



RLS RescueStar[®]



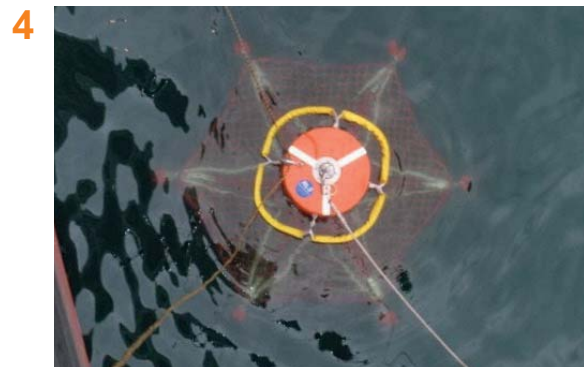
When rescuing person(s) from the sea...



the **RLS RescueStar®** on the crane will open automatically...



and will slide into the water.



The floating rescue disc carries the rescue equipment like a buoy.



The person(s) can be pulled to the floating rescue disc and can hold tight.



The framework of steel struts is raised by the crane ...



lifts the person(s) out of the water ...



and deposits him (them) on board.



Innovative Sea Rescue

As an innovative team we develop and produce highly modern and effective sea equipment for shipwrecked persons for all types of larger and smaller ships.

During long years of research and development we have gained wide experience in the design and equipment of specialised rescue devices, which are established and distributed by the Lebenshilfe Hildesheim e.V.

Every type of our **RLS RescueStar®** Systems complies with the up to date demands in sea rescue.

All RLS RescueStar® - Systems services:

- High degree of adaptability to conditions on board and sea state.
- No personal risk to the crew.
- Automatic adaptation to wave height by the sliding function of the floating rescue disc on the crane hawser / leader cable.
- Robust steel framework sinks automatically to a position approx. 2 m below the trough of the waves.
- Floating rescue disc carries the rescue equipment independently of the (crane) cable, with a floating function (like a buoy).
- Free and easy access from all sides for persons in the water.
- Depressions created in the net secure the casualties.
- Two safety guide ropes prevent the equipment from swinging while being raised.
- Very low maintenance requirements.



RLS RescueStar® FL 2600 (incl. floating function)

- Net surface with webbing reinforcements to accommodate up to **4 persons**.
- System can be operated by one person.
- Suitable for high freeboards
- V-shaped folding system requires little storage space.
- Easy to transport on board. Can be stored indoors if doors are minimum 70 cm wide.
- Very versatile RLS rescue system for the recovery of casualties from the water.
- Removal of the upper stopper produces sliding function of the orange floating rescue disc on the crane leader cable with very high wave compensation, thus the same sliding principle as for the **RLS RescueStar® AVE** (stainless steel version).
- Alternatively two framework struts integrated with cushioned rubber fenders or cushioned rubber reels on the ends of the struts.
- Two safety guide ropes prevent the equipment from swinging while being raised.
- Framework of struts opens automatically on release of the retaining mechanism.

Width
extended

260 cm

Net size

230x200 cm

Height

229 cm

Weight

55 kg

Storage size
Ø

top: 68 cm
bottom: 38 cm

Storage
height

229 cm



Containerschiff LT Cortesia

RLS RescueStar® On small and large ships.

The RLS - Research and Development project was found in 1989 by Prof. Dipl. Päd. Michael Schwindt at the HAWK Hildesheim/Holzminden/Göttingen, the University of applied sciences and arts in Hildesheim.

The purpose of the RLS research project was to supply the requirements of the seafaring medicine for a sea rescue to the circulatory system on a scientific basis with technically feasible solutions, to analyse the recurring problem areas of the sea rescue and to develop quality criteria for sea rescue devices.

Success and failure of the rescue manoeuvres decide within moments about the life of one or several persons, which drift in the rough sea.

Seafaring medicines are calling since a long time for a circulatory system lift in a horizontal or in a deck-chair position for casualty at sea, which is demonstrated from the RLS research project.

The yearlong process of research and development for the **RLS RescueStar®** led to the fact that these big rescue technical issues could be solved.