

# EC Certificate Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No. 95 015 - 10 HH

Applicant **Shanghai Youlong  
Rubber Products Co., Ltd.  
20, Xinchun Village, Chuansha Town Pudong New Area  
Shanghai 201205, P.R. CHINA**

Manufacturer **Shanghai Youlong  
Rubber Products Co., Ltd.  
20, Xinchun Village, Chuansha Town Pudong New Area  
Shanghai 201205, P.R. CHINA**

Product Description **Inflatable liferafts, KHA throw over-board raft SOLAS A and B Pack**

Product Name **KHA-12, KHA-16**

Trade Name **YOULONG / SEA SAFE / DUARRY / UNITOR**

Specified Standards **SOLAS 74 as amended Reg. III/13, 21, 26, 31 and 34,  
LSA-Code I,IV, MSC/Circ.811,  
1994 and 2000 HSC Code Chapter 8,  
IMO Res. MSC 81(70), MSC.207(81), MSC.218(82), MSC.226(82), MSC.295(87),  
MSC.323(89)**

Related Directive **2012/32/EU**

Equipment Section **Life-saving appliances**

Annex A.1 Item No. **A.1/1.12**

Date of Re-issue **2014-05-09**

Expiry Date **2019-05-08**

**Germanischer Lloyd**

Notified Body No.: 0098



  
Sven Dudszus



Certificate No: 95 015 - 10 HH      Date of Re-issue: 2014-05-09

## Schedule of Approval

### Additional Standards

ISO15738 (2002)

### Approval Documentation

Test reports: Germanischer Lloyd Shanghai 80623 SHA of 2003-12-18 and 93309 SHA of 2007-07-12, 97424 SHA of 2008-07-21 and 11680 SHA 09, GL SHA dated 2010-05-14, GL SHA dated 2011-07-11, GL SHA dated 2013-11-13, Module D Audit by GL-SHA dated 2013-12-18

Drawings: KHA-12-00/01/02/03, KHA-16-00/01/02/03

### Technical Data

#### Conditions of Certification:

Max. Stowage Height: 50 m

Type:	Persons	Weight [kg]		Required bollard pull [kN]	
		SOLAS A	SOLAS B	(2 kn)	(3 kn)
KHA-12	12	109	87	0,55	0,90
KHA-16	16	132	102	0,65	0,95

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.



**Certificate No:** 95 015 - 10 HH    **Date of Re-issue:** 2014-05-09

**Remarks**

None

**Limitations on the acceptance or use of the product**

None

**Notes:**

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or 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.



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.

# EC Certificate of Conformity Quality System (Module D)



Germanischer Lloyd as the notified body, notified by the German Federal Ministry of Transport, Building and Urban Development, performing the quality assessment procedures certifies that the manufacturer maintains and applies a quality system which is in compliance with the requirements of the Marine Equipment Directive (MED) 96/98/EC, as amended, ensuring that the equipment identified below is conform to the type as described in the EC Type Examination Certificate, subject to any conditions in the annex attached hereto.

Certificate No. **95 018 - 10 HH**

Manufacturer **Shanghai Youlong  
Rubber Products Co., Ltd.  
20, Xinchun Village, Chuansha Town Pudong New Area  
Shanghai 201205, P.R. CHINA**

Scope:

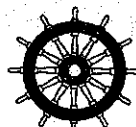
- A.1/1.12 Inflatable liferafts**
- A.1/1.14 Automatically self-righting liferafts**
- A.1/1.39 Open reversible liferafts**

Related Directive **2012/32/EU**

Date of Re-issue **2014-05-12**

Expiry Date **2019-05-11**

**Germanischer Lloyd**



**Sven Dudszus**

Notified Body No.: 0098



Certificate No: 95 018 - 10 HH      Date of Re-issue: 2014-05-12

**Remarks**

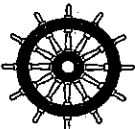
None

**Notes:**

This certificate authorises the manufacturer in conjunction with the EC Type Examination (Module B) Certificate of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate and/or after lapse of time, withdrawal or revocation of the EC Type Examination (Module B) Certificate.

**Wheelmark Format and application:**



0098/yy

0098  
yy

Notified Body number undertaking quality surveillance  
Last two digits of year in which the mark is affixed



Annex to  
 Certificate No: 95 018 - 10 HH      Date of Re-issue: 2014-05-12

Item	Item Description			
	Product Name			
	Trade Name			
	Module B No.	Date of issue	Date of expiry	Notified Body
	USCG Approval No.	Comment to USCG Approval (if applicable)		
A.1/1.12	<b>Inflatable liferafts</b>			
	<b>KHD-12, KHD-15, KHD-16, KHD-20, KHD-25</b>			
	YOULONG / SEA SAFE / DUARRY / UNITOR			
	95 019 - 10 HH	09.05.2014	08.05.2019	0098
	<b>KHA-12, KHA-16</b>			
	YOULONG / SEA SAFE / DUARRY / UNITOR			
A.1/1.14	<b>Automatically self-righting liferafts</b>			
	<b>KHZ-50</b>			
	YOULONG / SEA SAFE / DUARRY / UNITOR			
	95 016 - 10 HH	09.05.2014	08.05.2019	0098
	<b>KHZD-25, KHZD-37</b>			
	YOULONG / SEA SAFE / DUARRY / UNITOR			
A.1/1.39	<b>Open reversible liferafts</b>			
	<b>KHK-6, KHK-10, KHK-25, KHK-30, KHK-50, KHK-65, KHK-100</b>			
	YOULONG / SEA SAFE / DUARRY / UNITOR			
	20 223 - 11 HH	09.05.2014	08.05.2019	0098