

# Team Update 11

## MANUAL

### SECTION 5.3

Table 5-1 DESTINATION: DEEP SPACE scoring opportunities

Award	Awarded for...	Value
HAB Climb Bonus: Level 1	each ROBOT which has climbed the <b>their</b> HAB PLATFORM (value corresponds to the Level to which the ROBOT has climbed). A ROBOT that hasn't fully crossed their HAB LINE to leave their HAB ZONE at any point during the MATCH isn't eligible.	3
HAB Climb Bonus: Level 2		6
HAB Climb Bonus: Level 3		12

### SECTION 10.4

- R17.** All ROBOT elements (including items intended for use during the competition in alternative configurations of the ROBOT), with the exception of the WITHHOLDING ALLOWANCE per R23, **BUMPERS exceptions listed in R15**, and COTS items, must be bagged and sealed, by 04:59 UTC on Stop Build Day, Wednesday, February 20, 2019.

### SECTION 10.6

- R37.** <sup>2</sup> A CUSTOM CIRCUIT is any electrical COMPONENT of the ROBOT other than motors, pneumatic solenoids, roboRIO, PDP, PCM, VRM, RSL, 120A breaker, motor controllers, relay modules (per R36-B), wireless bridge, **electrical solenoid actuators**, or batteries.

### SECTION 10.8

- R73.** The DRIVER Station software, roboRIO, Power Distribution Panel, Pneumatics Control Modules, Voltage Regulator Modules, RSL, 120A breaker, motor controllers, relay modules (per ~~R35-B~~ **R36-B**), Wireless Bridge, 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: ...

### SECTION 10.10

- R98.** The OPERATOR CONSOLE must not
- A.** be longer than 60 in. (~152 cm)
  - B.** be deeper than 14 in. (~35 cm) (excluding any items that are held or worn by the DRIVERS during the MATCH)
  - C.** extend more than 6 ft. 6 in. (~198 cm) above the floor
  - D.** attach to the FIELD (except as permitted by ~~G49~~ **G15**)

There is a 54 in. (~137 cm) long by 2 in. (nominal) wide strip of hook-and-loop tape ("loop" side) along the center of the PLAYER STATION support shelf that should be used to secure the OPERATOR CONSOLE to the shelf, per G15. See the [PLAYER STATION](#) section for details.

Please note that while there is no hard weight limit, OPERATOR CONSOLES that weigh more than 30 lbs. (~13 kg.) will invite extra scrutiny as they are likely to present unsafe circumstances.

### SECTION 13

Term	Definition
<b>CUSTOM CIRCUIT</b>	any electrical COMPONENT of the ROBOT other than motors, pneumatic solenoids, roboRIO, PDP, PCM, VRM, RSL, 120A breaker, motor controllers, relay modules (per R36-B), wireless bridge, <b>electrical solenoid actuators</b> , or batteries

