

February 18, 2011

TEAM UPDATE #12

GENERAL NOTICES

Mandatory Software Update Released:

Mandatory software updates for LabVIEW, C/C++, and Java are available at <http://usfirst.org/roboticsprograms/frc/content.aspx?id=18758>. Each of these updates requires a reimage of the cRIO, which is included in the updates. New software version numbers are as follows:

- Java is now 4.14
- C++ is now V20110203rev2262
- LabVIEW is now 3.2
- cRIO image is now FRC_2011_v28

Re-imaging of the cRIO is required to address a recently discovered stack corruption issue. This issue could manifest itself in any number of ways, and it has been documented as a crash of the a process on the cRIO which makes the status LED blink 4 times and prevents LabVIEW from connecting with the cRIO. Re-imaging takes 2 minutes after the update is installed.

Section 1 – Introduction through Section 3 – The Game

No changes

Section 4 – The Robot

Section 4 – The Robot, Rev K has been updated to include the following edit:

<R49> ROBOTS must be controlled via the programmable National Instruments cRIO-FRC (National Instruments part number 780406-01), with image version FRC_2011_v28. Other controllers shall not be used.

A note about “light switches” permitted on the MINIBOT:

We have previously stated in the Q&A that “light switches” are only “light switches” if they are commonly used in a wall mounting box. Rule R92-N, however, uses the language “common household light switches”; which can have a much broader interpretation. Given the discrepancy in specificity between R92 and the Q&A statements, we defer to the manual. Therefore, “light switches” permitted on the MINIBOT are not confined to those used in wall mounting boxes; anything sold as a “light switch” for household use is allowed. The Q&A answers will be revised.

Section 5 – The Tournament & The Kit of Parts

No changes