

Company CEO: _____

Company Name

Product demonstration station officials: _____

Safety Check and Set-Up (up to 10 points)	Points	
Company presents safety card or signed safety inspection sheet.	0	5
Vehicle and control system present no safety hazards.	0	5
Examples: <ul style="list-style-type: none"> o All power cords, power bars, pressurized cylinders, etc. are secured. o No hazardous materials are leaking onto the pool deck. o Vehicle is hand-launched by team members in a safe manner. 		
Company is cleared for demonstration: _____ (official's initials)		
Total Safety Check and Set-Up (out of 10)		Total

Note: An official's decision to disqualify a company due to safety concerns is final. If there is a safety concern, please contact the lead safety inspector or competition coordinator.

Bonus points for size	Points	
Size bonus (up to 10 points)	0	5
ROV is less than 48 cm – 10 bonus points		10
ROV is within 48.1 cm and 60 cm – 5 bonus points		
ROV is greater than 60.1 cm – 0 bonus points		
	Judge initials:	
	CEO initials:	
		Total

Fuses: If a vehicle blows the MATE power supply in-line fuse, the company is allowed one spare. If the vehicle blows the second MATE fuse, the product demonstration performance period is over. The company will receive points for the product demonstration tasks that they have completed up to that point but will not receive a time bonus score.

Task # 1: Aircraft (up to 60 points)	Points	
Judges' Notes: Companies must complete the steps of this task in order. If they skip task 1.1, or 1.2, they can go on, but cannot return to these steps at a later time.		
1.1 10 points – using flight data to determine the search zone for the wreckage	0	10
1.2 5 points – placing a marker buoy at the wreck site	0	5
1.3 up to 20 points – removing debris from the engine		
<ul style="list-style-type: none"> o 5 points each (10 points total) – lifting two pieces of debris from the aircraft o 5 points each (10 points total) – moving two pieces of debris from the wreck area 	0	5
	0	5
1.4 up to 20 points – returning the engine to the surface side of the pool using a lift bag		
<ul style="list-style-type: none"> o 10 points – inflating the lift bag o 10 points – returning the engine to the surface, side of the pool 	0	10
	0	10
1.5 5 points – identifying the aircraft using the tail section and serial number	0	5
Total Task # 1 (out of 60)		Total

Penalty Points (deduct 5 points for each infraction)	No. of Infractions	
Tether Pulling: Company members cannot pull on the tether to assist in moving or turning the vehicle. Judges should issue a warning for the first infraction and begin deducting points AFTER the first infraction.	a	
Debris: Companies that leave debris (e.g. parts of their ROV, including weights and flotation) in the pool at the end of the product demonstration time, or leave debris that a diver must retrieve will receive penalty points. Product demonstration props are NOT considered debris. A company constructed collection basket is considered debris if it is still in the water when product demonstration time ends.	b	
Diver Assistance: Any diver assistance (if available) must be requested by the company and will result in a 5 point penalty. The clock does not stop during during diver assistance.	c	
	(total a + b + c)	Total
Total Penalty Points	X 5 =	

TIME BONUS (1 point for every minute and 0.01 point for every second under 15 minutes)	
Duration of Product Demonstration: _____	
Minutes under 15 remaining: _____ X 1 point = _____	
Seconds remaining: _____ X 0.01 point = _____	
Time bonus	Total

TOTAL PRODUCT DEMONSTRATION SCORE	Grand Total
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Official's initials: _____

Company CEO's initials: _____