

March 6, 2007

TEAM UPDATE #16

GENERAL NOTICES

Scoring System

The scoring system was designed to optimize a large number of constraints. The unintended consequence was that many teams repeatedly played the same teams.

FIRST is working diligently to improve upon this and it will be enhanced for this weekend's events.

Non-*FIRST* Machine Shops

FIRST does not allow non-*FIRST* approved mobile machine shops at any FRC regional event sites, either inside or outside. This also includes grinding wheels, bandsaws and/or drill presses in the Pit. The local Regional Planning Committees have worked hard to provide machine shop facilities at every FRC regional event to meet your various needs.

Proper Mounting of Radios on the Robot

Poor reception can be caused from incorrect mounting and wiring. For best radio reception, follow these guidelines:

- 1) the RC and OI Radio Modems should be mounted high and perpendicular to the playing field
- 2) Both the Radio Modem Case and the moveable Antenna should be perpendicular to the playing field
- 3) The Radio Modems and DB9 Radio Modem Cables should be kept as far as possible from any High Current Wiring, Motors, and Victorsetc
- 4) The Radio Antennas should not be touching any other surface
- 5) The Radio Modem Case and Antennas should not be shielded by any metal structure
- 6) There should be a "Clear Line-of Sight" between the RC and OI Radio Modems case and Antenna
- 7) Interference from another radio source can be solved by changing to a different practice channel

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

No changes.

Section 8 – The Robot

No changes.

Section 9 – The Tournament

No changes.

Section 10 – Kit of Parts

No changes.

Documents and Updates

No changes.

2007 *FIRST* Guidelines, Tips, and Good Practices

No changes.

The *Question & Answer* System

No changes.