EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000AWU
Revision no.:
0

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the **Compass bearing device**

with type designation(s)
FW9015

issued to
John Lilley & Gillie Ltd
North Shields, **United Kingdom**

is found to comply with the Implementing Regulation **(EU) 2024/1975** for
Item no. **MED/4.54** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. V/19, SOLAS 74 Reg. V/18

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-02-14**

Expiry date: **2030-02-13**

DNV local unit:
UK & Ireland CMC & VMC

Approval Engineer:
Jörg Rebel

Notified Body
no.: **0098**

for **DNV SE**

Christine Mydlak-Röder
Head of Notified Body

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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

The compass bearing device consists of following components necessary for operation:

Vane type azimuth device for compass SR4 with black mirror for compass bearings type FW9015

Application/Limitation

None

Type Examination documentation

Tests carried out

- Performance testing: ISO 25862 (2019)
- Environmental testing: IEC 60945 (2002) incl. Corrigendum 1 (2008)

Marking of product

According to IEC 60945, Sect.4.9:
The product to be marked with following information, where practicable:

- Identification of the manufacturer,
- Equipment type number or model identification under which it was type tested,
- Serial number of the unit,
- Compass safe distance.

Alternatively, the marking may be presented on a display at equipment start-up, and in case of fixed equipment compass safe distance may be given in the equipment manual.