DNV·GL

Certificate No:
MEDB00001V4

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Winches for survival craft and rescue boats

with type designation(s)
1723 TN 5000

Issued to
Industrias Ferri, S.A.
Gondomar, SPAIN

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/1.41d. 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 **2022-07-12**.

Issued at **Hamburg** on **2017-07-13**

DNV GL local station:
Vigo

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 Directive 2014/90/EU.
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. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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Product description

Rescue Boat Winch Type 1723 TN 5000

Application/Limitation

Nominal pull at the drum (3. rope layer) : 49kN
Holding load at the drum (3. rope layer) : 49kN
Rope diameter : 18mm
Drive : electric, 50kW

Type Examination documentation

Drawing No.	*Rev. No.*	*Sheets*	*Drawing Title*
1723-3504-0002		1	GEARBOX
1723-5000-0000-2		2	ELECTRIC WINCH
1723-5000-0010		1	PLATE OF ELECTRIC WINCH
1723-5000-0100-1		2	FRAME OF ELECTRIC WINCH
1723-5000-0200-2		2	DRUM
1723-5000-0400-2		2	MOTOR-BRAKE
1723-5000-0480		1	ELECTRIC MOTOR ASSEMBLY
9610-2500-2000		1	ELECTRIC MOTOR CHARACTERISTICS
1723-5000-0100-2		1	FRAME OF ELECTRIC WINCH
1723-5000-0000		1	ELECTRIC WINCH, part list

Tests carried out

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

Type Test Report No.: PH/1816-5001 dated 2010-07-07
Type Test Report No.: PH/1816-5001 ANNEX dated 2010-09-02