

# **Programming Team**

## **Punchlist**

### **2011-02-07**

#### **● Test pivot drive code**

- Ensure all code constants are correct
  - Compare electronics wiring to code
  - Verify calibration data
- Set up driver station w/joysticks
  - Use DEWBOT V's joysticks
- Do calibration of joysticks
- Test crab drive mode
- Test tank drive mode
- Test snake drive mode
- Note anything that needs modification
- Invite Drive Team to test
  - Only if satisfied with tests

#### **● Test autonomous mode code**

- Ensure code has all 15 scenarios
  - 5 scenarios for dead-reckoning
  - 5 scenarios for edge-following
  - 5 scenarios for line-following
- Ensure that disabling robot works
- Test dead-reckoning code (5 scenarios)
- Test edge-following code (5 scenarios)\*
- Test line-following code (5 scenarios)\*
- Note anything that needs modification

\*Only if line-following sensors are in place