



DECLARATION OF CONFORMITY

According to UK legislation

Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101)

Electro Magnetic Compatibility Regulations 2016 (S.I. 2016/1091)

Restriction of the Use of Certain Hazardous Substances Regulations 2012 (S.I. 2012/3032)

We: DEIF A/S
Frisenborgvej 33
7800 Skive
Denmark

Do hereby declare on our own responsibility that the below products:

Designation: **Marine flexible Display Indicators**

Type: **XDi 96, XDi 144, XDi 192**
XDi-N 96, XDi-N 144, Xdi-N 192
Rudder Angle Indicator, RPM Indicator, Pitch Indicator, Azimuth Indicator, Rate of Turn
Extension module AX1, DX1, NX1, NX2

Which are covered by this declaration, all conform to the following standards:

LVD: EN 61010-1:2010+A1:2019+A1:2019/AC:2019-04 - Safety requirements for electrical equipment for measurement, control and laboratory use
EN 60529:1991+A1:2000+A2:2013+AC:1993+AC:2016-12+A2:2013/AC:2019-02
- Degrees of protection provided by enclosures (IP code)

EMC: EN 61000-6-1:2007 - Immunity for residential, commercial and light-industrial environments
EN 61000-6-2:2005+AC:2005 - Immunity for industrial environments
EN 61000-6-3:2007+A1:2011+A1:2011/AC:2012 - Emission for residential, commercial and light-industrial environments
EN 61000-6-4:2007+A1:2011 - Emission for industrial environments

RoHS: EN IEC 63000:2018 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances



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According to
MSN 1874 (M+F) Amendment 9,
item No. UK/4.9, UK/4.20., UK/4.21., UK/4.22. SOLAS 74 as amended
Regulations V/18, V/19 & X/3

MER:	Type examination	Module B
	Quality system	Module D
	IEC/EN 60945	2002 Marine navigation and radio communication equipment and systems.
	+COR. 1	2008
	IEC/EN 61162-3	2008 Marine navigation and radio communication equipment and systems – Digital interface. Serial data instrument network.
	+A1	2010
	+A2	2014
	IEC/EN 62288	2021 Maritime navigation equipment. Presentation of information on displays.
	IMO res.A.694(17)	
	IMO res.MSC.191(79)	
	Rudder angle indicator:	
	ISO 20673	2022 Ships and marine technology. Electric rudder angle indicators.
	IMO res.A.526(13)	
	RPM indicator:	
	ISO 22554	2015 Ships and marine technology – Propeller shaft revolution indicators electric type.
	Pitch indicator:	
	ISO 22555	2022 Ships and marine technology – Propeller pitch indicators.
	Rate of turn indicator:	
	ISO 20672	2022 Ships and marine technology – Rate of turn indicators.
	IMO res.A.526(13)	
	Rudder angle indicator/RPM indicator/Pitch indicator/Rate of turn indicator:	
	IMO res.MSC.302(87)	ADOPTION OF PERFORMANCE STANDARDS FOR BRIDGE ALERT MANAGEMENT
	IMO res.MSC.36(63)	(1994 HSC code) 13
	IMO res.MSC.97(73)	(2000 HSC code) 13
	XDi dual and multi indication:	
	Appendix A.2/4.15	Integrated navigation system.
	IMO res.MCS.86(70)	
	Appendix A2/4.30	Integrated bridge system.
	IMO SN.1/Circ.288	
	Approved body	0097 (DNV)
	Certificate number	RAI: MERB00003AN rev. 1 exp. 26.11.2029
		RPM: MERB00003AR rev. 1 exp. 26.11.2029
		Pitch: MERB00003AS rev. 1 exp. 26.11.2029
		ROT: MERB00003AT rev. 1 exp. 26.11.2029
		Modul D: MERD00001AE rev.1 exp. 26.11.2029

The technical documentation for this equipment is retained at the following address:
DEIF A/S, Frisenborgvej 33, 7800 Skive, Denmark.

DEIF A/S
Skive, Denmark - November 26, 2024

On behalf of DEIF A/S management
Jesper Flyvholm
Certification Manager

