


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>28772</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Trident Maritime Systems UK Limited</h3> <p>Issue No: 001 Issue date: 20 June 2024</p>	
	<p>Fleets Point Willis Way Poole Dorset BH15 3SS</p>	<p>Contact: Greg Hole Tel: +44 (0)7435 549207 E-Mail: tmstech.testfacility@tridentllc.com Website: https://tridentllc.com/</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Non explosive products	ENVIRONMENTAL TESTS	
Lighting equipment	Climatic Testing	
Optical projection units	Dry Heat	BS EN 60068-2-2:2007 Test B BS EN 60945:2002 Clause 8.2 MIL STD 810H Method 501.7
LCD units	Temp range: max +170°C	
Control equipment	0.9 m x 1.0 m x 1.6 m	
Metrological equipment	Low Temperature	BS EN 60068-2-1:2007 Test A BS EN 60945:2002 Clause 8.4 MIL STD 810H Method 502.7
Electronic components	Temp range: min -60°C	
Navigation equipment	0.9 m x 1.0 m x 1.6 m	
	Change of Temperature	BS EN 60068-2-14:2023 Test Na
	Temp range:-60°C to +170°C (max ramp rate 3°C/min)	
	0.9 m x 1.0 m x 1.6 m	
	Temperature with Humidity	BS EN 60068-2-30:2005 BS EN 60945:2002 Clause 8.3 MIL STD 810H Method 507.6 IEC 62368-1:2018 Clause 5.4.8
	Steady State and Cyclic	
	Temp range:-60°C to +170°C	
	Humidity Range : 15%rh to 98%rh	
	0.9 m x 1.0 m x 1.6 m	



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As listed on page 1	<p>ENVIRONMENTAL TESTS</p> <p>Ingress Protection</p> <p>Solids IP1X IP2X IP3X IP4X test wire 1.0mm Dia IP5X dust protected IP6X dust tight</p> <p>Liquids IPX1 dripping water IPX2 dripping water, tilted up to 15° IPX3 spraying water IPX4 splashing water IPX5 water jets/high velocity water IPX6 powerful water jets/ strong high velocity water IPX7 immersion (1m) / temporary immersion IPX8 immersion continuous immersion</p> <p>Mechanical Tests</p> <p>Strength Tests</p> <p>Impact Tests</p> <p>Drop Tests (Free Fall)</p> <p>Max Mass of item : 15 kg Max Drop Height : 1.3 m</p>	<p>BS EN 60529 :1992+A2 2013</p> <p>IEC 62368-1:2018 Clauses T.2, T.4 & T.5</p> <p>IEC 62368-1:2018 Clauses T.6</p> <p>IEC 62368-1:2018 Clauses T.7</p>
END		