

March 15, 2011

TEAM UPDATE #18

GENERAL NOTICES

Notes going into Week 3 Regionals:

During the Week 1 competitions, we learned that we had erratic sensitivity issues with the sensors in the TOWER TARGETS, so, we reverted to manual scoring of the race. After Week 1, the sensitivity issue was examined and a change to the sensing method was implemented. Week 2 results indicated that this change was successful. The TARGET still looks and functions the same to the MINIBOTS, with the only change being the sensing methods between the plates. No changes were made to the physical aspects of the TARGET which are interacted with by the MINIBOTS. So moving forward, we will be relying on the automated scoring of the MINIBOT RACE.

As a number of teams were surprised by the bolts that exist on the Sensor Plate Assembly, we wish to point out that the MINIBOT must move the Bottom Plate in order to TRIGGER the TARGET. Note that the bolts do not move with the plate (it has always been this way, ever since Kickoff); for dimensional specifics, please reference pages 37, 38 and 69 of the Game Field Elements drawings found under the Field Drawings link on the competition manual webpage. Also note, per section 2.2.5, approximately 2-4 Newtons of force is required to TRIGGER the TARGET.

Good Luck to Week 3 teams!

Section 1 – Introduction through The Kit of Parts

No changes.