

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00002T9
Revision No:
2

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:

That the Pilot ladders

with type designation(s)

**THETIS U.D. Pilot ladder ISO-799-1-6-3 to ISO-799-1-76-3, and
THETIS standard O.S. Pilot ladder ISO-799-1-6-3 to ISO-799-1-76-3**

Issued to

PTR HOLLAND GROUP
Europoort Rotterdam, Zuid-Holland, Netherlands

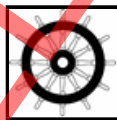
is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2020/1170 item No. MED/4.49. **SOLAS 74 as amended, Regulations V/23 & X/3, IMO Res. A.1045(27), IMO MSC/Circ.1428 and ISO799-1:2019(E),**

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

This Certificate is valid until **2025-11-03**.

Issued at **Høvik** on **2020-11-04**

DNV GL local station:
Netherlands FIS



for **DNV GL AS**

Approval Engineer:
Øystein Holte

Notified Body
No.: **0575**

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Roald Vårheim
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.

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 GL AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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 300,000 USD.



Job Id: **344.1-007028-3**
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Product description

- Pilot ladders with steps made of hardwood and rubber, and 20 mm diameter side ropes of:
 - Mildew resistant manila ropes, or
 - Orange/blue polypropylene rope, or
 - White polyester/polyolefin (60/40% mix) rope.
- Securing ropes of 28 mm diameter made of mildew resistant manila ropes.
- Steps : 6 – 76
- Lengths: 1.70 metres to 25 metres

Application/Limitation

- The examination has only considered the pilot ladder and not the pilot transfer arrangement which shall be verified on-board each vessel.
- Maximum length of pilot ladder shall not exceed 25 metres in total (76 steps).
- The design assessment is based on IMO Res.A.1045(27) and ISO799-1:2019(E).

Type Examination documentation

- Drawings: THETIS U.D. Pilot ladders / 8-1112-4301 and 8-1112-4325
- Drawings: THETIS standard O.S. Pilot ladders / 8-1112-7201 and 8-1112-7225
- Drawing: Hardwood repair step THETIS / 8-1112-0181 (Rev. A)
- Drawing: Hardwood repair spreader step THETIS / 8-1112-0186 (Rev. A)
- Test reports no.:001-2020, Ed.1, and no.:002-2020, Ed.1. Witnessed, stamped and signed by DNV-GL on 30.10.2020.

Tests carried out

- Tests are documented in accordance with ISO799-1:2019(E), Sec.6/Table 2.

Marking of product

- The product to be marked in accordance with ISO799-1:2019(E), Sec. 8.
- The manufacturer may affix the Mark of Conformity according to Article 10 in the Council Directive 2014/90/EU on Marine Equipment and shall issue a Declaration of Conformity, only when the linked MED-D certificate is valid.

Note:

The manufacturer shall inform DNV GL AS of any modifications made to the certified product. If the regulations and standards specified on the front page of this certificate should be amended before the expiry date of this certificate, the product may have to be re-certified in accordance with the amended regulations and standards before it is placed on-board a vessel.