

Team Update 08

GENERAL

Control System Update

[An update to the NI FRC Game Tools \(version 2022 f1\) has been posted.](#) This update includes the 2022_v4.0 image which corrects issues with Analog Devices gyros and addressable LEDs as well as fixes to a few bugs reported in the LabVIEW libraries. R701 and the [Inspection checklists](#) now reflect this requirement.

An update to [WPILib C++\Java \(version 2022.3.1\) has been posted.](#) This update supports use with (and only works with) the 2022_v4.0 roboRIO image as well as a few other minor bugfixes.

Remote Judging Plans

The [list of events that have opted for remote interviews](#) has been updated to include the [SBPLI Long Island Regional #1](#) and [SBPLI Long Island Regional #2](#).

Rookie Award Eligibility

The Rookie Award descriptions on the [Team Attributes Awards page](#) have been updated to clarify that both 2021 & 2022 Rookies are eligible for Rookie Awards.

SECTION 9.5 MOTORS & ACTUATORS

R501 *Allowable motors. The only motors and actuators permitted include the following (in any quantity):

Table 9-1 Motor allowances

Motor Name	Part Numbers Available
Electrical solenoid actuators, no greater than 1 in. (nominal) stroke and rated electrical input power no greater than 10 watts (W) continuous duty at 12 volts (VDC) (if qualifying actuator is then used at 24V, it must be approved by the manufacturer for use at 24V)	

SECTION 9.7 CONTROL, COMMAND & SIGNALS SYSTEMS

R701 *Control the ROBOT with a roboRIO. ROBOTS must be controlled via 1 programmable NI roboRIO or roboRIO 2.0 (P/N am3000 or am3000a, both versions referred to throughout this manual as “roboRIO”), with image version 2022_v3.0 **2022_v4.0** or later.