

CDE2310 Final Mission Scoring Sheet
“White Flag” Scoring Sheet

- Teams have the option to use this scoring sheet after the 19 Min mark. (6 mins before mission ends or depending on group strength if they are given more time).
- **The team will forfeit the main scoring sheet if this option is selected.**
- The team can start the mission by manual override controls at the maze starting point if this option is selected and will not be allowed to score any bonus objectives.

Group			
Mission Start Time			
Mission Attempt			
Scoring Item	Max Score	Team Score	Remarks
Robot leaves “White Flag”/maze start zone.	10	0	By teleoperation, hence no points awarded.
Robot able to detect the first heat source.	5		
Robot successfully fires 'flares' in 2-4-2 second delay pattern above maze walls: (1.5 pts for each ping pong ball firing with 3 successes given a total 5)	5		
Robot achieves firing of first flare sequence of up till 1.5m target: (1.5 pts for each ping pong ball firing with 3 successes given a total 5)	5		
Robot able to teleop and correctly identify second heat source.	5		
Robot successfully fires 'flares' in 2-4-2 second delay pattern. Robot achieves firing of flare sequence of up till 1.5m target (5 points each with similar breakdown as above)	10		
Successfully complete mission on first attempt. (reattempts)	10	0	Already failed previous attempts hence no pts here

Robot has sufficient battery power for entire mission (No “Low Battery” warning or “battery dead” situation)	5		
System is mechanically stable during operation (proper weight balancing)	5		
Structure and components are secured during the operation (no loose parts or dropping parts including payload or components)	5		
System is well assembled (logical sequence and no missing fasteners)	5		
Total	70		
Penalty			
Any part of the system (i.e. Robot, markers) damaged or displaces maze element. 5 points per displaced element, 50 points for damages.	Up to -100		
Mission Overtime. -5 points per minute	Up to -100		
TOTAL			

Competitive Scoring			Max Score	Team Score
Mission Complete on Time	Minutes	Seconds	30	0

TA Sign:

Team Sign: