



Marine Equipment Directive Module D Quality System Certificate

This is to certify that TÜV SÜD DANMARK ApS did undertake the relevant assessment procedures for the quality system under the control of the manufacturer for the equipment identified in the Annex to this Certificate which was found to be in compliance with the Marine Equipment Directive (2014/90/EU) requirements under the following Implementing Regulation. Compliance was demonstrated by assessment to the Marine Equipment Directive 2014/90/EU Annex II, part II (Module D: Conformity to Type Based on Quality Assurance of the Production Process).

Implementing Regulation

(EU)2021/1158

Certificate Holder and

Kelvin Hughes Ltd

Manufacturer

Voltage

Mollison Avenue

Enfield

Middlesex

United Kingdom, EN3 7XQ

EC Representative

Kelvin Hughes (Nederland) B.V.

Klompenmakerstraat 64 Hoogvliet-Rotterdam

3194 DE

The Netherlands

Facility

As Certificate Holder

Product Sector

Navigation Equipment

Valid from: 01 December 2021

Expiry Date: 02 December 2024

This certificate has been issued in accordance with the TÜV SÜD Testing and Certification Regulations and constitutes page 1 of the combined Certificate and Annex. The Conditions for the validity of this certificate are listed in the Annex. For further details, related to this certification please contact BABT@tuvsud.com



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Issued by TÜV SÜD DANMARK ApS under document number: DK-MED005719-H1 Issue 09

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Annex to Marine Equipment Directive Module D Quality System Certificate



1 Details of the Productions Facilities (Fabricators)

1.1 Names and Addresses

Facility No. 5719

Name: Kelvin Hughes Ltd

Address: Voltage

Mollison Avenue

Enfield Middlesex

United Kingdom, EN3 7XQ

1.2 Product Sectors Covered:

Navigation Equipment

2 Module B Type Examination Certificate Information

Item No MED/4.30 Electronic Chart Display and Information System (ECDIS) Equipment

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
ECDIS Navigation System (ZM-2300)	(EU)2021/1158	DK-MED000112	2026-08-26	2443
	USCG	165.123/EC2443/DK-MED000112		

Item No MED/4.34 RADAR Equipment CAT 1

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000103	2026-08-26	2443
	USCG	165.120/EC2443/DK-MED000103		03

Item No MED/4.35 Radar Equipment CAT 2

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000111	2026-08-26	2443
	USCG	165.111/EC2443/DK-MED000111		

Item No MED/4.37 RADAR Equipment for High Speed Craft Applications (CAT 1H & CAT 2H)

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000103	2026-08-26	2443
	USCG	165.216/EC24	C2443/DK-MED000103	
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000111	2026-08-26	2443
	USCG	165.217/EC24	443/DK-MED000111	

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Item No MED/4.38 RADAR Equipment with Chart Option

Product	Implementing Regulation	Module B Certificate no.	Expiry Date	NB Number	
Item No MED/4.38(a) CAT1C and MED/4.38(c) CAT1HC					
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000103	2026-08-26	2443	
Item No MED/4.38(b) CAT2C and MED/4.38(d) CAT2HC					
S & X Band Radar Navigation System	(EU)2021/1158	DK-MED000111	2026-08-26	2443	

3 U.S. Coast Guard Number

If applicable, this manufacturer can affix the U.S. Coast Guard approval number as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", Decision No. 1/2018 signed February 18th, 2019.

4 Conditions of Validity

The reference to Module B certificates relate to the issue of certificate valid at the time of issue. Any later issue(s) are also valid within the validity dates of this Module D certificate.

This certificate authorises the manufacturer (or his authorised representative established within the EU community) to affix the "Mark of Conformity" (Wheel Mark), in conjunction with an EC Type Examination (Module B) certificate appropriate, to one of the item designation types listed above.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system which have not been notified to and agreed with TÜV SÜD DANMARK ApS.

The manufacturer must immediately cease affixing the "Mark of Conformity" on any product subject to suspension, termination, expiry, withdrawal or revocation of the supporting EC Type Examination (Module B) Certificate.

Signature:

(Thomas J. Twynam)

J. J. Tuynan

On behalf of TÜV SÜD DANMARK ApS

Date:

2021-12-09