

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. 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 Fast rescue boats: rigid

with type designation(s)
MARE GTC 700 2VD

Issued to

MARE SAFETY AS
ULSTEINVIK, Norway

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

Regulation **(EU) 2015/559,**

Annex A.1, item No. A.1/1.20b and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation III/4, III/26, III/34, LSA Code and IMO MSC/Circ. 1016 & 1094

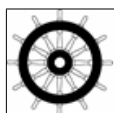
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-11-23**.

Issued at **Høvik** on **2016-11-24**

DNV GL local station:
Ulsteinvik

Approval Engineer:
Tessa Biever



Notified Body
No.: **0575**

for **DNV GL AS**

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Vidar Dolonen
Head of Notified Body

Job Id:
Certificate No: **MEDB00001Z9**

Product description

"Mare GTC 700 2VD" – a rigid fast rescue boat with single point lifting hook and inflatable bag for re-righting after capsizing.

Length over all, hull, max:	6.25 m
Length over all, w/waterjet	7.54 m
Draught:	0.50 m
Beam overall, including fenders, Bmax:	2.65 m - 2.85 m
Weight of boat, fully equipped:	2695 kg
Weight of boat, fully manned:	4290 kg
Hook manufacturer and types:	H. Henriksen Mek. Verksted A/S HMK 3.5 / HMK 5.0 / HMK 8.0 – off load
Hook SWL:	3500 kg / 5000 kg / 8000 kg
Hull material:	Aluminium
Propulsion system:	Inboard engine and waterjet
Engine types:	2 x Volvo D3 2 x Steyr 164 2 x YANMAR 4JH
Waterjet types:	Alamarin 230 Alamarin 245 Hamilton HJ213
Bollard pull:	6.5kN at 2 x 89kW 9.8kN at 2 x 118kW

Application/Limitation

Approved engine power:	2 x 111 kW (2 x Volvo D3) 2 x 118 kW (2 x Steyr 164) 2 x 89 kW (2x YANMAR 4JH)
Number of persons, max:	10
Maximum load:	1595 kg

Fast 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 fast rescue boat is fitted with a release hook without on-load release capabilities, in accordance with LSA Code 4.4.7.6.9. Hence, if it is to be combined with launching appliances with permanent high speed tensioning device (LSA Code 6.1.7.3), compatibility must be assured.

The normal equipment of the fast rescue boat to include a hands-free and watertight VHF radiocommunication set, in addition to the ones required on the bridge.

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 as amended.

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Type Examination documentation

MOB boat – GTC 700 specification, rev.2	2002-06-24
Drawings as per approval letter	2009-06-03 / 2014-03-24
Drawing GTC-700 - 2VD-100A (reduced fender arrangement)	2015-12-18
Prototype test reports witnessed by DNV	2002-06-17 2009-03-06 2011-10-27 2011-11-04

Tests carried out

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation, dimensions and date of manufacture, according to LSA code item 4.4.1.2.

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