

School Name _____ Company # _____

Judge _____ Score _____

Please note and record each bullet with a 2 for excellent, 1 for average, or 0 for below average

AREA	ATTRIBUTES	FEATURES	POSSIBLE	SCORE
GENERAL		Has the vehicle been tested and is ready for the water?	2 1 0	
		Is the vehicle built to contest safety standards? Did it pass the safety check?	2 1 0	
		Does the vehicle meet contest design and building specifications?	2 1 0	
		Is the vehicle built to accomplish the mission tasks?	2 1 0	
BALLAST & BUOYANCY		Does the company understand the concept of buoyancy?	2 1 0	
		Does the buoyancy system take stability into account?	2 1 0	
		Does the buoyancy system take the missions into account?	2 1 0	
POWER & PROPULSION	MOTORS	Are the motors waterproofed? Does the company have a motor care protocol?	2 1 0	
		Are the motors securely attached?	2 1 0	
		Are they placed so that there are no obstructions to water flow?	2 1 0	
		Are the propellers protected?	2 1 0	
	CONTROL BOX	Can the company explain how they wired their controls?	2 1 0	
		Can they explain the basic electrical circuitry?	2 1 0	
		Are the switches neatly labeled and can the company manipulate the switches easily?	2 1 0	
		Is the system operational?	2 1 0	
TETHER		Is there a strain relief at the control box?	2 1 0	
		Is there a strain relief at the ROV?	2 1 0	
		Is the tether neatly bundled? Is it protected?	2 1 0	
		Is the tether finished and attached in such a way so that it's out of the way of the vehicle as it maneuvers?	2 1 0	
		Is the tether a potential tripping hazard? Did the company develop a tether management protocol or system?	2 1 0	
ORIGINALITY & COMPANYWORK		Are there unique concepts and/or designs in the vehicle?	2 1 0	
		Are there unique or exceptional features, such as payload tools?	2 1 0	
		Does the company demonstrate a thorough understanding of the vehicle such that it's clear that the students did the work?	2 1 0	
		Can the company describe one lesson learned, be it technical, troubleshooting, or company work related?	2 1 0	
DISCRETIONARY POINTS		Recognition for a job (vehicle or presentation) well done!	2 1 0	
JUDGE INITIALS			FINAL SCORE	