# **Scoring – Robodog 22/9/21**

The official score will be calculated at the end of each match.

The maximum score is:

* 31 points for a qualifying match
* 39 points for a final match
* 10 points for the vehicle documentation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Requirements | Point value | Total available | Qual | Final |
| 1. | **Driving** |  |  |  |  |
| 1.1. | The vehicle drives from a section in the match driving direction. This is applicable for the starting section, but not applicable for the finish section and other section next after it. | 1 | 24 | 24 | 24 |
| 1.2. | The vehicle drives a full lap. 8 sections were passed successfully in the match driving direction. The starting section is included in the eight sections for the first lap. The lap is considered as completed if the vehicle completely drives out of the last (corner) section in the lap. So, the vehicle is able to start moving in the opposite direction after this and the lap will be still taken into account. | 1 | 3 | 3 | 3 |
| 1.3. | After the completion of three laps the vehicle stopped in the finish section. | 4 | 4 | 4 | 4 |
| 1.4. | The match was stopped before the vehicle completed three laps and the traffic signs were not moved and knocked down in those sections which the vehicle passed through completely. *Applicable only for final matches.* | 4 | 4 | - | - |
| 1.5. | After the completion of three laps the traffic signs were not moved and knocked down. *Applicable only for final matches.* (1 Moved = no score??) | 8 | 8 | - | 0 |
| 1.6. | The team performed repairing actions by taking the robot out of the field even if the actions were not successful. | Total match points divided by factor 2 | | - | - |
| 2. | **Vehicle documentation** |  | Scored |  |  |
| 2.1. | Team photos | 1 | 1 | - | - |
| 2.2. | 6 vehicle photos | 1 | 1 | - | - |
| 2.3. | URL to YouTube | 2 | 2 | - | - |
| 2.4. | A schematic diagram the electromechanical components  Scored 2/4 – I only asked for basic but be mindful of the full required criteria | 4 | 2 | - | - |
| 2.5. | GitHub code – Wrong code on Report document? | 2 | 0 | - | - |
|  | Subtotals | | **6** | **31** | **31** |
| 10 | 31 | 39 |
|  | Combined Total | | 80 | **68** | |

The time measured by a judge at the moment of the match end is written down and will be later used to identify the best match. For the final matches, the average value of measurements made by two judges is used. If a team or vehicle was disqualified for the match, the maximum time (3 minutes) is given for such a match.

Notes:

* F2 vehicle did not start in the correct position
* F2 stop against wall? Not sure how that will be judged internationally
* Github link on Report document incorrect
* In 1.5 the ruling is quite strict I think as one pillar moved = no points – I will take this up with International (e.g. -2 point for every traffic signs moved)
* Not 100% sure of how to score 1.2 so gave full score

Flippin well done 😊