



# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MERB00002T9**  
Revision No:  
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

**That the Pilot ladder**

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 B.V.**  
**Europoort Rotterdam, Netherlands**

is found to comply with the requirements in the following Regulations/Standards:

Regulation **MSN 1874 Amendment 6,**

**Item No. UK/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)(RuleTable)**

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

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

Issued at **London** on **2023-01-31**

DNV local unit:  
**Netherlands FIS**



for **DNV UK Ltd.**

Approval Engineer:  
**Knut Polonji**

Approved Body No.: **0097**

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**Christine Mydlak-Röder**  
**MER Service Responsible**



**Maritime &  
Coastguard  
Agency**

UK Approved Body Authorised  
by the MCA

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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. The product liability rests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV UK Ltd. of any changes to the approved equipment. 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. This certificate remains valid unless suspended, withdrawn, re-called, or cancelled.

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 300,000 USD.



## 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 / 8-112-0181 (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 and shall issue a Declaration of Conformity, only when the linked MER-D certificate is valid.