

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive 2014/93/EU. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

This is to certify:

That the Winches for survival craft and rescue boats

with type designation(s)

Fast Rescue Boat Winch type ZR 4.15

Issued to

Zollern GmbH & Co. KG

Herbertingen Baden-Württemberg, Germany

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

Annex A.1, item No. A.1/1.41e and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

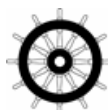
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-02-25**.

Issued at **Hamburg** on **2016-02-26**

DNV GL local station:
Augsburg

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
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 Council Directive 96/98/EC, as amended.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment.

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: **344.1-005233-2**
Certificate No: **MEDB00000UK**

Product description

Fast rescue boat winch type ZR 4.15

Application/Limitation

None

Type Examination documentation

Tests carried out

according IMO-Resolution MSC.81(70), amended tp to MSC.321(89) and MSC.323(89), Part 1, Regulation 8.1

Type Test Report ZR 4.15 dated 2016-01-21
Test Report 27694 AB Rev. 02 dated 2015-09-25