



DET NORSKE VERITAS

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8767**

This is to certify that the
Pilot ladder

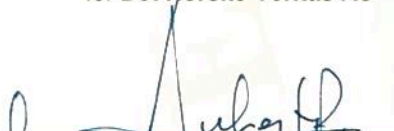
with type designation(s)
Pilot ladder, PLP ARD 001, 6- 43 steps

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.

Høvik, 2014-03-14
for Det Norske Veritas AS


for **Marianne Strand Valderhaug**
Head of Department



Notified Body No.: **0575**

DNV local office:
Genoa

This Certificate is valid until
2019-02-07




Tessa Bieber
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8767
Item No.: A.1/4.49
Job Id.: 344.1-003650-1

Product description

Pilot Ladder with side ropes made of mildew-resistant manila or sisal rope meeting ISO 1181:1990, Quality 1.

Steps: 6 - 43 steps
Length: max. 15,05 m

Application/Limitation

This examination does only consider the pilot ladder and not the installation arrangement. Installation to be approved onboard.

Handholds are to be fitted from the deck to head of ladder.

The maximum length of the ladder shall be 15,05m

Each rope shall be continuous, with no joints below the top step.

The side rope seizing to have minimum breaking strength of 800 N.

Each ferrous metal part shall be coated in accordance with ISO1461 (ISO 799 Ch.3.3.2)

The design assessment is based on IMO Res. A.1045(27)

Type Examination documentation

Basis for approval:

Application	2012-08-23
Drawing no. ARD PLP001/2 Rev.2 'Pilot ladder', incl. technical datasheet, stamped 'type examined'	2013-09-13
Prototype test report GEN-12-1173-1 Rev.1, witnessed by DNV Surveyor's checklist	2014-01-30
	2014-01-21

Tests carried out

Tests are documented in accordance with recommendation on testing of Pilot ladder in ISO: 799 (2004) Ch.5.

Marking of product

The product is to be indelibly marked with Mark of Conformity, name of manufacturer, type designation, dimensions and date of manufacture, according to ISO 799:2004 Ch. 7 and IMO Res. A.1045(27) Ch. 2.1.6.

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

- Module D: The quality system for production and testing shall be approved by the Notified Body.
- Module E: The quality system for inspection and testing shall be approved by the Notified Body.
- Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

