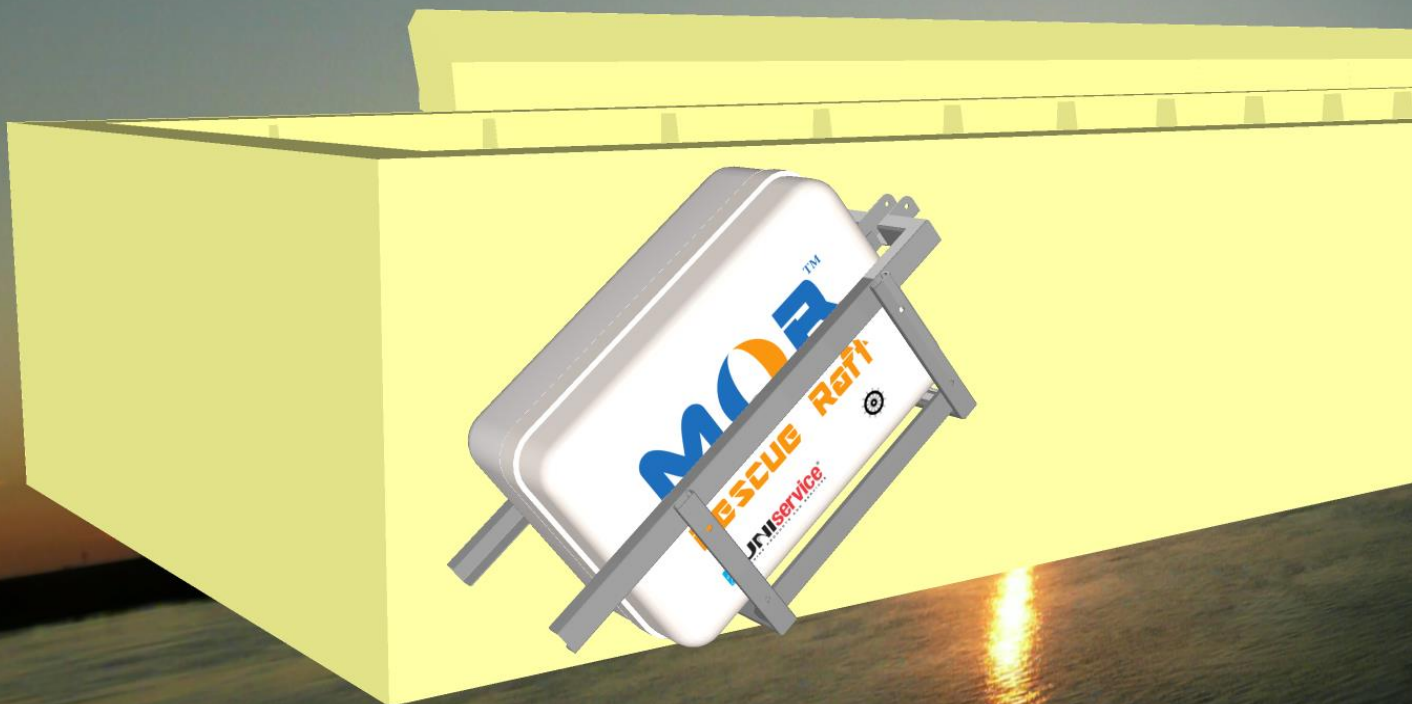


MOB Rescue Raft

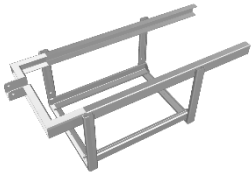






INSTALLATION MANUAL



The MOB Rescue Raft™ (MOB RR) is the new shipborne rescue device. Please, read carefully this installation manual before system installation. Follow installation manual step by step in order to avoid any injury or damage caused by wrong handling or installation.

1. MOB Rescue Raft System - Main parts

The MOB RR system consist from parts presented in table below.

