

**EC TYPE EXAMINATION (MODULE B) CERTIFICATE**No. **01-010607/017257****THIS IS TO CERTIFY:**

That Croatian Register of Shipping did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with requirements of Marine Equipment Directive (MED) 96/98/EC as last amended by directive 2012/32/EU, subject to any conditions in the schedule attached hereto.

**TYPE AND DESCRIPTION OF PRODUCT**

**Release mechanism for lifeboats and rescue boats (launched by a fall or falls)**  
**On- load hook type NRH 2.5**

**ANNEX A.1 NO AND ITEM DESIGNATION**

Annex A.1, Item No.A.1/1.26a Release mechanism for lifeboats and rescue boats (launched by a fall or falls )

**MANUFACTURER:**

**MONTMONTAŽA - GREBEN d.o.o.**  
Vela Luka - CROATIA

**REGULATIONS AND STANDARDS** (in accordance with Annex A.1, Directive)

SOLAS 1974 Convention as amended  
LSA Code as amended  
IMO Resolution MSC.81(70) as amended  
2000 HSC Code as amended

**NOTICE:**

1. Further details of the product and conditions for certification are given overleaf.
2. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.
3. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.
4. The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.
5. In case limitations of use apply, these should be indicated of in the Schedule of Approval.

Issued by Croatian Register of Shipping, notified body number 2489.

This certificate is valid until: **2018-11-27**

Place and date: **Split, 2014-11-27**

Seal

Signature

**Marinko Popović, dipl.ing.**

# THE SCHEDULE OF APPROVAL

## 1. PRODUCT DESCRIPTION

On-load release hook with safe working load, SWL = 25 kN

## 2. APPLICATION/LIMITATION OF USE

- The release mechanism is intended for liferafts and rescue boats with single fall system only.
- Grades of materials as stated on drawings are to be delivered with certificates.
- All weldings is to be carried out by qualified welders and in accordance to welding procedures acceptable to the attending surveyor.

## 3. DESIGN DRAWINGS AND SPECIFICATIONS

Main design appraisal drawings:

Hook NRH2.5 dwg. no. A07409, rev E

Hook NRH2.5 casted dwg. no. A07424

Release mechanism handling manuals dwg. no. A07420, rev. B

Other drawings as listed in approval letters 1767/TB/JM/MD/017257.

## 4. TYPE TEST RECORDS/LABORATORY RECOGNITION STATUS

LR Split Certificate Number SPT 9900226 dated 1999-10-06.

Release mechanism test report No. 1010416 dated 2010-06-23 "Additional testing report for hook NRH 2.5 by Res. MSC.226(82)".

The release mechanism was tested on hook serial number 778 under witnessing of Croatian Register of Shipping as per tests report ident no. 1012124 dated 2014-11-22.

## 5. MATERIALS OR COMPONENTS REQUIRED TO BE TYPE APPROVED OR TYPE TESTED

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## 6. OTHER MATERIALS AND/OR COMPONENT

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## 7. PRODUCTION SURVEY REQUIREMENTS

The manufacturer is allowed to affix the Mark of Conformity to equipment referred and to issue a Declaration of Conformity as long as either of the following is fulfilled:

Module D - The quality system for production and testing shall be approved by the Notified Body or,

Module E - The quality system for inspection and testing shall be approved by the Notified Body or,

Module F - Compliance of the products in this EC Type-Examination Certificate is to be verified by the Notified Body who shall also issue a Certificate of Conformity.

## 8. ONBOARD INSTALLATION AND MAINTENANCE REQUIREMENTS

As per requirements of Regulations and Standards stated in on front page of the certificate.

Each product is to be supplied with its Manual for installation, use and maintenance in the language required by the ship's Flag Administration.

## 9. MARKING AND IDENTIFICATION



*Subject to compliance with the conditions in this Schedule of Approval which forms part of certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.*

2489/yy (yy = last two digits of year mark affixed)

The release mechanism shall be marked with:

- Manufacturer's name,
- Serial number,
- Maximum working load,
- Markings as per chapters 1.2 of LSA Code.

## 10. OTHERS

This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the hook at any time, and that the manufacturer will accept responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the hooks and the conditions of this approval.

- END OF CERTIFICATE -