				Other	Foul	Tech	Disable	Yellow	Red	Code	Explanation		
R	ef	Q101	1 STUDENT, 1 HEAD REFEREE	WBA						2	If not MATCH-ready with		
		G101	HUMANS, stay off the FIELD until green.	VW				SE		2min	minutes of warning or not a good faith effort	makıı	ıg
ona	əty	G102	Never step over the guardrail	VW				SE		S3F2	Simultaneous control of 3 N		S;
Personal	Safety	G103	HUMANS, be careful what you interact with	VW				SE			frequent control of 2 NC For every additional 5 seco		ín
₫.		G104	Don't enable your ROBOT while you are on the FIELD	VW				SE		5sec	which the situation is not co		
		G201	Be a good person	VW				SE		15sec	For egregious pinning (more	than	15
		G202	Don't bang on the glass	VW				SE		All	seconds) For entire Alliance		$\dashv$
		G203	Don't ask other teams to throw a MATCH	VW				SE		ASM	If after start of the MAT	СН	
		G204	Don't be coerced into throwing a MATCH	VW				SE		С	If greater than <b>C</b> ONTINUO	US (1	0
		G205	Don't throw your own MATCH	VW				SE		DM	seconds)  If during MATCH		_
\$0 information	anc	G206	Don't collude with opponents to violate rules to earn RPs	IMERP				✓		DQ	Disqualified		$\dashv$
	5	G207	Don't abuse ARENA access					✓		Egr	If <b>egr</b> egious		-
	,	G208	Show up to your MATCHES	DQ						Exc	If excessive		
		G209	Enter only 1 ROBOT	VW						FDL	If <b>f</b> urther <b>d</b> amage <b>l</b> ike		
		G210	ROBOTS cannot intentionally detach or leave parts in the FIELD						✓	HRDRI	Head referee discretion for inspection	or <b>r</b> e-	
		G211	No forcing opponent to violate rules	NP	<b>√</b> , R	R				INTERR	ALLIANCE ineligible for MELO	<b>VI</b> ELODY an	
		G212	Egregious or exceptional violations					✓ 0	r ✓	IMERP	ENSEMBLE RPs		
	Ж	G301	Be prompt	VW		SSP	2min			М	If greater than <b>M</b> OMENT (3 seconds)	ARY	
Pre-	АТСН	G302	You can't bring/use anything you want	WSUSC				DM		NP	No penalty assessed to o	ther	-
	Š	G303	ROBOTS must be in starting configuration	WSUSC			NQ		URAMWRT		ALLIANCE		
		G401	HUMANS behind the starting lines during AUTO		✓					NPID	No penalty if damaged by op		ent
		G402	Don't touch controls except E-STOP/A-STOP during AUTO		<b>&gt;</b>			<b>*</b>		NQ	If not a quick remedy  Opponent awarded ENSEME		P if
	9	G403	Only 1 NOTE at a time during AUTO			PGP				OERPQM	during Qualification MA		
	ΑŪ	G404	ROBOT outside of their ALLIANCE WING may not cause NOTE to travel into or through their WING, if not in contact with ROBOT			✓				PGP PM	Per GAME PIECE  If prior to MATCH		_
		0405	Don't touch opponent ROBOT or NOTES across CENTER LINE			<b>√</b>				R	If <b>R</b> EPEATED		=
		G405	during AUTO			•				SA	If impedes or enables scorin	g act	ion
	S	G406	ROBOTS can't use GAME PIECES to ease or amplify challenge			PGP				SE	If subsequent violations d	uring	;
	CE	G407	ROBOTS can't intentionally eject NOTES out of FIELD			PGP				SSP	event  If subsequent violations duri	ng <b>s</b> a	me
	IE PIE	G408	ROBOTS can't eject HIGH NOTES from FIELD or enter them in AMPS, SPEAKERS, or TRAPS, or score them on MICROPHONES	SHNRIERP		PGP				33P	tournament phase Scored HIGH NOTE by ROB	вОТ о	n
	AM	G409	1 NOTE at a time during TELEOP, except in SOURCE ZONE		PGP			S3F2		SHNIERP	MICROPHONE makes ALLI		
	9	G410	Don't damage GAME PIECES (SE requirement per HRQ221)	VW		SE and R	FDL			UD	ineligible for ENSEMBLE  Upon disablement	: KP	$\dashv$
		G411	ROBOTS must be safe				✓			- 05	Uninspected ROBOT play		
		G412	Keep BUMPERS in BUMPER ZONE		✓					URAMWRT	ALLIANCE RED CARD; mod	CARD; modified	
	OT	G413	ROBOTS ≤4 ft tall; no extensions beyond 1 ft from FRAME PERIMETER (Exc SA - G212 per HRQ222; NPID per RTM6.17)	NPID	✓ (	r SA		Exc SA o	r Exc SA		without re-inspection RC playing, TEAM RED CAI		
	SOB	G414	No shooting from opponent's WING into own ALLIANCE WING		√, R	R				VW	Verbal warning	. /	_
In-MATCH	Ŀ	G415	No grabbing, grasping, attaching to, entangling with, or suspending from ARENA ELEMENTS except CHAIN and GAME PIECES			✓, R or M	FDL	R or M		WBA	Will be addressed by HR/LR MATCH won't start until sit		_
ş		G416	ROBOT can't use mechanism to reduce working length of CHAIN	HRDRI		0					corrected		
드			Stay out of other ROBOTS		✓								٩
	u	G418	No damaging opponent ROBOTS, deliberately or within FRAME PERIMETER regardless of intent	Mutually exclusive, most		√, UD		✓	UD	Award	Type/Criteria	AUTO	TELEO
	ctio	G419	Don't deliberately tip or entangle with an opponent ROBOT	punitive		√, C or UD		1	C or UD	LEAVE	Турелопиена	2	ń
	era	G420	There's a 5-count on PINS (15sec - G212 excessive violation)		✓	5sec		15sec c	r 15sec		AMP NOTE	2	1
	ınt		Don't collude with partners to shut down major parts of GAME					10300	10300		SPEAKER NOTE	5	2
	onent	G421	PLAY			√, 5sec				NOTES	(not AMPLIFIED) SPEAKER NOTE	3	
	bbc		PODIUM protection prior to last 20 sec of MATCH			<b>√</b>					(AMPLIFIED)		5
	O	G423	SOURCE/AMP ZONE protection	_		✓					PARK		1
		G424	No contact with hanging opponent from STAGE, or contact if either ROBOT in STAGE ZONE during last 20 sec	OERPQM		0					ONSTAGE (not SPOTLIT)		3
		G425	HUMANS can't leave starting zones		✓						ONSTAGE (SPOTLIT)	1	5
			COACHES and other teams: hands off the controls			✓			М	STAGE	HARMONY (two	1	$\vdash$
	IAN	G427	HUMAN players can not extend into the CHUTE		✓						ROBOTS ONSTAGE		2