	<p>Launching frame</p> <ul style="list-style-type: none"> - stainless steel frame 	<p>1 pc</p>
	<p>Rescue raft container</p> <ul style="list-style-type: none"> - fiberglass container with rescue raft, inflating system and equipment (packed inside) - weight abt. 40 kg 	<p>1 pc</p>
	<p>ERU securing pins</p> <ul style="list-style-type: none"> - for container - for launching frame 	<p>2 pcs</p>
	<p>Electronic Release Unit</p> <ul style="list-style-type: none"> - 24V DC 	<p>1 pc</p>
	<p>Release switch</p> <ul style="list-style-type: none"> - 24V DC 	<p>1 pc</p>
	<p>Connector Box</p> <ul style="list-style-type: none"> - 24V DC 	<p>1 pc</p>
	<p>Cable</p>	<p>30 m</p>

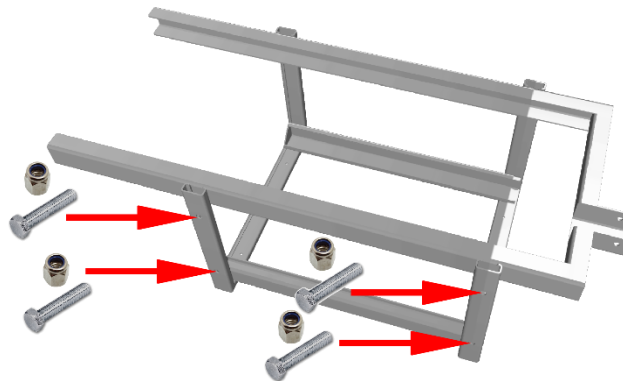
2. Launching frame installation

The stainless-steel launching frame to be installed preferably on the ship's wing or another suitable position, considering the ship's type and construction possibilities. Installation on the bridge wing to be made preferably from **rear side of the bridge bulwark/railing, but installation from front side of the wing bulwark/railing is possible as well** (e.g. in cases when rear side installation is not possible due to MOB Life buoy with smoke and light signal installation).

The launching frame to be installed as is described on the pictures below.



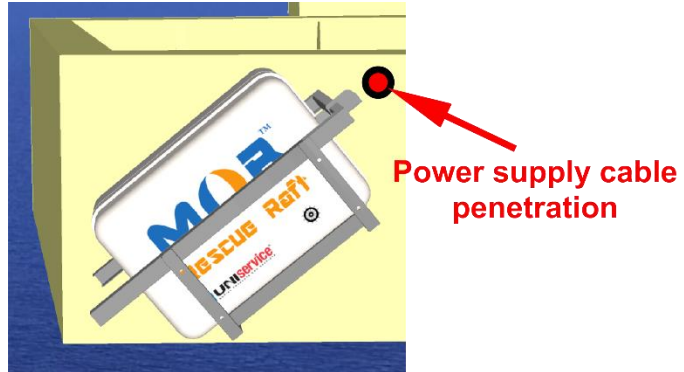
For installation to be used 4 pcs of high-quality stainless-steel bolts (M8) which have to fixed by self-locking nuts in same quality and grade of material as bolts. The bolts and nuts have been attached to your package.





The launching frame rails cannot exceed maximum beam of ship!

The suitable bulwark penetration for 24V power supply cable of electronic release unit to be made close to launching frame as on picture below:

