

# ONBOARD MAINTENANCE MANUAL





# Onboard Maintenance for liferaft installation

## General crew maintenance

The following instructions to the crew for onboard maintenance are intended to ensure compliance with SOLAS Chapter III, Regulation 36.

Servicing of S12 and S30 liferafts must be carried out at a VIKING authorised service station.

Important information required for the liferaft is provided on the container identification plate/label, including data such as capacity, approval details, serial number and servicing information.

In accordance with SOLAS Chapter III, Regulation 20. Liferafts shall be maintained in good working order and ready for immediate use.

If any abnormalities are identified, contact **VIKING Life-Saving Equipment A/S in Denmark or your nearest service station as soon as possible.**

No servicing, unpacking or opening of the VIKING liferaft container shall be carried out by the crew.

If any interference with the liferaft has occurred, a VIKING service technician shall be informed and shall confirm that the liferaft remains in proper working condition.



## Cradles / Racks

If the cradle or rack becomes worn or rusty, the crew may repaint it themselves, taking care not to damage the container and any installed equipment. If any repair is required to the cradle or rack, guidance from VIKING shall be sought.

## Hydrostatic Release Unit (HRU)

Verify the expiry date and check that the HRU is in good condition, with no cracks, deformation or missing labels.

The HRU shall be installed in accordance with the manufacturer's specified orientation, and the lashing shall be correctly routed through the unit.

## Container

Check the external condition of the liferaft container. Ensure that the container halves fit securely, with no separation, and that all labels and instruction markings are clearly readable.

## Marking

Liferaft containers shall not be marked, stencilled, or otherwise modified. Stencilling of vessel information is not permitted, and reflective tape shall not be applied to the container. All required identification and technical information is provided in the ID tube mounted on the liferaft container.

## Hooks and lashings

**VIKING liferaft installations can be fitted with two types of hooks: Pelican slip hook and Wichard slip hook.**

Both hook types may be maintained by applying a wax-based corrosion protection recommended by VIKING. Apply the corrosion protection evenly to the surface using a brush. Remove any excess wax after application, ensuring that wax remains on moving parts.

If corrosion is observed, the hook must be replaced by an approved service station when the liferaft is serviced. The crew are not permitted to replace any parts related to the liferaft installation.

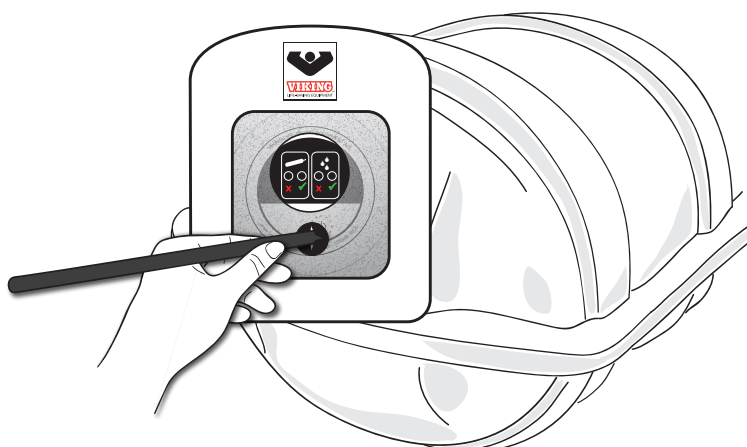
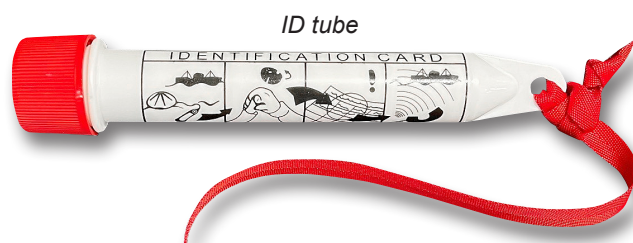
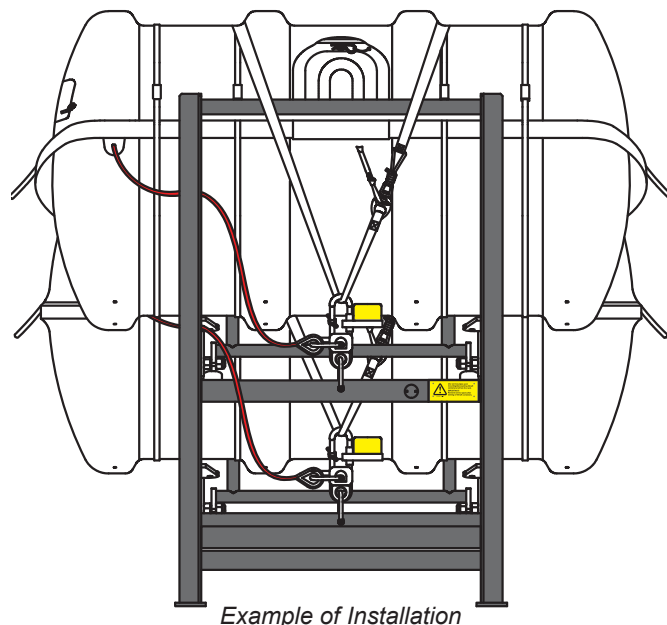
Check that all lashings are in good condition and properly secured, and that they show no signs of wear, damage or looseness.

## S30 liferaft testing panel

VIKING S30 liferafts are serviced using a combination of annual onboard inspections carried out by crew and specialised service after 30 months at a VIKING approved service station.

Test the S30 liferaft by following the instructions in the S30 BRIEFCASE concerning humidity and CO<sub>2</sub> conditions inside the aluminium packing bag.

*In case of problems, contact VIKING as soon as possible.*



# Crew Responsibilities and Limitations

## The crew MAY:

- Perform visual inspections
- Check securing arrangements
- Check service expiry dates
- Check the deployment area
- Record inspections in the logbook

## The crew shall NOT:

- Open the container
- Service inflatable components
- Replace gas cylinders
- Perform inflation tests
- Mark container with reflective tape
- Stencil container with vessel information

These activities may only be carried out at an authorised service station.

Crew Inspection Checklist	Weekly	Monthly
Ensure the container sits properly in its cradle without movement and is secured	X	
Launching appliances (davits, winches) inspected for visible defects	X	
No obstructions to launching	X	
No corrosion, deformation, leakage, or missing equipment	X	
Verify lashing straps are tightened correctly, they should not be loose or over-tight.	X	
Ensure the painterline is correctly routed from the liferaft container, through the HRU (if fitted), and towards the securing point.	X	
Hydrostatic Release Units (HRU) inspected for expiry date		X
Check structural integrity of the Cradle / Rack		X
Confirm correct SOLAS markings: capacity, serial number, type approval, next service due date.		X

**VIKING LIFE-SAVING EQUIPMENT**  
*Protecting people and business*

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