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**SAFETY CIRCULAR**

**05<sup>th</sup> Feb 2019**

To: Fleet

**Subject: Liferaft HRU Installation Instructions**

Dear Masters/Chief Engineers,

The correct installation of a life raft's hydrostatic release unit (HRU) is vitally important; it could be a matter of life and death.

The new generation H20 model has a Red Weak Link connector with a 3-step coupling device. By eliminating the risk of incorrect installation, they have now made it even safer.

The Hammar H20 is a hydrostatic release unit designed to fit life rafts of all shapes and sizes. It is made of glass fibre reinforced nylon, which prevents it from corroding. The Hammar H20 needs no annual service, maintenance or spare parts.

You simply install a new one every two years and dispose of the old one.

With the environment in mind, the old unit is 97% recyclable.

## Marking

The following are the manufacturer's instructions for marking:

# HAMMAR H20

## INSTRUCTIONS FOR MARKING

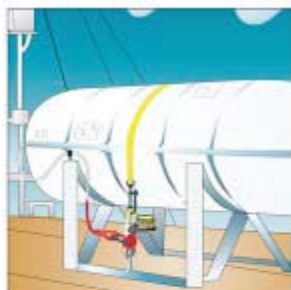


### INSTRUCTIONS FOR MARKING

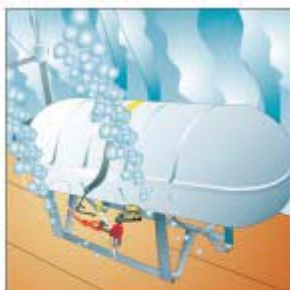
Markings must be done solely by a manufacturer or an authorised service station. The expiry date is 2 years from month of installation onboard. The release unit is labelled with a marking for year and month. Use a knife and carefully scratch away the appropriate square for month and year of expiry two years ahead. A hydrostatic release unit, which is not properly marked with its date of expiry, is not approved. Each Hammar H20 release unit has its own individual serial number.

### How it works

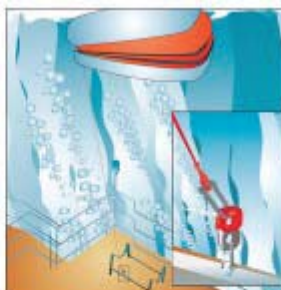
The release mechanism is activated by water pressure, which increases as the ship sinks below the sea.



White Hammar H20 strong rope secured to deck or liferaft cradle and attached to liferaft lashing with a sliphook. Liferaft painter line shackled to the Red Weak Link connector.



If the ship sinks, the water pressure, within 4 metres, will activate the sharp knife, which cuts the strong rope and the liferaft will float free.



As the ship sinks, the liferaft painterline will be stretched and the liferaft starts to inflate.



Red Weak Link breaks and survivors can board the inflated liferaft.

## Fake copies

Hammar have developed a new solution to guarantee the safety and functionality of the original Hammar H20. All H20 items produced as from 24.02.2009 include a unique Holospot security marking. This marking will help distinguish the original Hammar quality from dangerous fake copies.

Here is what you should look for:

Every new Hammar H20 features a 5 x 10 mm silver black Holospot label with a six number alphanumeric code, e. g. 0000ZW. Above the code the Hammar logo can be seen.

Serial number and production date



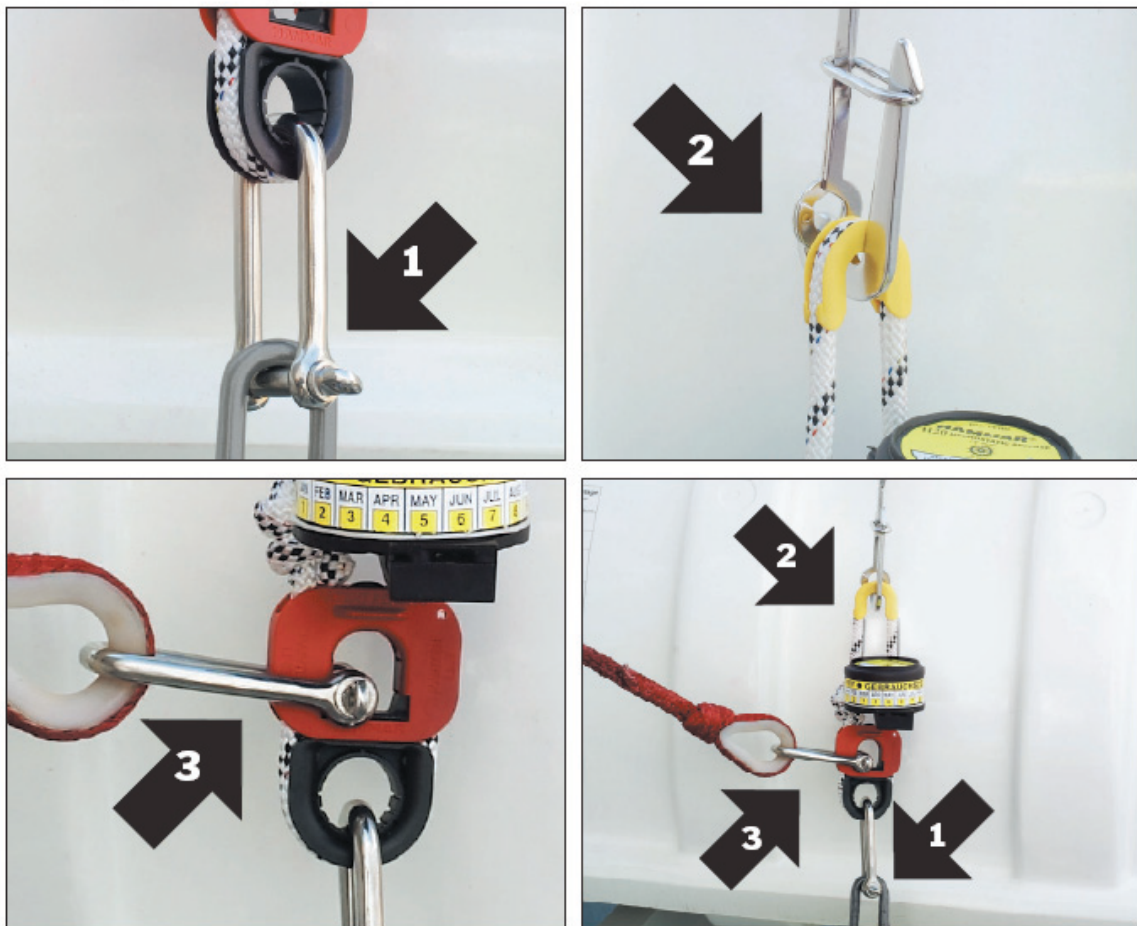
Holospot with Hammar Logo and alphanumeric code

## Installation New model

The Hammar H20 is installed by inserting it into the liferaft securing mechanism, as follows:

- 1) Attach the lower end (black thimble) to a strong point on the deck or on the liferaft cradle, using a shackle.
  - 2) Attach the liferaft securing strap release hook through the upper yellow thimble.
  - 3) Attach the liferaft painter to the Red Weak Link™ connector using a shackle.
- The Hammar H20 is now correctly installed and will be in service for two years.

## ONE, TWO, THREE AND YOU'RE SAFE AT SEA



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

## Hydrostatic Release Units

How does a Hammar HRU function?



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