

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, 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 the Kingdom of Norway.

This is to certify:

That the Pilot ladder

with type designation(s)
Pilot ladder, ARD PLP 001, 6- 43 steps

Issued to
ARDUINO SRL
GENOVA GE, Italy

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/4.49 and Annex B, Module B in the Directive; SOLAS 74 as amended, Reg V/23 & X/3 and ISO 799 (2004)

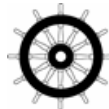
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2019-02-07**.

Issued at **Høvik** on **2016-07-18**

DNV GL local station:
Genoa

Approval Engineer:
Rolf Heger



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
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 Council Directive 96/98/EC, as amended.

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.

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.

Job Id: **344.1-003650-2**
Certificate No: **MEDB00000N4**

Product description

Pilot ladder with side ropes made of mildew-resistant manila or sisal rope meeting ISO1181:1990, Quality 1.

Steps: 6 - 43 steps

Length: Max. 15.05 metres

Application/Limitation

- This examination has only considered the pilot ladder and not the installation arrangement.
- The installation to be approved on board.
- Handholds shall be provided in order to ensure a safe passage to and from the pilot ladder.
- The maximum length of the pilot ladder shall be 15.05 metres.
- Each rope shall be continuous with no joints below the top step.
- The seizing of the side ropes to have minimum breaking strength of 800 N.
- Each ferrous metal part shall be coated in accordance with ISO1461 (ISO799, Sec. 3.3.2).
- The design assessment is based on IMO Res.A.1045(27).

Type Examination documentation

DNV No.	Doc. Ref.	Rev.	Description
8	ARDPLP001 REV. 3 SCALA PILOTA SCHEDA TECNICA	Rev.0	PILOT LADDER TECHNICAL DATA SHEET
7	GEN-12-1173.1	1	Report: DNVGL, Prototype test report GEN-12-1173.1, Rev.1
6		2016-02-26	Report: DNVGL, DNV-GL survey/test report no. 344.1-004303-2
4	ARD PLP 001/3	4	Drawing: ARDUINO, Pilot Ladder dwg

Tests carried out

Tests are documented in accordance with recommendations on testing of pilot ladder in ISO799 (2004), Ch.5.

Marking of product

The product is to be indelibly marked in accordance with ISO799 (2004), Ch.7 and IMO Res.A.1045(27), Ch. 2.1.6 with the: name of the manufacturer, type designation, dimensions and date of manufacture.