


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p><b>5387</b></p> <p>Accredited to ISO/IEC 17025:2017</p>	<p><b>BAE Systems Marine Limited</b></p> <p><b>Issue No: 004      Issue date: 13 October 2025</b></p>	
	<p><b>Building B30</b> <b>Barrow-in-Furness</b> <b>Cumbria</b> <b>LA14 1AF</b></p>	<p><b>Contact: Mr Peter Dixon</b> <b>Tel: +44 (0)1229 903086</b> <b>E-Mail: peter.dixon2@baesystems.com</b> <b>Website: www.baesystems.com</b></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>Computer and Peripherals Defence Electronics Electrical Cables Electrical/Electronic Components Electrical/Electronic Connectors Electrical/Electronic Products Electrical Pumps and flow meters Electro-mechanical Devices Enclosures for Electrical Equipment Engine Components Fans Gas Detectors: Electronic Generators: Electrical Instruments - Indicating, Recording Luminaires Magnetic Materials Marine Equipment Measuring Equipment Microelectronic Circuits and Components Motors and generators Electrical Office Equipment, Electrical Sonar Equipment Switchboards: Electrical Telecommunication Equipment</p>	<p><b>1 MILITARY EMC TESTING</b></p> <p><b>Conducted Emissions</b></p> <p>1.1 Conducted Emissions Primary Power Lines Control, Signal Lines and Secondary Power Lines 20 Hz to 150 MHz</p> <p>1.2 Exported Transients Primary Power Lines</p> <p><b>Radiated Emissions</b></p> <p>1.3 Radiated Emissions Electric (E) Field 10 kHz to 1 GHz</p> <p>1.4 Radiated Emissions Magnetic (H) Field 20 Hz to 250 kHz</p> <p><b>Conducted Susceptibility</b></p> <p>1.5 Conducted Susceptibility, Primary Power Lines 20 Hz to 50 kHz</p> <p>1.6 Conducted Susceptibility, Control, Signal and Power Lines 50 kHz to 400 MHz</p>	<p>DEF STAN 59-411 Part 3, Issue 3: 2019 DCE01.B, DCE02.B</p> <p>DEF STAN 59-411 Part 3, Issue 3: 2019 DCE03.B</p> <p>DEF STAN 59-411 Part 3, Issue 3: 2019 DRE01.B</p> <p>DEF STAN 59-411 Part 3, Issue 3: 2019 DRE02.B</p> <p>DEF STAN 59-411 Part 3, Issue 3: 2019 DCS01.B</p> <p>DEF STAN 59-411 Part 3, Issue 3: 2019 DCS02.B</p>



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As listed on page 1	1.7 Conducted Susceptibility, Control and Signal Lines 20 Hz to 50 kHz	DEF STAN 59-411 Part 3, Issue 3: 2019 DCS03.B	
	1.8 Externally Generated Transients (Sea Services)	DEF STAN 59-411 Part 3, Issue 3: 2019 DCS05.B	
	1.9 Imported Long Transient) Susceptibility AC and DC Systems (Sea Services)	DEF STAN 59-411 Part 3, Issue 3: 2019 DCS06.B	
	1.10 Electro Static Discharge (ESD)	DEF STAN 59-411 Part 3, Issue 3: 2019 DCS10.B	
	1.11 Imported Low Frequency Transient Susceptibility Power Lines (Sea Services)	DEF STAN 59-411 Part 3, Issue 3: 2019 DCS12.B	
	<b>Radiated Susceptibility</b>		
	1.12 Radiated Susceptibility Magnetic (H) Field 20 Hz to 100 kHz	DEF STAN 59-411 Part 3, Issue 3: 2019 DRS01.B	
	1.13 Radiated Susceptibility Electric (E) Field 150 kHz to 8 GHz (Sea Systems – Below Deck).	DEF STAN 59-411 Part 3, Issue 3: 2019 DRS02.B	
	1.14 Radiated Susceptibility Magnetic Field (DC) Max. dimension of EUT: 1 m <sup>3</sup> Max. field: 4800 A/m	DEF STAN 59-411 Part 3, Issue 3: 2019 DRS03.B	



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As listed on page 1	<p><b>FACILITIES FOR EMC TESTING</b></p> <p>General 2 electromagnetically screened rooms</p> <p>Fully anechoic chamber: length 5.3 m x width 6.5 m x height 3.4 m. Door size: 2.5 m wide x 2.5 m height Fully lined (ferrite and absorber) screened enclosure</p> <p>Semi anechoic chamber: length 4.0 m x width 4.9 m x height 3.4 m Semi lined (ferrite and absorber (walls and ceiling)) screened enclosure</p> <p>Two external ground planes</p> <p>All rooms are temperature and humidity controlled</p> <p>Power supplies include: 440 V, 60 Hz 415 V, 50 Hz 115 V, 60 Hz 230 V, 60 Hz 240 V, 50 Hz 24 V, 100 A, DC Other voltages available</p>	
END		