Certificate No: LR2003873MB
Issue Date: 27/11/2019
Expiry Date: 26/11/2024

Lloyd's Register
Notified Body authorised by the MCA

Maritime & Coastguard Agency

# 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/4.21 Propeller Revolution 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 22554:2007 |
| **Trade Name** | Dv48S, Dv72S, Dv96S, Dv144S, D3v48S, D3v72S, D3v96S, D3v144S, D3v192S, , Dv48S/66, Dv72S/66, Dv96S/66, Dv144S/66, |

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 This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.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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