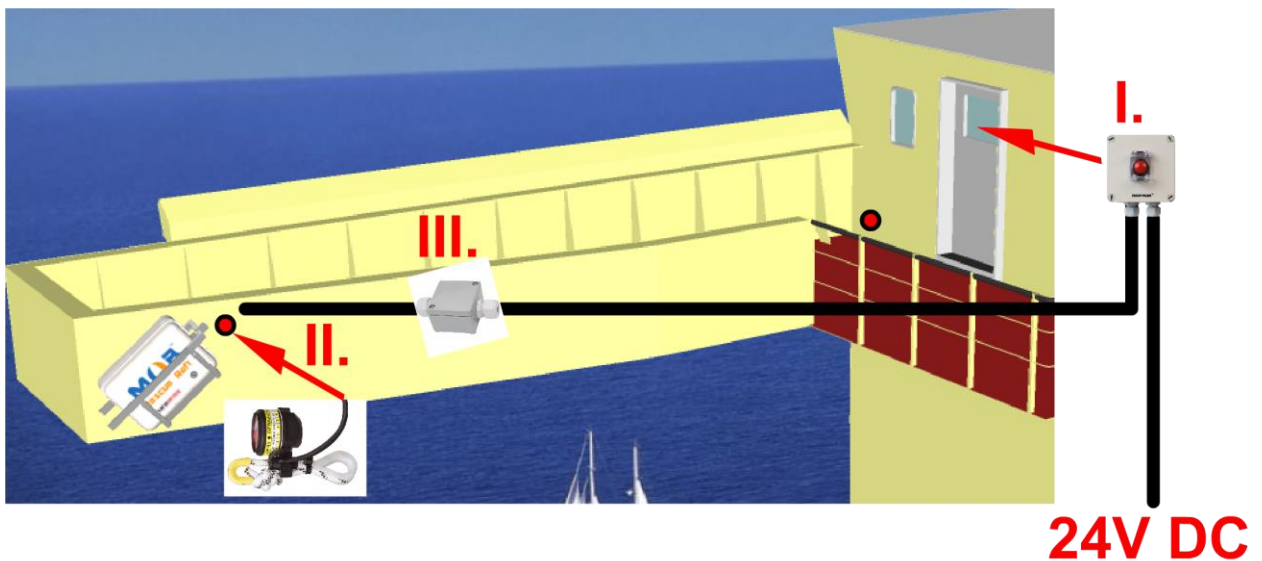


3. Electronic release unit (ERU) system installation

The release switch to be installed **inside the bridge** on the same side where the MOB Rescue Raft is installed (picture below - Pos. I.). Release switch on-wall installation to be preferred. Connector box to be installed **on inner side of bulwark/railing close to bulwark penetration**.


If not exist, then the additional penetration to be made on superstructure wall in order to pull cable **between Pos. I and Pos. III.**

The release switch should be connected to power supply cable with 24V from bridge power supply.



The cable connecting the Pos. I and Pos. III should be installed in same manner as other cables leading from the wheelhouse to wing side.

Detailed electric connection diagram is attached on the end of this installation manual.

	<p>Before installation of rescue raft container, the electric installation to be tested by connecting 200mAF glass tube fuse to connector box (Pos. III) instead of ERU.</p>
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After test, the ERU cable should be pulled thru the bulwark penetration (Pos. II.) and connected to connector box (Pos. III.).

4. Rescue Raft container securing

When the launching frame is firmly fixed to ship structure and electric installation is tested and found workable, then the rescue raft container to be carefully **slide into** the launching frame rails and secured by ERU.



Manipulate the rescue raft container with caution! The rescue raft PAINTER LINE is two (2) meters length ONLY!

During the overboard manipulation you should secure the raft container by attaching the securing lines to rope handles of the container to prevent any accidental fall of container before the container is properly slide into rails and secured by ERU.

The ERU “**yellow eye**” to be secured to rescue raft container eye! The ERU “**white eye**” to be fixed **together with painter line** to launching frame (as demonstrated on the picture below).



The rescue raft PAINTER LINE to be fixed to launching frame together with ERU “white eye”. In order to reach the frame securing pin position, you can slightly pull the painter line out of the container.

5. Maintenance notes

The visual control should be made during SOLAS weekly inspections. The life-time of ERU is 2 years. The rescue raft to be inspected together with other inflatable lifesaving equipment as per SOLAS regulations. There are special backpacking requirements for shore service:

FOR RAFT SHORE SERVICE

- a) The painter line length should be 2 meters only*
- b) The painter line should not be fixed to the rescue raft (only to inflating system)*
- c) External AA batteries 6 pcs for VHF radio should be replaced*
- d) AIS Locator should be replaced when its batteries are expired (5 years life-time)*

6. Equipment notes (packed inside)

The MOB Rescue Raft is equipped by AIS locator, VHF Handheld radio (16Ch.) with external AA batteries and thermal protective aid (TPA). All equipment is packed inside and ready to use when the raft is automatic inflated after launching. For the equipment details read the **MOB Rescue Raft Operational Manual** carefully.

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