G501 Leave promptly after MATCH

G429

G430

1102

T201

T301

Last updated 0424Z 25 FEB 2024 Team Update 14 HRQ Update 0929 24 FEB 2024

## **LEAVE Criteria:**

G428 HUMANS can't use GAME PIECES to ease or amplify challenge

Replayed MATCHES will start using same conditions

HIGH NOTES only entered onto FIELD during last 20 sec of MATCH by HUMAN in front of COACH LINE

ROBOTS will not drive, extend, or interact with FIELD ELEMENTS prior to Qualification MATCHES

NOTES enter FIELD only through SOURCE

Get inspected before playing MATCH

ROBOT BUMPERS must completely clear ROBOT STARTING ZONE at any point during AUTO

## PARK Criteria:

ROBOT BUMPERS partially or completely contained in their STAGE ZONE at end of MATCH and does not meet ONSTAGE criteria ROBOT

## ONSTAGE Criteria:

vw

 $\text{PM}{\rightarrow}\text{DQ}$ 

**WSUSC** 

vw

ROBOT may only be contacting:

PGP

PGP

- Truss legs via ROBOT BUMPERS
- GAME PIECES
- · CHAIN-facing vertical surfaces of core or nearest flap (with regards to CHAIN used by ONSTAGE ROBOT)
- Carpet-facing surface of their

SE

SE or Eg

**ASM**→**AII** 

- A single CHAIN (on their STAGE)
   Another ROBOT qualified for ONSTAGE points
- Another ROBOT awarded ENSEMBLE RP because of G424 infraction
- An opponent ROBOT

ı		(AMPLIFIED)		5	
ľ		PARK		1	
		ONSTAGE (not SPOTLIT)		3	
	STAGE	ONSTAGE (SPOTLIT)		5	
	5.7.GZ	HARMONY (two ROBOTS ONSTAGE via same CHAIN)		2	
		NOTE in TRAP (max 1/TRAP)		5	
Ī	FOUL	Per FOUL incurred by opponent	2 5		
Ī	TECH FOUL	Per TECH FOUL incurred by opponent			
	COOPER- TITION BONUS	COOPERTITION BUTTON on both ALLIANCES used within first 45 sec of TELEOP	1 CP		
-	MELODY	At least 18 AMP & SPEAKER NOTES (COOPERTITION BONUS reduces threshold to 15)	1 RP		
Ī	ENSEMBLE	At least 10 STAGE points and at least 2 ONSTAGE ROBOTS		1 RP	
	Tie	Equal MATCH points between ALLIANCES	1 RP		
Ī	Win	The ALLIANCE that has more MATCH points than other	2 F	RP	