Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



28772

Accredited to ISO/IEC 17025:2017

Trident Maritime Systems UK Limited

Issue No: 003 Issue date: 22 April 2025

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BH15 3SS Website: https://tridentllc.com/

Testing performed at the above address only

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
LCD units	Temp range: max +170°C	BS EN 60945:2002 Clause 8.2 MIL STD 810H Method 501.7
Control equipment	0.9 m x 1.0 m x 1.6 m	
Metrological equipment	Low Temperature	DS EN 60069 2 1:2007 Toot A
Electronic components	·	BS EN 60068-2-1:2007 Test A BS EN 60945:2002 Clause 8.4 MIL STD 810H Method 502.7
Navigation equipment	Temp range: min -60°C	
	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 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	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

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Trident Maritime Systems Limited

Issue No: 003 Issue date: 22 April 2025

Testing performed at main address only

Materials/Products tested	Type of test/Properties	Standard specifications/
	measured/Range of measurement	Equipment/Techniques used
As listed on page 1	ENVIRONMENTAL TESTS	
	Ingress Protection	BS EN 60529 :1992+A2 2013
	Solids IP1X IP2X IP3X IP4X test wire 1.0mm Dia IP5X dust protected IP6X dust tight 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	
	Mechanical Tests	
	Strength Tests	IEC 62368-1: 2024+A11:2024 Clauses T.2, T.4 &T.5 IEC 62368-1:2018 Clauses T.2, T.4 &T.5
	Impact Tests	IEC 62368-1: 2024+A11:2024 Clause T.6 IEC 62368-1:2018 Clause T.6
	Drop Tests (Free Fall)	IEC 62368-1: 2024+A11:2024 Clause T.7
	Max Mass of item: 15 kg Max Drop Height: 1.3 m	IEC 62368-1:2018 Clause T.7
END		

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