



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: **Illuminated instruments**

Type: **XL72, XL96, XL144, XL192
BW144, BW192, BRW-2
For indicating:
Rudder Angle, RPM, Pitch, Azimuth or Rate of Turn**

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

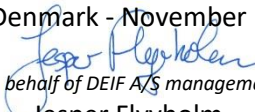


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According to
MSN 1874 (M+F) Amendment 6,
item No. UK/4.9, UK/4.20., UK/4.21., UK/4.22. SOLAS 74 as amended
Regulations V/18, V/19 & X/3

MER:	Type examination	Module B
	Quality system	Module D
IEC/EN 60945 +COR.1	2002 2008	Marine navigation and radio communication equipment and systems.
IEC/EN 61162-3 +A1 +A2 IMO res.A.694(17) IMO res.MSC.191(79)	2008 2010 2014	Marine navigation and radio communication equipment and systems – Digital interface. Serial data instrument network.
Rudder angle indicator: ISO 20673 IMO res.A.526(13) RPM indicator: ISO 22554	2007 2015	Ships and marine technology. Electric rudder angle indicators. Ships and marine technology – Propeller shaft revolution indicators electric type.
Pitch indicator: ISO 22555	2007	Ships and marine technology – Propeller pitch indicators.
Rate of turn indicator: ISO 20672 +COR. 1	2007 2008	Ships and marine technology – Rate of turn indicators.
Rudder angle indicator/RPM indicator/Pitch indicator/Rate of turn indicator: IMO res.MSC.302(87) ADOPTION OF PERFORMANCE STANDARDS FOR BRIDGE ALERT MANAGEMEN		
IMO res.MSC.36(63) IMO res.MSC.97(73)	(1994 HSC code) 13 (2000 HSC code) 13	
Approved body	0097 (DNV)	
Certificate number	RAI: MERB00003AN rev. 0	exp. 22.03.2025
	RPM: MERB00003AR rev. 0	exp. 22.03.2025
	Pitch: MERB00003AS rev. 0	exp. 22.03.2025
	ROT: MERB00003AT rev. 0	exp. 22.03.2025
	Modul D: MERD00001AE rev.0	exp. 26.11.2024

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 1, 2022

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

