



EC Type Examination Certificate

GL Luxembourg

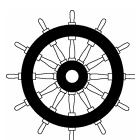
of a Notified Body within the meaning of Article 9 of the Marine Equipment Directive 96/98/EC of 20 December 1996.

This is to certify that the equipment identified below has been tested in accordance with the relevant type approval procedures of the Marine Equipment Directive (MED) 96/98/EC, as amended, and was found in compliance with requirements of the specified standards contained therein subject to any conditions on the schedule attached hereto.

Certificate No.	44 491 - 07 Lux
Applicant	Ningbo Jiangdong Ruanshi Lifesaving Equipment Factory Area G 14 Lianhe Industry Zone Xiaogang Ningbo 315040, P.R. CHINA
Manufacturer	Ningbo Jiangdong Ruanshi Lifesaving Equipment Factory Area G 14 Lianhe Industry Zone Xiaogang Ningbo 315040, P.R. CHINA
Product Description	Inflatable Liferafts, throw over-board type, SOLAS Type A emergency Pack
Product Type	CRVF A6, A10, A15, A20, A25
Trade Name	None
Specified Standards	SOLAS 74 as amended Reg. III/21.1, III/31.1 and III/34, LSA-Code 4.1, 4.2, IMO Res. MSC 81(70) MSC/Circ.811 2000 HSC Code 8.1, 8.5, 8.6, 8.7 and 8.10
Related Directive	2002/75/EC
Equipment Section	Life-saving appliances
Item No.	A.1/1.12
Conformity Assessment Module	B
Valid until	2012-03-07

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Schedule of Approval

Documents

- Test report (MSC/Circ.980) from GL Ningbo dated 2006-11-23
- Test reports S170-GW-32-2006 and S170-DW-50-2006 from China Shipbuilding Industry Corporation 704 Research Institute Marine Environmental Engineering and Reliability Laboratory dated 2006-09-26
- Audit report No. ASEA-SHA-05-00 from GL Ningbo dated 2007-01-30
- Design Calculation JR/QD-02A-205 with 6 pages of drawings
- Operation Instructions and Servicing Manual

Technical Data

Conditions of Certification:

Type:	Persons	Weight [kg] SOLAS A	Required bollard pull [kN]		max. Stowage Height
			(2 kn)	(3 kn)	
CRVF-A 6	6	70.5	0.7	1.2	30 m
CRVF-A10	10	88	0.9	1.2	30 m
CRVF-A15	15	127	0.7	1.1	30 m
CRVF-A20	20	148	0.9	1.3	30 m
CRVF-A25	25	174	0.8	1.3	30 m

1. The equipment and marking of the liferaft shall be in accordance with LSA-Code 4.1.5.
2. The liferafts are to be serviced annually at approved service stations which are authorised by the manufacturer.
3. Production tests are to be conducted in accordance with IMO Resolution MSC.81(70) Part 2 and recorded by the manufacturer in accordance with the approved Production Quality Assurance system for Module D of the Marine Equipment Directive 96/98/EC as amended.

Remarks

None

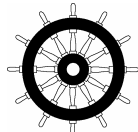
Note:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer must inform the Notified Body named on this certificate of any modifications or changes to the approved product in order to obtain a valid certificate.

Should the specified standards be amended during the validity of this certificate, the product is to be re-approved prior to being placed on board the vessel to which the amended standards apply.

The mark of conformity may only be affixed to the above type approval 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.

Wheelmark Format:



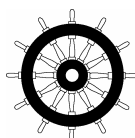
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Notified Body identification number undertaking surveillance module
Last two digits of year mark affixed

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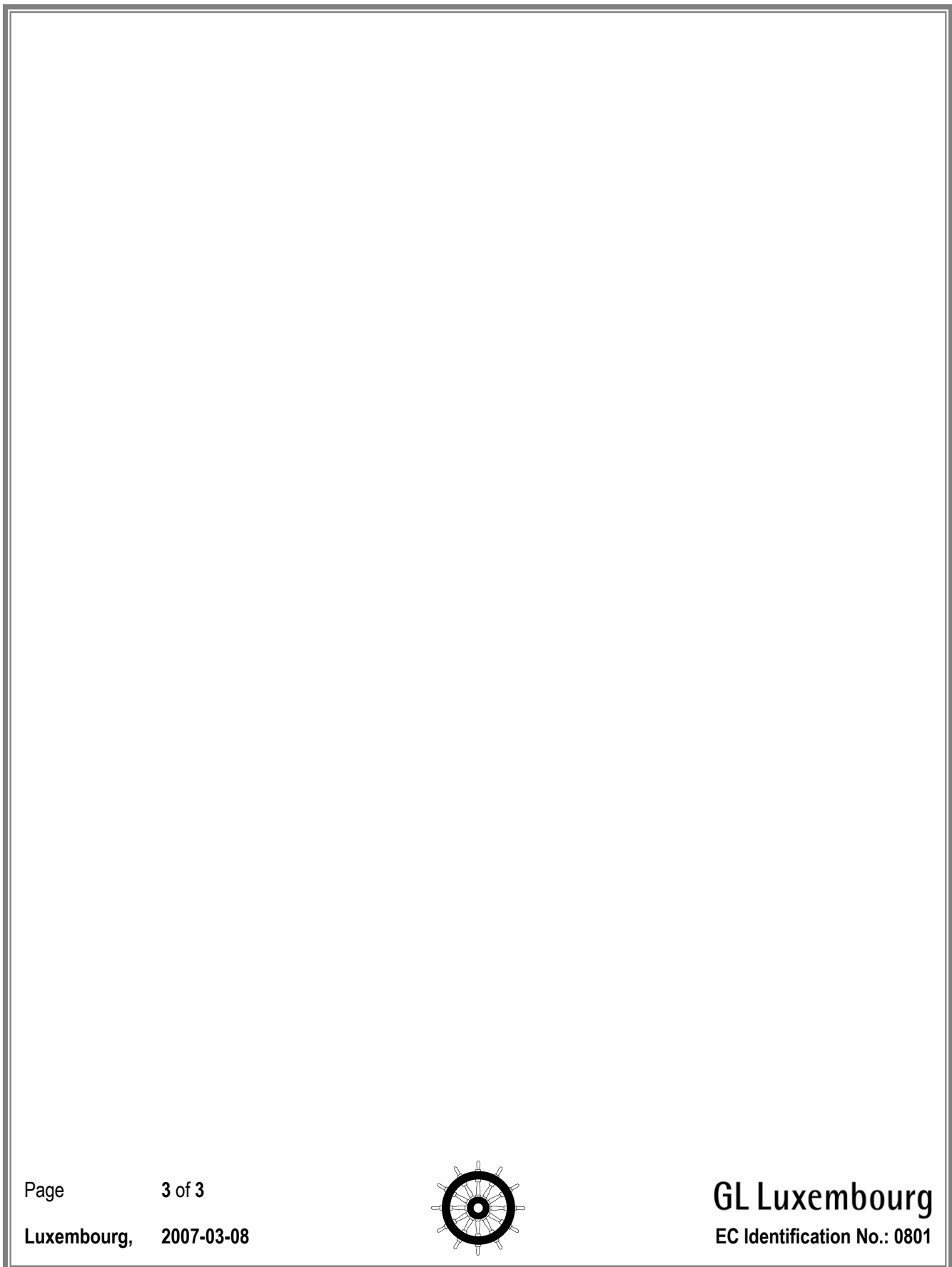


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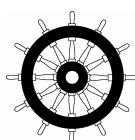


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