



0575/2021

**SOLAS HRU**

160.162  
EC0575/7870

**SEAMATE Ve-1**

for Liferrafts & EPIRB

for Liferrafts 6 up to 150 pax max. and EPIRB

**Do Not Paint, Replace every 3 Years**

Releasedepth 1,5 - 4 mtr

**T-ISS**

Made by Sea-Land Guangzhou  
Risheng Marine Equipment Co. Ltd.

# HYDROSTATIC RELEASE UNIT

# HYDROSTATIC RELEASE UNIT (HRU)



## General description

The T-ISS Seamate Ve-1 Hydrostatic Release Unit or HRU is a pressure activated mechanism designed to automatically deploy that clears your life raft or EPIRB to float up to the surface. In the exceptional situation a vessel sinks, the HRU will activate and release the life raft or EPIRB on a depth between 1,5 and 4 meters.

The pressure of the water on the casing causes a knife to cut through a rope and thereby releasing the life raft. This same principle applies on the HRU for EPIRB's, whereby the bracket which holds the EPIRB is released. The EPIRB model is delivered with the bolt and nut to connect the EPIRB to your vessel.



HRU basic model  
6 up to 150 pax  
HRU001-L



All HRU models have the same compact universal size to save space and are DNV and Wheelmark approved. The different HRU models do not require any maintenance, spare parts or separate service intervals.

The product should only be replaced every 3 years during the standard service interval of the life raft or EPIRB. Because of the simple and quick assembly of the HRU, downtime on shore is reduced to an absolute minimum.

## Technical data

Dimensions: 165 x 75 x 65 mm  
Weight: Approx. 0,25 kg

## Benefits & Features

The innovative design and the high quality of our HRU's increased the reliability, which is why the T-ISS SeaMate Ve-1 has an expiry life of 3 years and can be used in all weather conditions, from extreme heat to the polar environment. This means you only have to replace the HRU every 3 years, instead of 2 years which is the standard. Besides cost saving, 3 years expiry also reduces the environmental impact.

We can provide you with five different HRU models, each with a different application. A basic model for 6 to 150 pax, a basic model for 1 to 12 pax, an EPIRB model, a remote released model and a combi model.





HRU epirb model  
HRU002-E



HRU mini model  
1 up to 12 pax  
HRU003-M



HRU remote released model  
HRU004-R



HRU combination model  
HRU005-C

## HRU HOOKS

T-ISS can supply you with various hooks which are suitable for our HRU-models and are made out of seawater resistant SS316 Stainless Steel. They have a breaking strength that complies with the ISO regulations ISO6892. All hooks are packed in sets of 10 pieces.



HRU carabineer  
HRUHK-CA



HRU sliphook  
HRUHK-SL



HRU shackle  
HRUHK-SH

## Approvals

- Russian Register
- DNV
- USCG
- Korean Government

## Standards

- In compliance with ISO 15734

Article number	Description	IMPA	ISSA
HRU001-L	Seamate HRU for liferafts 6-150p	330119	4700802
HRU002-E	Seamate HRU for epirb bolt	330126	4700803
HRU003-M	Seamate HRU mini for liferafts 1-12p	330126	4700803
HRU004-R	Seamate HRU remote released model	330126	4700803
HRU005-C	Seamate HRU combination model	330119	4700802
HRUHK-CA	HRU carabineerhook (10 pcs)	-	-
HRUHK-SL	HRU sliphook (10 pcs)	-	-
HRUHK-SH	HRU shacklehook (10 pcs)	-	-

## CONTACT INFORMATION

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