

TYPE APPROVAL CERTIFICATE

Certificate no.:
TALB000003B
Revision No:
1

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.
Zoetermeer, Netherlands

is found to comply with
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
TP14475E Ed.2 (2023-12) Canadian life saving appliance standard

Application:

Approved for use as a hydrostatic release unit in float-free arrangements for liferafts.

The certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2025-04-02**

This Certificate is valid until **2030-04-01**.

DNV local unit: **Netherlands West FIS**

Approval Engineer: **Tessa Bieber**



for **DNV**

This document has been digitally signed and will therefore not have handwritten signature

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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 USD 300 000.

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

Approved for use as a hydrostatic release unit in float-free arrangements for liferafts.

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 Approval documentation

Certification in accordance with Class Programme DNV-CP-0338, September 2021.

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., Guangdong Province, China.	2021-04-25
Test report No. 7191280755-CHM22-KLB_CR1 from TÜV, Singapore.	2022-03-24

Tests carried out

Test documentation in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70), Part 1, as amended by IMO Res.MSC.226(82) and Canadian Lifesaving Appliance Standard (TP14475E) Ch.4.

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 (LSA Code Ch.4.1.6.3.6). The markings shall comply with Canadian Lifesaving Appliance Standard (TP14475E) item 1.2.

All instructions and markings accompanying the HRU, or printed directly on the HRU, shall be in both English and French, as per Procedures For Approval of Life-Saving Appliances and Fire Safety Systems, Equipment and Products (TP14612E) Ch.3.2.2.



Job ID: **262.1-032391-2**
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Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Procedures for Approval of Life Saving Appliances, Fire Safety Systems, Equipment and Products (TP 14612), DNV confirms that the product listed in this certificate is in accordance with Transport Canada requirements.

Periodical assessment

DNV's surveyor is to be given permission to perform periodical assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNV-CP-0338, Section 4.