

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 Norway.

This is to certify:

That the Fast rescue boats: rigid

with type designation(s)
MARE GTC 700

Issued to

MARE SAFETY AS
ULSTEINVIK, Norway

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773**,
item No. MED/1.20b. SOLAS 74 as amended, Regulation III/4, III/26, III/34, LSA Code and
IMO MSC/Circ.1006, 1016 & 1094

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

This Certificate is valid until **2024-03-26**.

Issued at **Høvik** on **2019-03-27**

DNV GL local station:
Ulsteinvik

Approval Engineer:
Jasna Jovovic-Lainis



Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body



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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-001297-66**
Certificate No: **MEDB0000531**

Product description

"Mare GTC 700" – 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:	0.40 m
Beam overall, including fenders, Bmax:	2.85 m
Weight of boat, fully equipped:	2175 kg
Weight of boat, fully manned (82.5 kg/person):	3000 kg
Hook manufacturer and type:	HMK 3.5 /5.0 /8.0, NORHMK 5, off-load
Lifting arrangement max. WL:	3000 kg
Hull material:	Aluminium
Propulsion system:	Inboard engine with waterjet
Engine manufacturer and type:	Volvo D3-190 Volvo D4-225 Steyr 236 Steyr 256 Yanmar 4LHA-STP
Waterjet type:	Alamarin 230 Alamarin 245 Hamilton 213
Bollard pull:	5.0 kN with 143 kW engine 6.5 kN with 179 kW engine

Application/Limitation

Approved engine power:	143 kW (Volvo D3-190) 165 kW (Volvo D4-225) 170 kW (Steyr 236) 179 kW (Steyr 256) 177 kW (Yanmar 4LHA-STP)
Number of persons, max:	10
Maximum load of persons (82.5 kg/person):	825 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 4.4.7.6.17. 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) as amended, Part 2.

Type Examination documentation

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Basis for approval:
Prototype test report approved by DNV 2002-06-17
MOB boat – GTC 700 specification, rev.2, 2002-06-24
Drawings as per approval letter 2009-03-31 /2014-03-24

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).

Marking of product

The product is to be indelibly marked with name and address of manufacturer, boat model and serial number, month and year of manufacturer, number of persons approved for and operational restrictions, if any, according to LSA code item 4.4.1.2 and the mark of conformity (see page 1).

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