



# DECLARATION OF CONFORMITY

According to  
Low Voltage Directive 2014/35/EU  
EMC Directive 2014/30/EU  
RoHS Directive 2011/65/EU

We: DEIF A/S  
Frisenborgvej 33  
7800 Skive  
Denmark

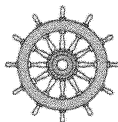
Do hereby declare on our own responsibility that the below products:

Designation: **Marine instruments – Rudder angle indicator, panorama instrument.**  
Type: TRI-2 CAN  
TRI-2

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

LVD:	EN 61010-1	2010	Safety requirements for electrical equipment for measurement, control and laboratory use.
	EN 60529+A1 +A2	2002 2013	Degrees of protection provided by enclosures (IP-code).
	EN 60051-1	1998	Direct acting indicating analogue electrical measuring instruments and their accessories.
EMC:	EN 61000-6-1	2007	Immunity for residential, commercial and light-industrial environments.
	EN 61000-6-2	2005	Immunity industrial environments.
	EN 61000-6-3	2007	Emission for residential, commercial and light-industrial environments.
	EN 61000-6-4	2007	Emission for industrial environments.
RoHS:	EN 50581	2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.





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According to  
**Marine Equipment Directive 2014/90/EU**  
(Include amendment 98/95/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2013/52/EU, 2017/306/EU)

MED: 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 62288 IMO res.A.694(17)	2014	Maritime navigation equipment – Presentation of information on displays	
ISO 20673	2007	Ships and marine technology. Electric rudder angle indicators.	
ISO 22554	2015	Ships and marine technology – Propeller shaft revolution indicators electric type.	
ISO 22555	2007	Ships and marine technology – Propeller pitch indicators.	
ISO 20672	2007	Ships and marine technology – Rate of turn indicators.	
+COR. 1	2008		
IEC/EN 61162-1	2010	Maritime navigation and radio communication equipment and systems.	
IEC/EN 61162-2	1998	Digital interfaces.	
IMO res.A.526(13)		Rate of turn, Rudder angle indicator.	
Notified body	0098		
Certificate number	RAI: MEDB00003AN	exp.	16.04.2020
	RPM: MEDB00003AR	exp.	16.04.2020
	Pitch: MEDB00003AS	exp.	16.04.2020
	ROT: MEDB00003AT	exp.	16.04.2020
	Modul D: MEDD00001AE	exp.	26.11.2019

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

11<sup>th</sup> January 2018

**DEIF A/S**

Søren Madsen

Product Approval Manager



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