

HRU installation instructions for liferafts

It is very important that a liferaft's hydrostatic release unit is installed correctly. A SEAMATE HRU makes the installation simpler. We recommend to let this done by an authorised dealer.

A SEAMATE HRU has a 3-step connector application with a Weak Link supplement. The risk of incorrect installation will be minimised.

The SEAMATE HRU is a hydrostatic release unit made for liferafts from 6 to 150 persons and for Epirbs. By innovating the used materials the product will not corrode and will have a lifetimecycle of 3 years. The SEAMATE HRU needs no service, maintenance or spare parts after installation. One just installs a new SEAMATE Ve-1 every 3 years and dispose of the old one. Through innovation of our HRU with respect to lifetime and materials the SEAMATE HRU generates 50% less waste for the environment than common models. It also saves on maintenance.

Marking Expirydate SEAMATE HRU Ve-1

The SEAMATE Ve-1 must be marked directly after installation as shown and described on the picture below.

When date of installation is for example December 2012, than the expiry date of the HRU must be marked as following:

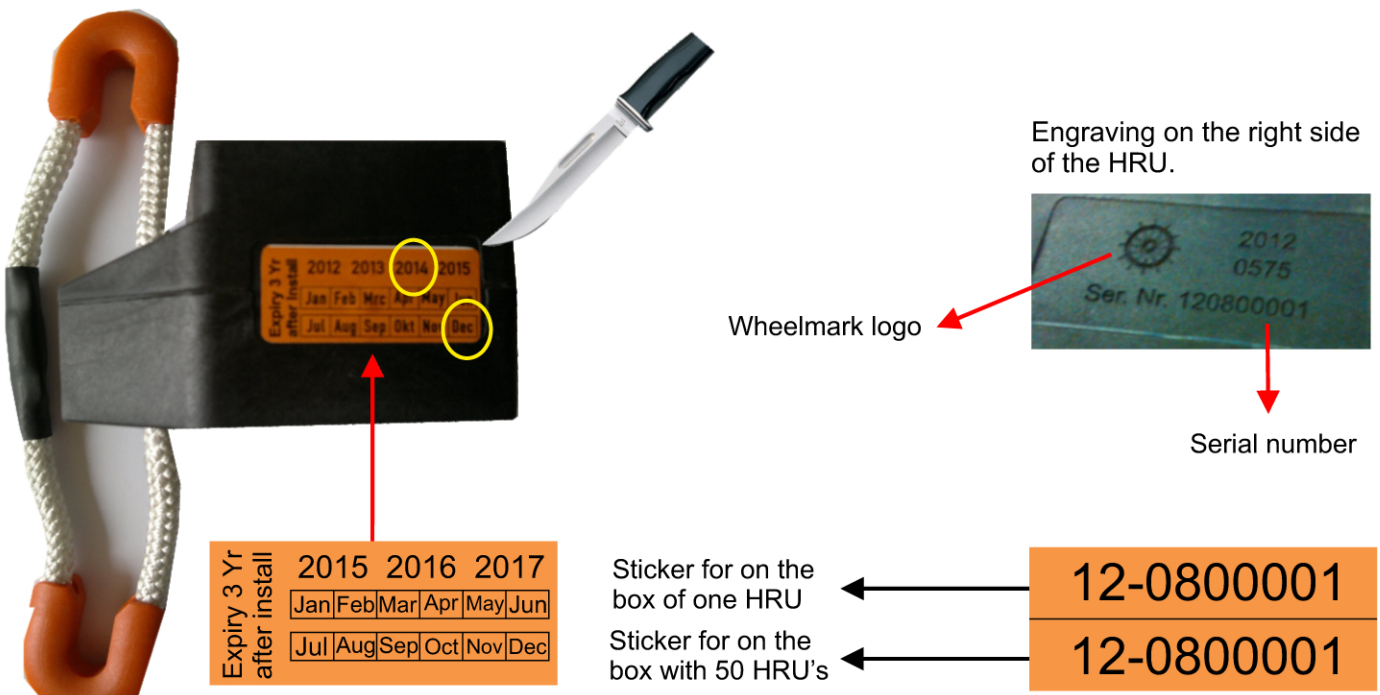
Take out the sticker which is in the box.

Take a sharp tool for instance a knife and scratch 3 years ahead so December 2015.

The Year 2015 & Month december must be scratched.

