Challenge Competition Scoresheet

udge Name:	Date:
Геат:	

A team's score will be totaled for the BEST COMBINED SCORE for all challenges completed within the allotted time.

For Example:

- LPV successfully leaves dock and completes Challenge #1
- LPV returns to dock (autonomously or with intervention)
- LPV has team intervention at the dock to modify code or equipment.
- LPV is deployed to complete another challenge of their choosing (Challenge #3)
- LPV completed a challenge (Challenge #3)
- LPV returns to dock (autonomously or with intervention)
- All Challenges successfully completed will be combined for total score.

1 hour will be provided to each team to attempt to complete as many challenges as possible. Teams will not be penalized for prior team's delaying the beginning of their time slot. Judges will have the final determination on "stopping the clock" during a run to make any modifications to the course that will not penalize a team.

Teams are permitted to return to the dock to modify their device or code during the competition run for no penalty.

Completion of Challenge #1 is required to record a score to competition.

If 20 minutes is attempted to complete a Challenge #1 without success, teams are permitted to continue to other tasks for an exhibition run. This exhibition run will not result in a competition score but allow teams to attempt the other challenges.

Any human intervention of remote-control intervention to complete challenge tasks may result in a deduction of points.



Water Line Validation: Is water line within or above the "Orange Band" on the LPV prior to competition run

No____(-30 pts)

1 Gate			Yes		No			6 Launch		Yes	,	No		
	Successfully Left Dock Untethered			5 pts		0 pts								
	Successfully Entered Gate			5 pts		0 pts			Object Deployed		15 pts		0 pts	
	Successfully Exited Gate			5 pts		0 pts			Object Reached Target		10 pts		0 pts	
									Object Landed in Center Section		10 pts		0 pts	
	Contact with buoy(s)	#		Х	(-)	2 pts			Object Landed on Rim		10 pts		0 pts	
						T.		Objec	ct remainded on target following landing		10 pts		0 pts	
			Yes		No					_	1			
	Tools as well about Assissance as assiste		103	10	110	0				Vac	_	Na		
	Task completed Autonomously			10 pts		0 pts				Yes	_	No	-	
Autonom	ous Navigation between Challenges	-		10 pts		0 pts			Task completed Autonomously		10 pts		0 pts	
		Щ.						Auto	nomous Navigation between Challenges		10 pts		0 pts	
2 Dodge			Yes		No									
Co	rrect Buoy Navigation (right or left)	1		10 pts		0 pts		7 Recover		Yes	i	No		
		2		10 pts		0 pts			Object Identified & Contacted		10 pts		0 pts	
		3		10 pts		0 pts			Object Tethered to LPV		10 pts		0 pts	
		4		10 pts		0 pts			Object Removed from Water		25 pts		0 pts	
		-		10 pts		Jo pts	_		Object delivered to Dock	_	20 pts		0 pts	
	Contact with home (a)			, , ,		2			Object delivered to bock	_	JZU pts		υρις	
	Contact with buoy(s)	#		Х	(-)	2 pts				_				-
										Yes	<i>i</i>	No		
	Time Bonus								Task completed Autonomously	L	10 pts		0 pts	
	Gate A-E							Auto	nomous Navigation between Challenges		10 pts		0 pts	
	Time										1		Ţ.,	
Record	Start Time "Entry"					-		8 Receive	t.	Yes	,	No	1	1
	Exit Time	-	Yes		No			- Incourse	Sensor Communicates with Base	163	20 pts	140	0 pts	
				115	No	10				\vdash				
	Fastest Time			15 pts		0 pts			Data Provided to Judges	_	10 pts		0 pts	
											\bot			
			Yes		No			8 Return		Yes	i	No		
	Task completed Autonomously			10 pts		0 pts			LPV returned to base			10 pts		0 pt
Autonom	ous Navigation between Challenges			10 pts		0 pts								
								Total Time Bonus		Yes				
Evade	l	Н-	Yes		No			Total Time Dona.	Complete a minimum of 4 challenges		1			
Evaue	LIDA C	4		145	INO				Complete a minimum of 4 chanlenges		_			
	LiDAr Sensor Evaded	_		15 pts		0 pts				_			1	
		2		15 pts		0 pts			Total Scoring Run Time				J	
													_	
	Time Bonus								Number of Challenges Completed		%			
	Gate C-D					1								
	Time							-						
Decemb		_				_							_	
	Start Time "Entry"	-									_		1	
	Exit Time		Yes	1	No				Average Per-Task Time					
	Fastest Time			15 pts		0 pts								
													_	
		П	Yes		No				Fastest Time		Yes		_	
	Task completed Autonomously			10 pts		0 pts						60 pts		
Autonom	ous Navigation between Challenges			10 pts		0 pts					_			
Autonom				10 pts		o pts			Fastes	+ Time	e No		_	
	I.	Η.	C						Fastes	· mine	110			_
Identify			Correct									1		_
	Color Specified		Yes		No									
	Purple			15 pts		0 pts			Fastest Time	v 60		Bonus		
	Orange			15 pts		0 pts			Your Time	× 60	_			
	Yellow	_		15 pts		0 pts								
	Blue			15 pts		0 pts								
	Bide			120 Pt3		5 5 65				x 60	=			
	Danday Calastin S			V	-									
	Random Selection Bonus			Yes									J	
		Su	ıccessful		25 pts									
			Yes		No				T;	ask 6-9	& Time	Bonus	Total	
	Task completed Autonomously			10 pts		0 pts						Task 1-5		
Autonom	ous Navigation between Challenges			10 pts		0 pts				-				
				To hra		opis			Human Romoto Interventian		- V		/ \E+-	
	<u> </u>	4				-			Human Remote Intervention	#	Х		(-)5 pts	
Deploy			Yes		No						-			
	Sensor Successfully Deployed			10 pts		0 pts							Total	
		Ш	7		_									
			Yes		No									
	Task completed Autonomously			10 pts		0 pts								
Autonom	ous Navigation between Challenges			10 pts		0 pts				_	_			
AULUITOITI	ous ivavigation between chanenges			TO hrs		υριδ		-		-	-			
	<u> </u>	+		_		_				-	-			
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