

# LIFE-SAVING APPLIANCE CERTIFICATE

*This LSA is manufactured in accordance with Chapter III of the International Convention for the Safety Of Life At Sea (SOLAS), 1974 as amended and IMO Resolution MSC.48(66). EC-type examined by the See-Berufsgenossenschaft (See-BG). The LSA is tested and inspected according to IMO Resolution MSC.81(70) part 2, section 5.3.1 and 5.3.3 for Life- and Rescueboats respectively 5.3.2 and 5.3.3 for Free Fall Boats, and to ISO 9001 assessed Quality Assurance System of Norsafe a.s.*

Build no.	16185	Month/year of production	July 2007	Norsafe ord.no.4042
Boat type	7,5 M Magnum			
Version	Ridgid Fast Rescueboat			
Regulation	IMO Resolution MSC.48(66), LSA Code Chapter V, Rescueboats			
Approval no.	See-BG approval no.405.005			

Engine type	Yanmar 4LHA-STP	Serial no.:	58568		
Propulsion	Hamilton 213	Serial no.:	1064		
Air cylinders	N/A	Serial no.			
Lifting arrangement	NorsafeK4/FM Frame: Serial 5018	Serial no.	1496	Test load	10,0 T.
		Serial no.		Test load	4,0 T.
				S.W.L.	
				S.W.L.	

Dimensions (LxBxH)	7,70 X 2,90 X 2,04 M.	No. of persons	15
Weight with equipment	2.300 kg	Total davit load	3.425 kg
Volume of buoyancy matr.	3.133,4 dm <sup>3</sup>	Buoyancy material :	Elastopor H 1700/11
Hull material	GRP with Fire Retardant Polyester Resin		

Delivered to	Survival Training Maritime System	Date:	29.07.07
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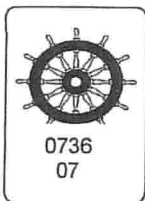
Per Morten Salshaug

Boatbuilder signature

R. Skjott

Norsafe QC inspector signature

*This is to certify that this LSA is built in accordance to the the International Convention for Safety Of Life At Sea (SOLAS) 1974 as amended. IMO Res. MSC. 81(70) Part 1, section 6 and that the manufacturer is subject to random inspection in accordance with IMO Res. MSC. 81(70) part 2, section 1.1.*



Stamp:

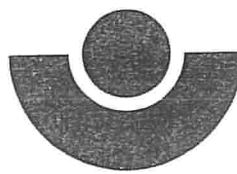
Norsafe as

Onboard test place :	Date :
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Classification society signature:

Stamp :

Address : P.O. BOX 115 N-4852 FÆRVIK NORWAY	Phone : + 47-37 05 85 00 Fax. no: + 47-37 05 85 01
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See-Berufsgenossenschaft  
Prüf- und Zertifizierungsstelle  
im BG-PRÜFZERT

European notified body  
Identification number 0736

## EC-Type Examination (Module B) Certificate

Certificate-No. 405.005

Name and address of the manufacturer: Norsafe as, P.O.Box 115, 4852 Faervik, Norway

Date of issue: 16.11.2004

Annex A.1 Item No & Item designation: A.1/1.20 - Fast rescue boats

Product designation: rigid fast rescue boat of glassfibre-reinforced polyester with inboard diesel engine

Product Type: 7.5 m „Magnum“

Intended purpose: Number of persons: 15

This rescue boat may be used on all type of ships.

Testing based on (Specific standard): Resolution MSC.81(70) as amended

Remarks: The type approval tests carried out on 13. + 14.04.94, 17.11.97 and 25.09.98 under the presence of an USCG - surveyor (1994) and a surveyor of LR (1997/1998).

The type tested was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2002/75/EC subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D** of this directive.

Expiry date: 30.11.2009

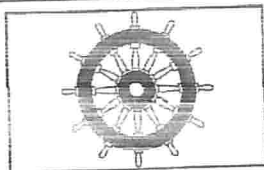
  
Signature (Lange)

The approval of the installed equipment will be in force beyond the validity date until it is revoked!

**Note 1:** This 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.

**Note 2:** Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

**Note 3:** 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 control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.



xxxx/yy

**Note 4: "Wheelmark" Format**  
YY Last two digits of year mark affixed.  
XXXX Notified Body number undertaking surveillance module



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Postfach 11 04 89  
20404 Hamburg

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Reimerstwierte 2  
20457 Hamburg

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in any case, the German original shall prevail.

## WORKS TEST CERTIFICATE FOR LSA

Boat type : <b>7,5 M Magnum</b>	Version: <b>Passenger / Dry Cargo Tank/Rescue/Fast Rescue</b>
Building no: <b>16185</b>	Regulation LSA-Code: <b>Section 5</b>

This testing procedure follows the requirement of Chapter III, SOLAS 1974 as amended. Using IMO Resolution MSC.81(70) part 2, sections 5.3.1 and 5.3.3 for Life- and Rescueboats, respectively 5.3.2 and 5.3.3 for Free Fall Lifeboats, and to ISO 9001 assessed Quality Assurance System of Norsafe as.

### TEST 1. RELEASE MECHANISM TEST

IMO Resolution MSC. 81(70) part 2, Section 5.3.1.

"This davit-launched lifeboat/rescueboat has been loaded to 1.1 times its related load and suspended from its release mechanism. The lifeboat/rescueboat was then released with the load on the release mechanism. It is also confirmed that the lifeboat/rescueboat will release when fully waterborne in the light condition and in a 10% overload condition."  
(NB! Not for Rescueboats equipped with slings or Off-Load hook system).

### TEST 2. ENDURANCE TEST 2 HOURS

IMO Resolution MSC. 81(70) part 2, Section 5.3.3.

"Each lifeboat/rescueboat has been operated for at least 2 h before it was installed on the ship. The test has included operations of all systems, including operation of transmission through all of its positions."

It is hereby declared that the tests mentioned above have been performed successfully prior to shipment from Norsafe. For free fall boats, only test 2 have been performed. Test 1 is replaced by on board test with the boat loaded to 1.1 \* SWL and launched into free fall according to Section 5.3.2.

Norsafe as  
Signature & Stamp

*R. Schatz*

Date : 30.08.2007

