DNV·GL

Certificate No:
MEDB00000BZ

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS 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 22,5

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, 2015-11-05
for **DNV GL AS**

This Certificate is valid until
2020-01-23

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Sandefjord

Xiao Long Eric Song
Surveyor

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Product description

Rescue boat Release Hook with
- Safe Working Load, SWL = 22,5 tonnes

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.
- 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

Drawing No	Rev.	Title
HH007765	12.05.2014	HMKR 22,5T SF6
HH007764	12.05.2014	HMKG 22,5T SF6
HH087585	-3	Swivel top NOR15T
HH117600	-1	Lifting eye to swivel 1
HH117601	-1	Lifting eye to swivel 2
HH117603	-1	Bottomplate swivel
HH087607	-1	Swivel NOR15T
HH017584	-2	Krokemne NOR15T
HH047617	-2	Main bolt NOR15T
HH007543	-1	NORHMKR 15.0, MOB-Hook (NORSOK),
HH027613	-2	Sideplate2 NOR15T
HH007542	-1	NORHMKG 15.0, MOB-Hook (NORSOK),
HH027612	-2	Sideplate1 NOR15T

Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) carried out 2015-05-04 and witnessed by DNV GL 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
- Maximum 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 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.

END OF CERTIFICATE