

EC Type-Examination (Module B)

Directive for Marine Equipment

Certificate No.: **DK-0200-MarED-0010 version 2**

Issued by FORCE Certification A/S - EC-notified body number 0200

This is to certify that: FORCE Certification A/S did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC, as amended, last amended by Directive 2012/32/EU, (8th Amendment) subject to any conditions in the schedule attached hereto.

Applicant and
Manufacturer: **Thanner A/S**
Randersvej 8-10
DK-6700 Esbjerg
Denmark

Identification of Marine Equipment:

Annex 1.A Item: Life Saving Appliances
Product Type: **Hook for release of lifeboats and rescueboats**
Designation: **IRB and IRB-C**
Specified Standard: **LSA code MSC.48(66) adopted on 4 June 1996 and MSC.81(70) adopted on 11th December 1998**
(Tested in accordance with):

Amendments to LSA code:	Amendments to testing methods:
MSC.207(81) adopted on 18 May 2006	MSC.200(80) adopted on 13 May 2005
MSC.218(82) adopted on 8 December 2006	MSC.226(82) adopted on 8 December 2006
	MSC.323(89) adopted on 20 May 2011

The examined samples are found to fulfil the requirements stated in:
The International Testing Standard IMO Res. MSC.81(70) and the applicable reg. SOLAS 74 as amended, where the relevant requirements are specified in ANNEX A.1, item A.1/1.26 of The Directive.

This certificate will remain valid unless cancelled or revoked, provided the conditions in the attached appendix are complied with and the equipment remains satisfactory in service.

The certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reappraised prior to it/they being placed on board vessels to which the amended regulations or standards apply.

This certificate replaces former EC-type examination certificate DK-0200-MarED-0010 version 1 dated 2008-08-12

FORCE Certification A/S task No.: 114-21471

Date of issue: 2014-06-19

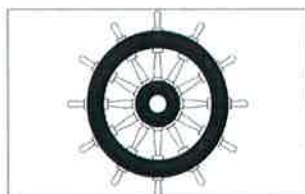
Date of expiry: 2019-06-19



Niels Ovesen
Certification manager



Jonas L. Jensen
Examiner



The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity may only be issued when the production/product assessment module (D, E or F), ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Extracts from this EC Type-Examination Certificate may only be reproduced with a written permission from FORCE Certification A/S

Appendix to EC Type-Examination Certificate
Directive for Marine Equipment

Certificate No.: DK-0200-MarED-0010 version 2
Issued by FORCE Certification A/S - EC-notified body number 0200

**Applicant and
Manufacturer:** Thanner A/S,
Randersvej 8-10,
DK-6700 Esbjerg,
Denmark

Identification of Marine Equipment:

Annex 1.A Item: Life Saving Appliances
Product Type: Hook for release of lifeboats and rescueboats
Designation: IRB and IRB-C

Design: According to drawing:
IRB 94-067, dated 10.05.1999: "List of Part" including all stated detail drawings
IRB 94-200, dated 24.08.1994: "List of Part" including all stated detail drawings



Appendix to EC Type-Examination Certificate

Directive for Marine Equipment



Certificate No.: DK-0200-MarED-0010 version 2

Issued by FORCE Certification A/S - EC-notified body number 0200

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History:

Issue/change:

Document:

Date:

- Original certificate

DK-0200-F.010

2000-08-11

- English translation

DK-0200-F.010

2000-08-11

- Expiry date and new identification number

DK-0200-MarED-010 version 1

2008-08-12

- New expiry date

DK-0200-MarED-010 version 2

2014-06-19

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Documentation for observance of relevant requirements:

Description	Test House	File No.	Date
Inspection report	Lloyds Register	ESB 400878/1/A.1	1994-08-11
Test report over tests carried out with Norpol release hooks	Danish Maritime Authority	Y19-18MUEMK	1988-09-16
Function test	Danish Maritime Authority		1987-10-08
Test report	Danish Maritime Authority		1987-10-07
Audit report	FORCE-Dantest CERT	80.936.1-003/99	1999-11-10

Partial Conclusion

The examined samples are found to fulfil the requirements in the International Testing Standard IMO Res. MSC.81(70) and the applicable regulations of SOLAS 74, as amended, specified in ANNEX A.1, item A1/1.26 of the Directive, as well as the requirements in ANNEX B (Module B) of the Directive.

The following documentation was available:

Module B: Instruction manual "IRB 94-068", above-mentioned drawings, above-mentioned test reports & Quality handbook


Description of quality management system: Module D certificate - DK-0200-MarED-QA-209 version 1

Conclusion

Based on the above mentioned attestation it can be concluded that the hooks designated, "IRB" and "IRB-C", meet the conditions of EC type-examination in accordance with the Act No. 983 dated October 9th 2012 from the Danish Maritime Authority.

FORCE Certification A/S task No.: 114-21471

Date: 2014-06-19


Jonas L. Jensen
Examiner