

The 2004 FIRST Robotics Competition

January 20, 2004

TEAM UPDATE

03

→ Special Notices ←

Documents and Updates

FIRST will provide important information to teams via the FIRST web site at:

http://www.usfirst.org/robotics/doc_updt.htm

Please check the team updates portion of the web site on a regular basis to insure that your team does not miss critical information about the 2004 FIRST Robotics Competition.

Question & Answer System

The Question & Answer System can be found at:

<http://www.usfirst.org/robotics/2004/qa.htm>

1. Please ask one question at a time.
2. Questions are limited to 240 characters.

Section 1. Introduction

No changes.

Section 2. Communication

No changes.

Section 3. The Arena

❖ Clarification.

The animated pictures in sections 3 and 4 are for a general visual understanding of the field / game only. Teams should refer to the blueprints for exact dimensions and field construction? For example, the stationary goals are positioned back from the steps, not right near them as shown in the renderings.

Section 4. The Game

❖ Add new rule G28 as below.

<G28> If any part of a robot is in a Ball Corral (breaks the vertical plane of the diamond plate of the Wall), a referee will throw a 10-point penalty flag. The robot operator and the human player have a shared responsibility to avoid contact. If a team member touches the offending robot, that teams' robot will be disabled. If a robot pushes another robot to break the plane, the pushing robot will be assessed the penalty. If a human player touches a robot that has been pushed into the Ball Corral, the pushing robot will be disabled.

Section 5. The Robot

No changes.

Section 6. The Kit

❖ 3.2.3 Clarification.

The mobile goals will start against the sides of the Center Structure in random orientation.

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- ❖ Modify R71 as below. The new/modified text is **bolded** and *italicized* and/or ~~lined out~~.
- 0 <R71> Additional electronic components for use on the robot must be currently available from *or equivalent to those available from* Newark InOne (<http://www.newarkinone.com>), Future Active (<http://www.future-active.com>), ***Radio Shack*** (<http://www.radioshack.com>) or Digi-Key Corporation (<http://www.digikey.com>). The total catalogue value of additional electronic components must not exceed \$200.00 USD. This cost is counted as part of the \$3,500 limit. No single electronic component shall have a catalog value of over \$100.00 USD.

- ❖ Additional Information.
SportFun has notified FIRST that their minimum order is 2 cases of 6 balls each. FIRST is working with the supplier to see if this minimum can be reduced.

The 34" yellow (inflate to 30") ball can be ordered from SportFun (they are in California) by calling Marcy at SportFun at 888-386-8998, x116 or e-mail Marcy at mwatters@sportfun.com.

Section 7. The Tournament

No changes.