 secs DQ if deemed as deliberate act | a. Offending RC b. Victim RC |
| 5 | <u>Overtaking in Straight Course</u> a. RC caused clash of paddles. b. RC did not give clear water c. RC's actions affected the actions of another crew, i.e. had to hold water or manoeuvre clear, etc. | a. TP 10 secs b. TP 10 secs c. TD 10 secs DQ if deemed to be deliberate act | a & b. Offending RC c. Victim RC |
| 6 | <u>Line Of Racing in Turn Corridor</u> Racing inside of race course markers: a. Missed 1 buoy b. Missed 2 buoys c. Missed 3 buoys d. Missed 4 buoys or more | a. TP 5 secs b. TP 15 secs c. TP 30 secs d. DQ | Offending RC |
| 7 | <u>Right Of Way in Straight Course</u> a. RC caused collision(s) and/or endanger other racing crews b. RC's actions affected the actions of another racing crew, i.e. had to hold water or manoeuvre clear, etc. | a. TP 30 secs b. TD 30 secs DQ if deemed as deliberate act | a. Offending RC b. Victim RC |
| 8 | <u>Overtaking in Turn Corridor</u> a. RC caused clash of paddles. b. RC did not give clear water c. RC's actions affected the actions of another crew, i.e. had to hold water or manoeuvre clear, etc. | a. TP 20 secs b. TP 20 secs c. TD 20 secs DQ if deemed to be deliberate act | a & b. Offending RC c. Victim RC |

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