

ABU Robocon 2023 Phnom Penh, Cambodia

FAQ2-2

2022.12.07

Please read the rule book carefully before sending any questions. Please cooperate with us for smooth operation in a limited time.

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[FAQ2-2 Posted on Dec 12, 2022 Providing answers for questions received from 25 Sep – 05 Nov 2022](#)

FAQ2-2 (the remaining questions from FAQ2-1)

Revision Answer: Q 8-7 & Q 2.1-42 (01 April 2023)

2.Game

2.1 Game Procedure

FAQ #	Question	Answer
2.1-40	If a team accidentally throws its ring into the opponent's area, may the crew members collect it during the match ?	No.
2.1-41	Can the red/blue team's RR pick up the blue/red rings fallen on the ground of the Angkor Center Area and throw them into the Red/Blue Area?	RR can touch or pick up the fallen rings in the Angkor Center Area.
2.1-42	In relation to the section 2.1.16 and 2.2 in the Rule Book, we consider that when a ring which has not been in touch with a robot at the time the game ends is tossed to the Pole after the game ends, such as by a throw of the robot ring before the game ends, the ring will be valid when tallying up the score (because it will make it easier to distinguish valid rings from invalid ones). Is this assumption correct?	When the 3 min is finished, the points will be determined. If the ring is still not on the pole, the ring is not valid whether it come to on the pole later on. The rings which are shot or still in the air after the buzzer are valid. Rings get points if they are successfully tossed in the pole. If they are not tossed in the pole, there will be no point. (revision 01 Apr)
2.1-43	We have a question in relation to the section 2.1.14 in the Rule Book, which states "Once the rings are tossed in the pole, they cannot be removed." Should a ring be removed; 1. how will the removed ring be treated? We considered that (, from the safety point of view,) referees will not put it back to the Pole but the game will continue as if the ring has not been removed from the Pole. (That is to say, the ring which has been at the top of the Pole before removed will still be regarded as	1. Yes, it is. 2. Yes, it is. 3. It is a violation of the Rule 2.1.14.

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	<p>the one at the top until other rings are tossed to the Pole.) Is this correct?</p> <p>2. (since it is regarded as still in the Pole from which it has been removed,) the removed ring cannot be used again and it becomes invalid even if tossed to another Pole. Is this correct?</p> <p>3. will the team whose robot removed the ring be imposed some penalties? Is it right to consider that removing rings should be regarded as a violation and that the robot which removed rings should be forced to retry?</p>	
2.1-44	<p>The section 2.1.15 of the Rule Book states "The RR cannot touch the RR of the opponent team." In relation to this, we assumed that it is not allowed to touch the rings which are held by RR of the opponent team in addition to RR itself, or to touch RR of the opponent team with rings held by their own team's RR. Is this correct? We considered this way because tolerating these acts has a danger of rings' or robots' being destroyed. (JP)</p>	<p>It is OK if the rings held by robots come to contact with the opponent robot. However, it will be a violation if the robot used the rings to obstruct the movement/action of the opposing robots.</p>

2.2 Points

FAQ #	Question	Answer
2.2-7	<p>We have some questions in relation to the section 1.18 in the Rule Book, which states, "The moment the team successfully put all top rings of their color into all 8 poles (own team's Type 1 poles / Type 2 poles / Type 3 pole), they achieve Chey-Yo and be declared as a winner".</p> <p>1. In the actual game, referees need to monitor all the 11 poles at the same time to check the achievement of "Chey-Yo" and it seems very difficult. Are staff members managing this game aware of this point?</p>	<p>We are planning to use the scoring system monitors.</p>

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2.2-12	When the ring is shot before sign of ending game, and it enter pole after the sign, can this ring become points of team?	No.
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2.4 Retry

FAQ #	Question	Answer
2.4-10	Three kinds of touching were enumerated in the answer for Q2.1-9 in the FAQ1-1. For the second case, if A is moving very slowly or A is rear-ended by B, but after being impact A is required retry, is it fair? Also in the answer for Q2.1-9, it says "If the referee deems that B has run into opponent robot A with malice intention → Team B is disqualified". On what basis does the referee decide that the actions of B are malicious?	It is based on the judgment of the referee.
2.4-11	Is it allowed for the RR that has completely entered the Angkor Wat Area to retry in its start zone?	RR must retry from the Retry Zone according to the Rulebook 2.4.3.
2.4-12	As for the response to FAQ2.4-5, if all the ground planes of the RR are in the Angkor Wat Area, does it have to be in its Retry Zone and not in the Start Zone when retry?	RR must retry from the Retry Zone according to the Rulebook 2.4.3.

5 Robots

FAQ #	Question	Answer
5-13	What happens if the robot clearly extends exceeding the regulated size during the game?	It is a violation, and the team must retry.

8. Other

FAQ #	Question	Answer
8-16	Where can I get these rings made of rubber? Can you send us if we are going to buy them? Because we can't find it here in Mongolia.	Please kindly refer to the ring information, appendix 2, in the website.
8-17	Can you please share the specifications of the field object rings such as weight, shore, ID of pipe, method of joining and if possible source from where we can purchase those rings.	Please kindly refer to the ring information, appendix 2, in the website and weight of the ring is 94-97g.
8-18	Timeline for the whole event (Important Dates).	Please refer to the official website.
8-19	Will the rings be available for us to buy?	No, we encourage all robots team find the materials to make ring base on the appendix 2 on the website or contact us for any problem.