Now it means that HRU must be replaced before 2015 latest.

Place the sticker on the HRU.



Remark: if during inspection on board the sticker is unreadable or removed than replace the HRU as soon as possible.

SEAMATE Ve-1 installation instructions

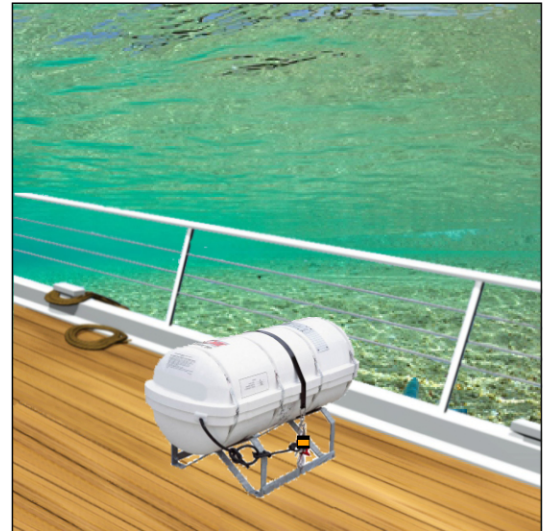


Working principle

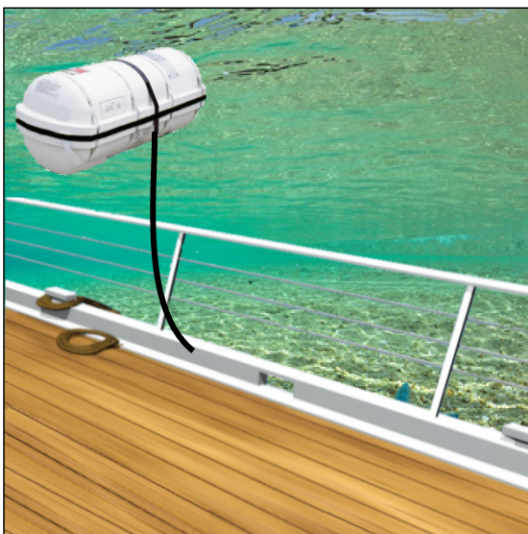
The opening / release unit of the SEAMATE HRU is activated by waterpressure, when a ship sinks the release-unit will be activated once the HRU will be lower than 1.5 meter below the waterlevel.



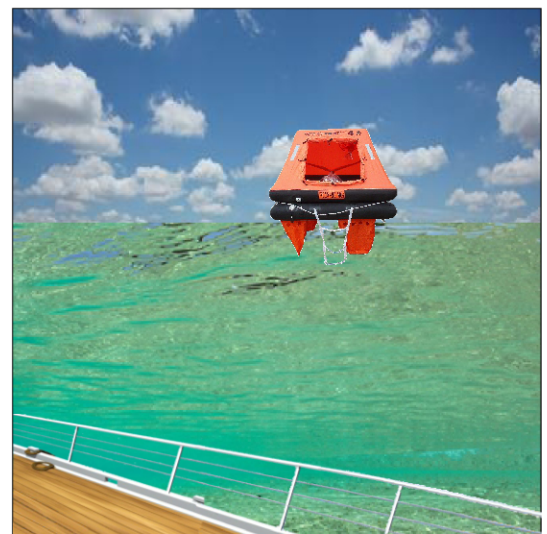
SEAMATE Ve-1 HRU rope connected to the deck



When a vessel sinks, the waterpressure will activate the HRU, the HRU than release his cuttingknife which allows the Liferaft to float to the surface.



As the raft floats towards the surface the connectorline (painter) stretches which cause the liferaft to inflate.



When rafts is on Surface the Weaklink Rope will break and allows the castaways to board.

SEAMATE Ve-1 installation instructions



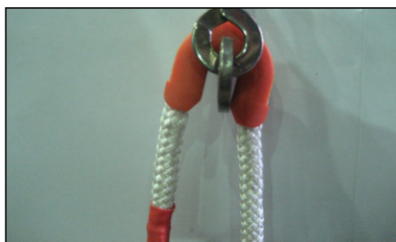
Quality assurance:

Make sure to always buy SEAMATE HRU's at official dealers.
Always read and study the manual and installation instructions.
This will help to easy install the SEAMATE HRU, most important after installation of the HRU mark the expiry date as shown on picture.

