

Company Name: \_\_\_\_\_

Company Number: \_\_\_\_\_

**2023 MATE ROV COMPETITION**

**Observing Our Oceans: Understanding Our World And Creating Our Future**

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

**In 2024, 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 6 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.
	ELEC-NRD-003: Connection to power is by red/black Anderson Powerpole connectors.

	ELEC-NRD-004: A fuse (7.5 amps max) must be installed within 5 cm of the battery positive terminal.
	ELEC-NRD-004: Fuse is an ATO fuse or Mini fuse.

	<ul style="list-style-type: none"><li>• 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.</li></ul>
	<ul style="list-style-type: none"><li>• Float operates independently of the ROV</li></ul>
	<ul style="list-style-type: none"><li>• The float is less than 50 centimeters in overall height. The float does not have a diameter/length/width greater than 12 cm.</li></ul>