

FIRST® Robotics Challenge - Week 6

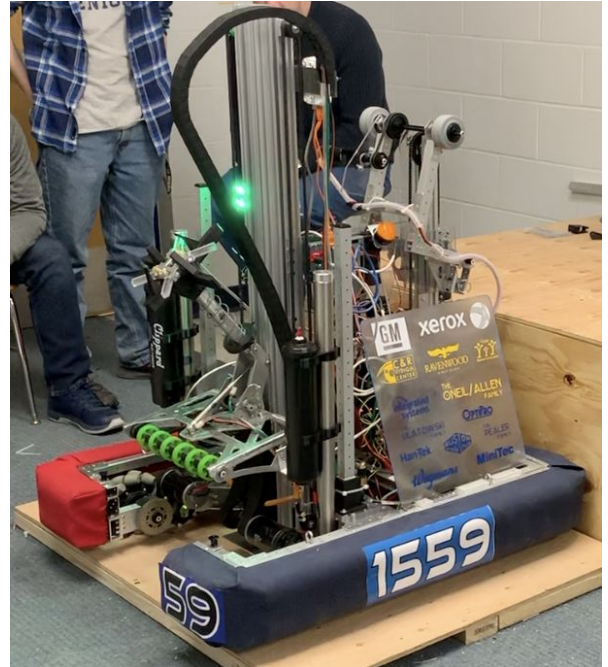


Bag and Tag day arrived on February 19th and we are very proud to say that we were able to bag a fully functional robot, ahead of the 11:59 pm EST deadline! Space Force 1 will be our competition robot this season and Moon Pie will be the robot our team uses to practice and prepare for competitions at our practice field.

At the time of bag and tag, our robot could successfully climb to Hab level 3, pick up and place Hatches and Cargo and drive autonomously using cameras.

We are currently working on revising and improving a few of our subsystems on Moon Pie:

- **Stepper:** We are working on adding feet to the bottom of the chassis to help stabilize the robot when climbing to Hab level 3.
- **Software:** We are working on subsystem code as well as perfecting the camera tracking code.



The Scouting & Strategy team is working out a game strategy for competition. They are also finishing a scouting app to be used on student's mobile devices during competition.

The Operations Team has ordered mission patches this season for team members as well as to give to alliance partners at competition. Operations is also in full button making mode, gearing up for our first competition at RIT on March 15 - 16.



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-GIANLUCA MAMMANO