Installation guideline

The pictures below will show you how the SEAMATE HRU will be correctly installed.
In 3 simple steps the HRU is fitted for liferafts.

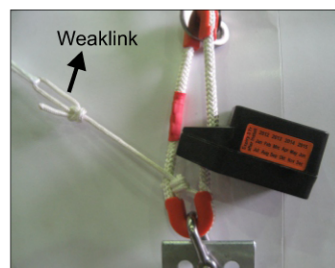
Top



Bottom

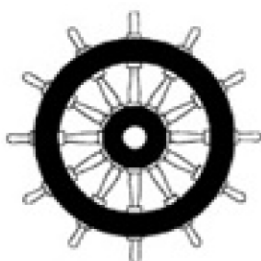


Overview



Approvals and Standards

Approvals



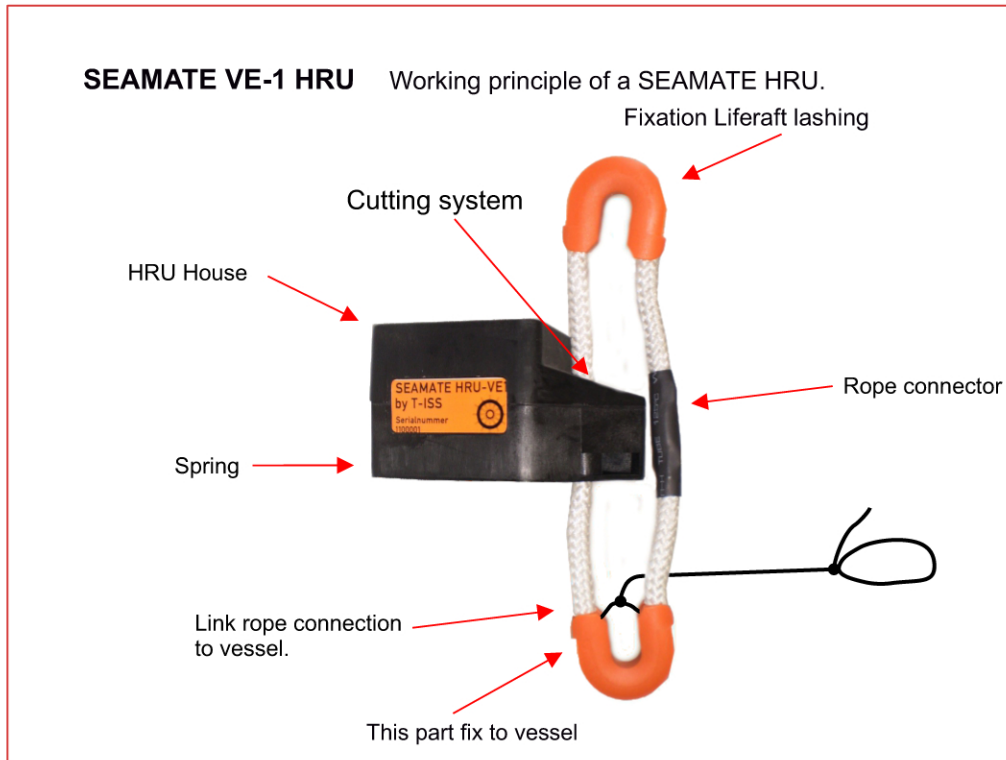
Standards

SOLAS 74 Convention, as amended Regulation III/4, X/3, III/13.4.2, III/26.2.2 and III/34
IMO Resolution MSC.48(66) amended by MSC.207(81), MSC.218(82) and MSC 272(85)
IMO Resolution MSC.97 (73) 8.1 and 8.6 (2000 HSC Code)
IMO MSC/Circ. 811
IMO Resolution MSC.81(70) amended by MSC.200(80), MSC.226(82) and MSC 274(85)

SEAMATE Ve-1 installation instructions



The following diagram shows how the components operate, separating the liferaft from the connection on the ship.



T-ISS, SEAMATE and SeaLand have the policy to supply state of the art marine safety products. A global network of approved distributors will ensure our clients the best service.

Through constant innovation and upgrading of quality and logistic systems we guarantee that, our products and services are a constant reliable factor.

In close corporation with leading classification authorities we implement the latest regulations, and guidelines in our staff and our equipment

For further questions contact one of below addresses