DECLARATION OF CONFORMITY

According to
Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU and 2015/863 "RoHS 3"

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 66010-1:2010 - Safety requirements for electrical equipment for measurement, control and laboratory use

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

RoHS: EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restrictions of hazardous substances

Ref: 2020-04-30 JFL

Approved by: SM
Doc. No. 4910290020 Rev. M
DECLARATION OF CONFORMITY

According to
Marine Equipment Directive 2014/90/EU

MED: Type examination  Module B
Quality system  Module D

IEC/EN 60945  2002  Marine navigation and radio communication equipment and systems.
+COR.1  2008

+A1  2010
+A2  2014

IMO res.A.694(17)
IMO res.MSC.191(79)

Rudder angle indicator:
IMO res.A.526(13)
RPM indicator:
ISO 22554  2015  Ships and marine technology – Propeller shaft revolution indicators electric type.

Pitch indicator:
Rate of turn indicator:
ISO 20672  2007  Ships and marine technology – Rate of turn indicators.
+COR. 1  2008

Rudder angle indicator/RPM indicator/Pitch indicator/Rate of turn indicator:

IMO res.MSC.36(63)  (1994 HSC code) 13
IMO res.MSC.97(73)  (2000 HSC code) 13

Notified body  0098
Certificate number  RAI: MEDB00003AN rev. 1  exp. 22.03.2025
RPM: MEDB00003AR rev. 1  exp. 22.03.2025
Pitch: MEDB00003AS rev. 1  exp. 22.03.2025
ROT: MEDB00003AT rev. 1  exp. 22.03.2025
Modul D:MEDD000001AE rev.2  exp. 26.11.2024

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

According to

April 30, 2020

DEIF A/S

Søren Madsen
Product Approval Manager

Ref: 2020-04-30 JFL

Approved by: SM

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