

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00002F8
Revision No:
1

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 Float-free arrangements for liferafts (hydrostatic release units)

with type designation(s)
SEAMATE Ve-1

Issued to
T-ISS B.V.
Dinxperlo, Netherlands

is found to comply with the requirements in the following Regulations/Standards:
Regulation **MSN 1874 Amendment 7,**
item No. UK/1.16. SOLAS 74 as amended, Regulation III/4, III/13, III/26, III/34 & X/3, LSA Code, IMO MSC/Circ. 811 and 2000 HSC Code 8

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

This Certificate is valid until **2027-02-23.**

Issued at **London** on **2023-04-10**

DNV local unit:
Høvik

Approval Engineer:
Helge Bjørnara



Approved Body No.: **0097**



for **DNV UK Ltd.**

Digitally Signed By: Mydlak-Röder, Christine

Christine Mydlak-Röder
MER Service Responsible



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 This certificate remains valid unless suspended, withdrawn, re-called, or cancelled.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

“SEAMATE Ve-1”,
 is an automatic, disposable hydrostatic release unit, designed for:

- inflatable liferafts from 6 to 150 persons
- EPIRB - Emergency Position Indicating Radio Beacon
- AAR automatic - Automatic Air Release

The release depth is from 1.5 m to not more than 4 m.

Application/Limitation

The onboard installation of product shall be carried out according to manufacturer’s instruction.

After installation onboard, unit have to be marked with expiry date at which it must be replaced.

Unit has three years lifetime and does not need annual service, maintenance or spare parts during that period.

The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81) and IMO Res. MSC.218(82).

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Basis for approval:

Drawing	Date
Drawing No. HRU-00100, Rev. A, “Hydrostatic Release Unit” from maker	-
Drawing No. HRU-00210, “Automatic Air Release Unit” from maker	-
Test report	Date
Test report No. T2011-303590-005 from Textile Lab, Netherlands	2012-01-09
Test report “Performance Test & Submergence and Manual Release Test” witnessed by DNV Hiroshima	2012-06-25
Prototype test IMO MSC/Circ.980 witnessed by DNV Hiroshima	2012-06-18 2012-06-19 2012-06-25
Test report “On Weaklink Strength & Rope Strength & Performance Test” witnessed by DNV Guangzhou	2013-04-09
“Test Report after Rope Color Change” from Sea-Land Guangzhou Risheng Marine Equipment Co., Ltd.	2021-04-25

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) Part 1, as amended by IMO Res. MSC.226(82).

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, serial number, date of manufacture, whether the unit is suitable for use with a liferaft with a capacity of more than 25 persons (ref. LSA Code 4.1.6.3.6) and the MER Mark of Conformity (see first page).