

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, 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 Rigid rescue boats

with type designation(s)
MP 510 Springer

Issued to

Nils S. Hansen Mek. Verksted AS
HARØY, Norway

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

Annex A.1, item No. A.1/1.18 and Annex B, Module B in the Directive. SOLAS 1974 as amended, Reg. III/4 & III/34. IMO Res.MSC.48(66) as amended.

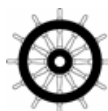
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-06-05**.

Issued at **Høvik** on **2016-06-06**

DNV GL local station:
Ålesund

Approval Engineer:
Helge Bjørnarå



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Job Id: **344.1-002705-5**
Certificate No: **MEDB000019M**

Product description

Rigid rescue boat with lifting slings.

Length:	5.10 m
Breadth:	2.72 m
Depth:	0.32 m
Weight of boat, fully equipped:	800 kg
Weight of boat, fully manned (82.5 kg/person):	1495 kg
Hook manufacturer and type:	-
Hook SWL:	-
Hull material:	Aluminium
Propulsion system:	Outboard engine
Engine manufacturer and type:	Evenrude 25 hk Commercial
Bollard pull:	-

Application/Limitation

Approved engine power: 30 kW

Number of persons, max: 6
Maximum load of persons (82.5 kg/person): 495 kg

- Bullard pull to be verified in compliance with the largest liferaft installed onboard.
- Rescue boat equipment and marking/instructions to be inspected after installation onboard the ship. Equipment shall comply with LSA Code and IMO Res. MSC.81(70).
- The various components transferring the load like wires, shackles, hooks etc. shall comply with international standard or code and shall be delivered with manufacturer's certificates confirming a safety factor of minimum 6 compared to the sustained load.
- The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82), IMO Res. MSC.272(85) and IMO Res. MSC.320(89).
- Production and installation testing shall be carried out according to IMO Res. MSC.81(70), Part 2.

Type Examination documentation

Basis for approval:	
Evaluation and test report for rescue boats, MP460 Springer, MP510 Springer, approved by NMD	1996-09-16
NMD type approval certificate for MP-510 Springer, J Nr, A95/11292/EOJ	-
Technical documentation	2000-10-10
List of drawings	2000-07-04
Sales specification for Rescue Boat, Type MP 510 Springer, no 960805	-
Test rapport MP-510 Springer conducted on behalf of Canadian Flag state	2002-02-08

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) Part 1, as amended by IMO Res. MSC.226(82), IMO Res. MSC.274(85), IMO Res. MSC.321(89) and IMO Res. MSC.323(89).



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Marking of product

The product is to be indelibly marked with name of manufacturer, type designation, dimensions and date of manufacture, according to LSA code item 4.4.1.2 and the mark of conformity. In addition, the manufacturer shall affix the Mark of Conformity followed by DNV Notified Body No. and the two last digits of the production year.

List of rescue boat equipment to be posted in the boat.