

February 23, 2007

TEAM UPDATE #14

GENERAL NOTICES

Robot Code

FIRST requests that teams bring their robot source code with them to all events. This is best practice and will be vital to your robot in case you need to reload your software (e.g. your Robot Controller malfunctions and you have to borrow a replacement).

Inspection protocol

Per Section 8 of the Manual please remember that you must present and submit your Bill of Materials to the inspector at each event. You may submit your Bill of Materials via hard copy or by saving it to the inspectors USB drive.

Section 0 - Introduction

No changes.

Section 1 - Communication

No changes.

Section 2 – Team Organization

No changes.

Section 3 – At the Events

No changes.

Section 4 – Robot Transportation

No changes.

Section 5 - The Awards

No changes.

Section 6 – The Arena

No changes.

Section 7 – The Game

Section 7 – The Game, Rev E has been modified to include the following changes:

Rule <G04> has been updated to state that:

Each ROBOT **may** start the match in POSSESSION of one KEEPER.

Rule <G36> has been updated to state that:

If a ROBOT is **in POSSESSION** of a GAME PIECE, a ROBOT on the opposing ALLIANCE may not grasp/attach to the GAME PIECE in order to remove it from their POSSESSION or prevent them from HANGING.

Rule <G47> has been updated to state that:

Any HUMAN PLAYER, DRIVER, or COACH may handle RINGERS or SPOILERS that are in the ALLIANCE ZONE **after the end of AUTONOMOUS PERIOD**.

Rule <G48> has been updated to state that:

Only the HUMAN PLAYERS may enter a RINGER or SPOILER onto the field once the TELEOPERATED PERIOD begins. This may be done by attempting to throw it to a ROBOT or onto the RACK, passing it through the CHUTE to a ROBOT, or passing it through the CHUTE for pickup by a ROBOT.

Section 8 – The Robot

Please note:

If your robot utilizes the PIAB vacuum pump then it must be plumbed as other pneumatic devices per the Manual.

Section 9 – The Tournament

No changes.

Section 10 – Kit of Parts

We would like to remind teams that the Allen-Bradley terminal blocks are required per the Power Distribution Diagram. If you did not put them on your robot please be sure to bring them with you to your events. Furthermore, we've gotten feedback that the screws may become loose with vibration. We recommend that you periodically re-tighten the screw terminals to prevent any connectivity issues.

Documents and Updates

No changes.

2007 *FIRST* Guidelines, Tips, and Good Practices

No changes.

The *Question & Answer* System

No changes.