«PRACTICAL ROBOTICS OLYMPIAD» CONTEST RULES

*Version **1.2** dated September 09, 2015.*

1. General provisions

1.1.1. Teams of no more than three people participate in the contest.

1.1.2. Using of any kind of software is allowed.

1.1.3. Using of Internet is prohibited.

1.1.4. Olympiad duration is 180 minutes.

2. Requirements to the robots

2.1. Construction sets

2.1.1. Only construction sets provided by Olympiad organizations is allowed to use.

2.1.2. Participants will be provided by the following construction sets:

2.1.2.1. "Junior High" – Lego Mindstorms construction sets (with NXT controller);

2.1.2.2. "High" – TRIK construction sets.

3. Competition

3.1. Objective of competition

3.1.1. Exercise all the suggested problems for the minimal time.

3.2. Start

3.2.1. Problems texts will be provided in Russian and in English to each participating team in one copy.

3.2.2. All the categories will be tasked with the same problems.

3.3. Problem presentation

3.3.1. When team solved the task it hands in the robot to referees for examination.

3.3.2. After robot was approved team should present task implementation to the referees. There are no more than two minutes for task implementation.

3.3.3. In case of failure the restart is possible but it depresses the points for the task in 20%[1].

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[1] The exact value of presents may be changed by referees in the day of competitions.

4.   Rules for winner selection

4.1.1.   All the teams are divided in two categories:

4.1.1.1.   "Junior High" – the eldest team member age does not exceed 15 years in the first day of the month competitions taking place in.

4.1.1.2.   "High" – the eldest team member age does exceed 15 years in the first day of the month competitions taking place in.

4.1.2.   The winner is selected in the each category independently of the other categories.

4.1.3.   Any team may take a part only in the one of the categories listed above.

4.1.4.   The winner team in the category is the one scored the maximal count of points.

5.   Changelog

5.1. Version 1.2

5.1.1.   "Junior" category removed.