



Eurobot^{open} 2007

Robot Recycling Rally



Official Rules 2007

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FAQ 2

Introduction

This FAQ is divided into two sections: "Corrections", containing information which replace or add precisions to the official rules for 2007, and "Answers to common questions", which contains official answers to some of the most common questions posted on the forum or asked by email.

Corrections

3.5 Beacon support/ Reflectors

The cylinders covered with reflective tape are 21,3mm of diameter instead of 22mm. The top of the cylinders is 350mm high from the playing area. So the cylinders located on the corners where are the bins are 310mm high (because the border is 40mm high). The other cylinder with reflective tape located in the middle of the opposite border (between the two starting area) is 280mm high. The three cylinders are covered with reflective tape. But the masts of the beacon supports are not covered by reflective tape. (see the pictures page 4)

3.6.2 Plastic bottles

The label is located between 100 and 150 mm high from the bottom of the bottle. There is a mistake in the drawing. The value "115mm" on the drawing, should be "150mm".

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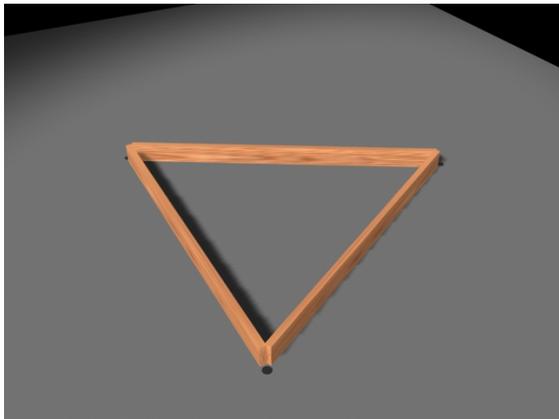
3.7.1 Placement of the waste

Position of the batteries: are they inside or outside the triangle just before the beginning of the match? In the text of the rules (paragraph 3.6.4), it is written "inside" and in the draw, they are "outside". What is the correct position of the batteries?

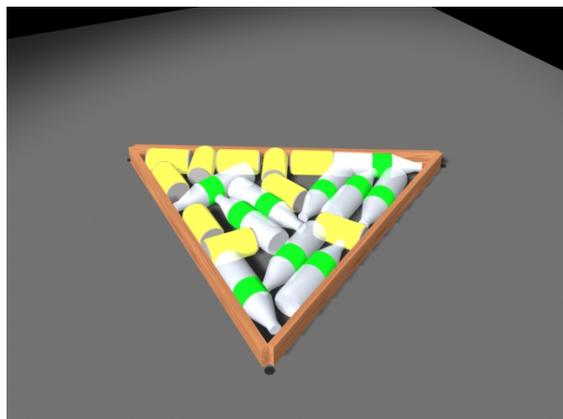
The batteries will be outside the triangle just before the beginning of the match.

For the installation, we use the followed procedure: (see the four pictures)

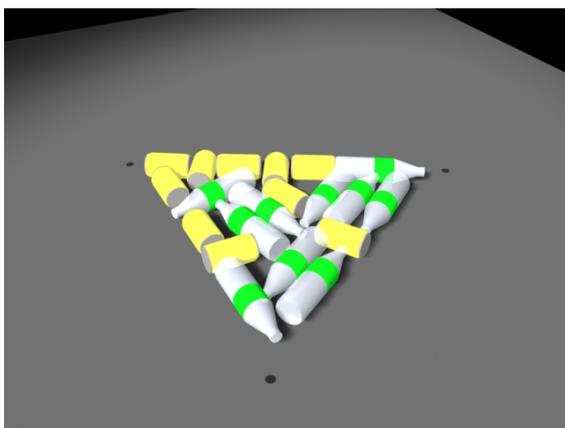
- triangle in place, we put the waste inside (Picture 1 and picture 2)
- the triangle is removed, and batteries are placed at this time on the dots painted on the playing field (Picture 3 and Picture 4).



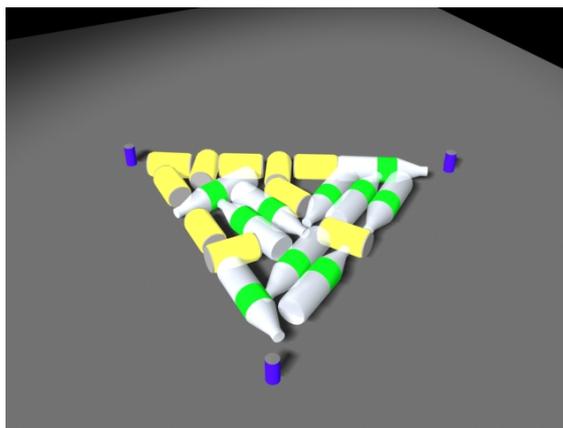
Picture 1



Picture 2



Picture 3



Picture 4

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3.7.2 Basket

There is a "basket" randomly placed on the middle line of the table and fixed to the table at the beginning of the match by a screw (6mm diameter).

For the screw is not 6mm but 8mm. The basket is a hollow cylinder, 194mm in exterior diameter and 30mm tall, with 4mm walls and open at the top.

Answers to common questions

Q1: The rules says that "The top of the bins is covered by the same insulating adhesive tape of uniform colour and 50mm wide (red or blue) of the batteries".

Since the bin is 350mm high, what do we have to assume?

1. the gate is 300mm high and then there is a 50mm bar covered with tape (or)
2. the gate is 350mm high and then there is a 50mm bar covered with tape, for a global height of 400mm

Another question. Since bins are made with net (in the upper part), do we have to assume that also each vertex is covered with the tape (as the drawing in the front page of the rules suggests)? If this is the case, what is the size of such a covering?

A1: The gate is 350mm high. The bin is made with net that is maintained with a rigid bar with a negligible thick (10 or 12mm maximum). Only this bar is covered with the adhesive tape (borders of the opening). (see below the pictures of the bins)



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