RULES 2018
25th edition of robotic contests

This document corrects some misprints on the official rules for 2018 Eurobot / Eurobot Junior contest published on October 2017. Be careful, it does not take into account, all the answers provided on the forum.

IT LISTS ALL CORRECTED POINTS AND SCHEMAS, ORDERED BY SECTION.
C. Theme presentation

The schema with the caption at the end of the section, which gives the position of each playing element, contains a mistake. The label with a “9” at bottom/right corresponding to a single coloured wastewater recuperator should have been an “8”.

D. Playing area and actions

D.4. Feeding the city with drinking water

D.4.a. Description and layout of the game elements

The following sentence:

Each team has its own storage bin.

must be replaced by:

Each team has its own storage bin whose the borders are with its colour.
D.6. Feeding its home automation panel

D.6.b. Actions and constraints

The following sentence:

The home automation panel must not extend beyond the perimeter of the playing area

must be replaced by:

The home automation panel must not extend beyond the perimeter of the playing area, including the external border. However, an overflow beyond the back border is accepted.

F. The robots

F.4. Other design constraints

F.4.b. Eurobot\textsuperscript{Open} specificities

In the list of all specifications for the on-board beacon support, an error is present in the first item.

- be of cylindrical shape (vertical cylinder), with a diameter of between 80 mm and 100 mm. The cylinder wall must be solid and opaque.

This sentence is replaced by:

- have a convex hull, in any altitude, with a minimal size a 70-mm diameter circle and with a maximum size a 100-mm square;
- be solid and opaque;

And we precise the “opacity” notion: it describes a material able to intercept the light at least in the visible spectrum. And we strongly recommend that it be opaque for the infrared spectrum too.

G. Beacon tracking system (Eurobot\textsuperscript{Open} specificities)

G.3. Fixed beacons

G.3.b Fixation / attachments

In figure 12, which shows the position of all fixed beacons on the playing area, the backgrounds of the wastewater treatment plant are not correct. Seen from the public:

- on the left & right, we must see a neutral background (grey);
- and the borders must be orange in the left, and green in the right.
G.4. Central tracking device

In figure 13, the axis of the attachment system in the last correct example has been shifted by mistake.

H. Matches

H.3 Counting points

H.3.a. Feed the city with drinking water

Each ball of the opponent’s colour in the treatment plant counts for 10 points (and not 5).
J. Appendix

J.3. General drawings

1) The height of the external border of the playing area is missing. It measures 70 mm (same value as previous editions).

2) The depth of the recuperators masts just above the border is not indicated: it should be 44 mm. So they should overflow on the back with 22 mm.

3) The measures of the building areas are missing; however, they can be deduced thanks to the 3D file. Here, the schema with the correct sizes.