

Team Update 11

General

Playoff Communication Document

The [Playoff Communication Document](#) and [Championship Playoff Communication Document](#) have been posted to the [Game and Season Page](#).

Game Manual

7.2 Conduct

G210 *Don't expect to gain by doing others harm.

This rule requires an intentional act with limited or no opportunity for the team being acted on to avoid the penalty such as:

- C. forcing an opponent ROBOT to have greater than MOMENTARY CONTROL of more than 1 of each SCORING ELEMENT and violate G409.

8.7 Control, Command & Signals System

R710 *Only specified modifications to control system devices permitted. The Driver Station Software, roboRIO, PDP/PDP2.0/PDH, PCM(s)/PH(s), VRM(s)/RPM(s), RSL, 120A breaker, motor controllers, MXP devices used to control actuators per [R713-C](#), relay modules ([per R504-B](#)), wireless bridge, PDP/PDP2.0/PDH breakers and fuses, Servo Power Module, **Servo Hub, Kraken Powerpole adapter boards**, and batteries shall not be tampered with, modified, or adjusted in any way (tampering includes drilling, cutting, machining, rewiring, disassembling, painting, etc.), with the following exceptions:

A. ...

R712 *Control PWM controllers from the roboRIO. Every relay module ([per R504-B](#)), **servo, Servo Power Module controller**, and PWM motor controller shall be connected to a corresponding port (relays to Relay ports, **servos controllers** and PWM controllers to PWM ports) on the roboRIO (either directly or through a WCP Spartan Sensor Board) or via a legal MXP connection ([per R713](#)). They shall not be controlled by signals from any other source, with the exception of the Nidec Dynamo motor controller which must also be connected to the roboRIO Digital I/O.

R715 *Control PCM, PH(S) and Servo Hub from roboRIO. Each PCM, **PH, and Servo Hub** must be controlled with signal inputs sourced from the roboRIO and passed via a CAN bus connection from the built-in CAN on the roboRIO (either directly or daisy-chained via another CAN bus device).

12.1 Regional Events

If there is a tie in the **season event** point total between teams, the higher ranked team will be determined using the following additional sorting criteria: ...