

Referee Cheat Sheet - 2005 FIRST Robotics Competition		HP = Human Player		
	Flags	Disable	DQ	Rule #
ANYTIME FOULS				
Safety hazards (discretion of Head Ref)		X		S01
AUTONOMOUS ONLY FOULS				
HP leaves mat during the autonomous period.	30 pts			G29
HP touches a tetra during the autonomous period.	10 pts			G07
Coach or Driver crosses starting line during autonomous mode	10 pts			G06
HUMAN PLAYER FOULS				
HP feet do not remain in contact with loading box while loading a tetra.	10 pts			G27
HP loads tetra on robot not touching loading zone .	10 pts			G13
HP places tetra touching carpet inside the field border	10 pts			G13
HP touches a robot		X		S07
HP throws tetra.		X	X	G23
HP interacts with robot from another team (even if on the same alliance)		Disable 2 robots		S08
HP activates pressure pad not assigned to them.		X	X	S10
HP reaches onto the field other than to load a tetra		X		S06
HP touches other than outside edge of the field.		X		S06
TEAM ZONE FOULS				
Player or coach leaves team zone	10 pts	serious	serious	G06
Coach touches controls		X	X	G22
No team members show for match			X	
ROBOT FOULS - LOADING STATIONS				
Robot interferes with opponent's robot while the robot is touching the loading zone AND the robot is in the process of getting a tetra.	30 pts			G15
Robot removes opposing alliances tetra from loading platform.	10 pts			G28
Robot impedes HP placement of a Tetra		X	X	S05
Robot impedes Field Attendant placement of Tetra on loading structure		X	X	S05
Robot touches auto-loading station tetra before it's in the loading zone.	10 pts			G14
Robot occupies more than one loading zone at a time.	10 pts			G16
ROBOT FOULS - ACTION				
Robot pinning for > 10 seconds (needs to back up 3 feet)	10 pts			G21
Robot intentional tipping over a robot / ramming / unreasonable rough play	10 pts		X - DQ tourney	G25
Robot entangles another bot routinely - (HR enforced)			X	G26
Robot out of bounds applies force to out of bounds to rejoin play		Reg Play X		S02 & S03
Robot intentionally detachs parts.	10 pts			G24
Robot detachs parts that prevent additional stacking of tetras.			X	G24
Robot throws tetra.		X	X	G23
ROBOT FOULS - FIELD				
Robot damages playing field		X	If repeat	S09
Robot extends under, lifts up or tips over a goal .	1st time warning.	Disregard Warning		G20
Robot exceeds volume - 28 x 38 x 60 - not including free tetra (HR enforced)			remove from match	G01/ G04
Scoring Points				
Contained Tetra		1		
Stacked Tetra		3		
All 3 robots in their end zone		10		
3 owned goals in a row		10		
If goal is tipped over then the opposite team owns that goal				G18
If a robot removes a seated tetra from stacked ones, then the goal is owned by the opposing team, and all opponent tetras removed scored at 3 pts				G20
Original document - Jan Spurlin				
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Revised to fix starting volume - B. Ambrogi 3/10/05				
Revised to sort & change to active tense - A. Browne 3/16/05				