

Certificate No:

MED-B-9459

Item No:

A1/1.26a

Job Id:

344.1-002225-3

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2013/52/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Release mechanism for lifeboats and rescue boats launched by a fall or falls

with type designation(s)

HMK 15

Issued to

H. Henriksen AS
TØNSBERG, Norway

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/1.26a and Annex B, Module B in the Directive. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2014-12-18
for **DNV GL**



This Certificate is valid until
2019-12-18

for

Marianne Strand Valderhaug
Head of Department

Notified Body No.: **0575**

DNV GL local office:
Sandefjord

Paulo Correia
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.

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Product description

- Off-load release hook with safe working load, SWL: 15.0 Tonnes
- The hook may be used with optional swivel joint HSL 15

The product may be delivered in the following versions:

- HMKST 15
- HMKF 15
- HMKG 15
- HMKR 15
- HMKRW 15

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).
- The various components transferring the load like wires, shackles, etc. are to comply with international standard or code and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, onboard testing (MSC.81(70) part.2), and support to the deck structure, are not included in this examination and shall be accepted by attending surveyor in each case.
- Support to hull structure is not included in this examination and shall be evaluated separately.
- The hook system has been evaluated in line with the LSA Code as amended, including IMO Res. MSC.320(89) & MSC.321(89).

Type Examination documentation

<i>Drawing No.</i>	<i>Rev.</i>	<i>Title</i>
HMKST 15:		
HH000034	0	Sammenstilling/partslist
HH040032	A	Hovedbolt
HH020029/30	0	Sideplate
HH010007	A	Krokemne
HMKF 15:		
HH001306	A	Sammenstilling/partslist
HH040032	A	Hovedbolt
HH021307/8	A	Sideplate
HH010007	A	Krokemne
HMKG 15:		
HH000050	0	Sammenstilling
HH020037/38	B	Sideplate
HH040032	A	Hovedbolt
HH010007	A	Krokemne
HMKR 15:		
HH000091	0	Sammenstilling/partslist
HH040032	A	Hovedbolt



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HH020053/54	0	Sideplate
HH010007	A	Krokemne
HMKRW 15:		
HH000105	0	Sammenstilling
HH020059/60	0	Sideplate
HH040032	A	Hovedbolt
HH010007	A	Krokemne

Tests carried out

Prototype testing carried out 2006-07-28, witnessed by DNV Sandefjord.

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9:

- Type designation, manufacturer name and serial number
- Safe Working Load, SWL

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

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

END OF CERTIFICATE

