Lloyd's Register
Notified Body authorised by the MCA

Maritime & Coastguard Agency

Certificate No: LR2003875MB
Issue Date: 27/11/2019
Expiry Date: 26/11/2024

EC Type Examination (Module B) Certificate

This is to certify that:
LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), as amended, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU , subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	**Wabtec Netherlands B.V**
Address	10 Darwinstraat, Ede, 6718 XR, Netherlands
Reference	Regulation (EU) 2019/1397
Regulation Item (No. & Item Designation)	MED/4.20 Rudder Angle Indicator
Product Type	INDICATORS
Product Description	Type: Dv48S, Dv72S, Dv96S, Dv144S, D3v48S, D3v72S, D3v96S, D3v144S, D3v192S, Dv48S/66, Dv72S/66, Dv96S/66, Dv144S/66, D3v48S/66, D3v72S/66, D3v96S/66, D3v144S/66, D3v192S/66, Including Signal Correction Box (SCB-V)
Specified Standard	IEC 60945 (2002) including IEC 60945 Corrigendum 1(2008) ISO 20673:2007
Trade Name	Dv48S, Dv72S, Dv96S, Dv144S, D3v48S, D3v72S, D3v96S, D3v144S, D3v192S, Dv48S/66, Dv72S/66, Dv96S/66, Dv144S/66, D3v48

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate is issued under the authority of the MCA. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRV of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

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Peter Huntley-Hawkins

Principal Specialist to Lloyd's Register Verification Ltd
A member of the Lloyd's Register Group

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The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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