

# Robot Transportation

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## Getting Ready

Download the “Shipping and Drayage” instructions for your Regional event(s) from the *FIRST* web site at: <http://www.usfirst.org/community/frc/regionalevents.aspx?id=430>.

This document includes specific details (i.e. labeling instructions) to ensure your robot is properly delivered to your event(s).

## Quick Note on the FedEx Donation

FedEx has been a very generous sponsor of the *FIRST* Robotics Competition. We value their continued participation and look forward to working with them this season.

## Do's and Don'ts

- **DON'T** ship to the venues!
- **DO** get crate labels from the “Shipping and Drayage” documents (<http://www.usfirst.org/community/frc/regionalevents.aspx?id=430>)
- **DON'T** lose your bills of lading/air waybills – FedEx may not replace! We cannot take any replacement requests after February 13th, 2009.
- **DO** contact *FIRST* if FedEx does not come to pick up your robot by February 17<sup>th</sup> (delayed for any reason). Team will **NOT** be penalized if situation is out of the team's control.

## Planning

1. Crate specifications
  - a) Wood material compliance
  - b) Mount on 4” x 4” feet for forklift
  - c) Size: 4'x4' wide & 70” high
  - d) Withstand stacking
    - a) Weigh 400 pounds or less when loaded to avoid drayage overage charges.
    - b) Be sturdy
    - c) 3/8” or 1/2” panel; no gaps, overlaps or voids
2. International
  - a) Special wood material specs. apply

- b) Customs/customs broker (*FIRST* is not responsible for making these arrangements)
  - c) Know the rules
3. Shipping Battery requirements
- a) Specified box enclosure & internal labeling
4. Crate Labeling
- a) Consignee Address labels
  - b) Battery inside label

## Shipping Your Robot

**For your initial event only**, you may choose any carrier to take your crate to the drayage warehouse **OR** you may drive your crate to the drayage warehouse. (For subsequent events, use only the Shepard Exposition Services carrier **OR** if you have not yet used it, the FedEx donation.

- A. **Using an alternate carrier (shipping to first event only)?** Refer to Section 4.9.2
- B. **Shipping via Shepard Exposition Services?** Complete info found in Section 4 of the Competition manual . Download at:  
<http://www.usfirst.org/community/frc/content.aspx?id=452>.
- C. **Shipping via the FedEx Donation?** Complete info found in Section 4 of the Competition manual . Step by Step process “Utilizing the FedEx Donation” at :  
<http://www.usfirst.org/community/frc/content.aspx?id=3570>.

## Deadlines

Robot crates must leave team’s hands no later than Tuesday, February 17, 2009

## Additional Considerations

- Delivering the robot to the initial event drayage site?
- Verifying shipment date/time
- Back to Back Regionals – How does shipping work?
- Qualify for the Championship
- Taking your robot home – Section 4.9.1.1

## Questions?

If you have any questions regarding robot shipping please call FRC Team Support at 1-800-871-8326 x 0 or email us at [frcteams@usfirst.org](mailto:frcteams@usfirst.org)