CARGO CONNECT^{SM}

Challenge Updates

Updated 21 October 2021

UPDATE 11 – M10 SORTING CENTER SETUP ADJUSTMENT – For consistency and to accommodate all types of events, the following setup instructions will apply to all teams. Each of the team's matches must include a different M10 field setup configuration (there are 6 configurations in total). Teams may choose which configuration they would like before the match, but each match configuration must be different (the configuration chosen for one match cannot be used in another).
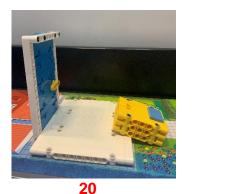
30 September 2021

UPDATE 10 – M08 AIR DROP SHARING ADJUSTMENT – If you are the only team in the match, you may begin with the food package completely in home. If at any point during the match, your robot interacts with the air drop model, you will automatically earn the 20 points for having released the food package and the 10 points for 'both' teams having separated their food packages from their field's helicopters.

UPDATE 09 – CARGO PLANE CLARIFICATION – After time, the cargo plane door may experience fatigue and may begin to lower on its own. Mission points due to model malfunction should be in favor of the team (R25 - Benefit of the Doubt).

UPDATE 08 – FOOD PACKAGE UPDATE – You may not remove the food package from the helicopter by hand.

17 August 2021

UPDATE 07 – M11 HOME DELIVERY CLARIFICATION– The following pictures have been provided as additional examples of the food package being on the doorstep partly vs completely:

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UPDATE 06 – R19 STRANDED CARGO UPDATE – The wording for R19 STRANDED CARGO has changed and provides teams with more options when former cargo rests partly in Home. The new wording is:

> **R19 STRANDED CARGO**
> **COMPLETELY OUTSIDE HOME:** If cargo is dropped or left outside of Home, wait for it to come to rest. If the former cargo rests completely outside of Home, it stays as is unless the robot changes it.
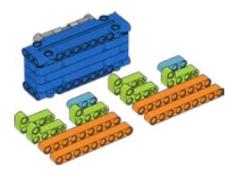> **PARTLY IN HOME:** Teams may remove former cargo that rests partly in home by hand at any time. If the object removed was a mission model, it must be given to the referee for the remainder of the match. If the object was equipment, it must be taken into home and the team will lose one precision token.

UPDATE 05 – M08 AIR DROP SCORING CLARIFICATION – When both teams have separated their food packages from their field's helicopter, both teams will earn 10 points. These points are additional to any other points scored in this mission. The new wording for M08 bullet 3 is:

> If both teams have separated their food packages from their field's helicopters: **10 added**

UPDATE 04 – R15 INTERRUPTION CLARIFICATION – The first bullet of R15 INTERRUPTION should reference R16 and R18, not R19.

UPDATE 03 – HINGED CONTAINER CONTENT PIECES – In Bag 3 of the Challenge Set, there are two sets of content pieces provided with the hinged container. Only one of these sets are to be used in the robot game. The other set are extra and to be used as replacement pieces. The picture below shows the hinged container and the two identical sets of content pieces:

UPDATE 02 – R01 EQUIPMENT SPIKE^{TM} ESSENTIAL – Teams may use motors and sensors from LEGO Education SPIKE^{TM} Essential for competition use.

UPDATE 01 – 'NO SHOW' *Gracious Professionalism*® **–** If teams do not attend an official robot game match AND do not let the referee or event official know the reason, they will get a default *Gracious Professionalism* score of 0 points for the missed match. A 'no show' at a robot game match impacts others and we expect *FIRST* LEGO League teams to demonstrate their Core Values and common courtesy in such situations. Informing an event official before or shortly after the match's scheduled time would be sufficient to get a *Gracious Professionalism* score of **ACCOMPLISHED** (3 points).

At events that have more than three official robot game matches, the *Gracious Professionalism* points allocated by the referee will still only make up 1/3 of the team's total Core Values score.