

February 13, 2009

## TEAM UPDATE #12

### GENERAL NOTICES

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General Notes from *FIRST* Headquarters:

#### Section 0 – Introduction through Section 2 – Team Organization

No changes.

#### Section 3 – At the Events

*At the Events*, Rev C, has been updated to include the following edit.

##### 3.3 *FIRST* SAFETY

Participants and team mentors should review the *FIRST* safety policies and the *FIRST* Safety Manual located at [www.usfirst.org/community/frc/content.aspx?id=470](http://www.usfirst.org/community/frc/content.aspx?id=470). It provides sound safety practices for your workplace and *FIRST* events. Additional specific site restrictions can be found within the information referenced in Section 3.2. Every team should know, understand, and follow the safety rules.

- Do not run in the venue.
- Wear closed-toed shoes to protect feet and toes.
- Charge batteries in an open, well-ventilated area. Do not charge near an open flame or near equipment that may produce sparks. Do not use smoking materials in the battery charging area. Charge in an upright position. It is not safe to charge the SLA battery in an inverted position. Should your battery leak, ask the Pit Administration Supervisor for baking soda to absorb the acid.
- Open flames are not allowed in any of the buildings
- Only the drayage company may handle loading robots in and out.
- Robots may be operated via wireless control only on the competition or practice fields.
- Two-way radios or other form of wireless communications are not allowed (with the exception of the previous bullet).

#### Section 4 – Robot Transportation through Section 7 – The Game

*Section 4- Robot Transportation*, Rev C, has been updated to include the following change:

##### 4.9.2. Shipping to Your Initial Event

All team robots/crates must be out of the team's possession by end of day on Tuesday, February 17, 2009.

**Note:** No further work can be done on the robots after this time. However, please be sure to work within the business hours of your carrier or the drayage site. *FIRST* will not make exceptions for teams that fail to make appropriate arrangements.

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## **Team Number & School/Organization on FedEx Bill of Lading/Air Waybill**

Teams must include their TEAM NUMBER and SCHOOL NAME on their FedEx Bill of Lading/Air Waybill. If the number is not in the "Shipper (From)" box, the Shepard representative at the Regional will require the team to fill in this information in the "Description" section.

When shipping from Regional to Regional, teams should fill in their **FedEx Bill of Lading/Air Waybill** as follows:

**Shipper (From):** (High School/Organization Name), Team # (XX)

**Attn. to:** Shepard Exposition Services

**Address:** (Address of the drayage site for the Regional just attended)

**Consignee (To):** Shepard Exposition Services

**Address:** (Address of the drayage site for the Regional shipping to)

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### ***Question 1: How do I schedule my initial, February 17th, robot shipment?***

**Option A** - If your team qualifies for the FedEx donation, you can schedule a pick up from the current location of your robot crate. To schedule, contact FedEx directly. To find out the appropriate FedEx number to call please go to the Robot Ship page

(<http://www.usfirst.org/community/frc/content.aspx?id=3570>) and choose the appropriate link under the question "HOW DO I SCHEDULE MY PICKUP USING THE FEDEX DONATION?"

**Option B** - \*If would like to save your FedEx shipment for later use, you may ship with any carrier of your choice (this includes shipping via the Shepard (SES) carrier). To get a shipping quote from SES, go to the website [www.shepardes.com/first](http://www.shepardes.com/first)

**Option C** - \*You can transport your robot crate directly (i.e., via your own truck, van, etc.) to your initial event drayage site. This requires a 48" bed height truck NO EXCEPTIONS. You can deliver between 8am-4pm on or before Tuesday 2/17/09.

*\*Please note the initial, February 17th shipment is the only time you may ship with a carrier outside of SES and the FedEx donation OR drive your robot crate to the drayage site.*

### ***Question 2: How do I schedule a shipment if I plan to attend more than one Regional?***

**Option A** - If your team qualifies for the FedEx donation, bring your bills of lading with you to your Regional. Make arrangements at the onsite SES drayage desk at the regional. After they receive the appropriate documents, SES will contact FedEx to schedule the pickup of your robot.

**Option B** - If your team has used all of your allotted FedEx donation shipments, you must ship through SES. Please contact Paula Mullis (704-394-9140 or email her at [pmullis@shepardes.com](mailto:pmullis@shepardes.com)) before your event begins to schedule your shipment.

### ***Question 3: I am attending back to back Regionals (aka consecutive weekend events). How do I ship between them?***

Teams attending "back to back" events must ship with SES. No exceptions. Please contact Paula Mullis (704-394-9140 or email her at [pmullis@shepardes.com](mailto:pmullis@shepardes.com)) before your event begins to schedule your shipment.

If you have any additional questions, please contact Team Support at [frcteams@usfirst.org](mailto:frcteams@usfirst.org) or 1-800-871-8326 x 0.

## Section 8 – The Robot

*The Robot*, Rev I, has been updated to include the following edit.

<R56> The cRIO Mobile Device Controller, Driver Station, wireless bridge, and wireless router must be configured to correspond to the correct team number (assigned to the team by FIRST). The procedures for configuring these devices are contained in the FRC control system documentation. Software and firmware used during the competition must be at the appropriate revision in order to pass inspection and compete. The software/firmware and permitted revisions are listed in the table below.

Software/Firmware	Revision
LabVIEW for FRC	Update 3.0a and newer
cRIO FPGA Image	FRC_2009_v11.Zip and newer
WPI Robotics Library	3.0.1718 and newer
Driver Station	2009-02-010a3 and newer

The *Inspection Checklist*, Rev C is now posted at <http://www.usfirst.org/community/frc/content.aspx?id=452>.

## Section 9 – The Tournament through Section 10 – The Kit of Parts

No changes.