



2026 MATE ROV Competition
Pushing Performance: Science, Technology, & Discovery in Harsh Environments
Non-ROV Device Safety Inspection Sheet
SCOUT

Company Number:	Class: SCOUT
Company Name:	Judge Name:

SCOUT CLASS Non-ROV Device Power Specifications SAFETY CHECK LIST. Companies must bring this check list with them to their safety inspection.

In 2026, only the vertical profiler qualifies as a non-ROV device.

	ELEC-NRD-001: Non-ROV devices is powered from the surface.
	ELEC-NRD-001: Power is limited to 12 VDC maximum and 5 amps maximum. Power comes from a surface supply. Connection to power is by red/black Anderson Powerpole connectors.
	ELEC-NRD-002: The device may not utilize cameras. Thrusters are allowed. Companies may also design a buoyancy engine to move their float.
	ELEC-NRD-003: Connection to power is by red/black Anderson Powerpole connectors. MATE will supply a 12-volt power source for the float at the mission station.

	ELEC-NRD-004: A fuse (5 amps max) must be installed within 30 cm of the battery positive terminal.
	ELEC-NRD-004: Fuse is an ATO fuse or Mini fuse.

	Propellers must be enclosed inside the frame of the float or shrouded. The propeller should not be able to touch any surface of the pool. Floats with propellers protruding outside the framework will not pass safety inspection and cannot be used.
	Float operates independently of the ROV
	The float is less than 50 centimeters in overall height. The float does not have a diameter/length/width greater than 15 cm.