

«SUMO» CONTEST RULES APPENDIX 1 «MANDATORY QUALIFICATION EXERCISES»

Version 1.1 dated July 28, 2016.

1. General provisions

- 1.1. This appendix to the Sumo contest Rules sets out the requirements for the video file which must be presented by all the teams participating in the Sumo contest (hereinafter – the video).
- 1.2. The video is provided by the teams to demonstrate the capability of the robots to participate in the contest.
- 1.3. The video is provided during the registration. The team which failed to provide the video cannot participate in the contest.
- 1.4. The application of the team which provided the video which does not meet the criteria described in this document during the registration may be rejected by the organizers of the competitions.

2. Requirements to content of the video

- 2.1. The fighting between the robot meeting the criteria of the Rules (see section 3 of the Rules¹) and the passive object on the ring which should meet the criteria of the Rules (see section 4 of the Rules). Robot must find and kick the object out of the ring.
- 2.2. The passive object must have weight corresponding to the maximal weight of the contest category robot is declared to participate in (see table 1 in the text of the Rules). The object must be weighted during the video.
- 2.3. The object must be stable and must not slide over the ring surface. The following procedure must be depicted in the video: the ring surface (or the same surface) with the object placed on it is tilted at the angle of 30 degrees with the horizontal line and the object is not slide over the surface.
- 2.4. The robot must not be placed directly in front of the object or in the direction of the object. Robot ability to find the competitor on the ring must be demonstrated on the video.
- 2.5. Robot must find and kick the object out of the ring in time not exceed 30 seconds.

¹ Hereinafter the Rules means “Sumo” contest Rules, version 3.4 dated April 12, 2015 of version 3.5 dated July 13, 2016.

- 2.6. Any kind of the video editing is not acceptable. The video must contain the frame with an A4 (or similar size) paper sheet which clearly shows the name of the team and the date of the shooting.
- 2.7. Team members must be depicted on the video.
- 2.8. The video duration must not exceed two minutes.

3. Change Log

- 3.1. Changes were introduced into the footnote on page 1 in Version 1.1 of this document.
- 3.2. Version 1.0 of this document was created at July 14, 2016.