

# EC Certificate Type Examination (Module B)



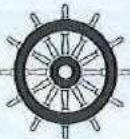
This is to certify that:

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.	95 019 - 14 HH
Applicant	Auxiliar de Seguridad en la Mar S.A.  Plaza de Espana 9 28008 Madrid, SPAIN
Manufacturer	Auxiliar de Seguridad en la Mar S.A.  Plaza de Espana 9 28008 Madrid, SPAIN
Product Description	Inflatable Liferafts (throw over-board type)
Product Name	TOB 6/8/10/12/15/16/20/25/30/35
Trade Name	DUARRY TOB 6/8/10/12/15/16/20/25/30/35
Specified Standards	SOLAS 74 as amended Reg. III/4, III/13, III/21, III/26, III/31, III/34 and X/3, LSA-Code I and IV, IMO Res. MSC.81(70), MSC/Circ.811, 1994 and 2000 HSC Code 8,
Related Directive	2012/32/EU
Equipment Section	Life-saving appliances
Annex A.1 Item No.	A.1/1.12
Date of Re-issue	2014-04-01
Expiry Date	2019-03-31

Germanischer Lloyd

Notified Body No.: 0098



Nils Wegener

## Schedule of Approval

### Additional Standards

MSC.207(81), MSC.218(82), MSC.226(82) and MSC.295(87), MSC.323(89) and ISO 15738 (2002)

### Approval Documentation

Test report from GL Zhoushan date 2011-06-10 and 2012-09-06

Audit report from GL Zhoushan dated 2010-12-30 with ref.11-097571 and from 2012-10-23 with ref. 13-006161; Audit report GL-Barcelona ref.14-009792

Drawings, blue prints and documentation for DUARRY TOB models,

### Technical Data

#### Conditions of Certification:

Type:	Persons (82,5 kg)	Weight [kg]		Required bollard pull [kN]		max. Stowage Height
		SOLAS A	SOLAS B	(2 kn)	(3 kn)	
TOB-6	6	76	66	0.30	0.80	50 m
TOB-8	8	85	73	0.35	0.90	50 m
TOB-10	10	98	82	0.40	0.90	50 m
TOB-12	12	108	92	0.45	0.95	50 m
TOB-15	15	122	97	0.50	1.30	50 m
TOB-16	16	127	100	0.70	1.50	50 m
TOB-20	20	149	120	0.80	1.80	50 m
TOB-25	25	178	135	1.00	1.85	50 m
TOB-30	30	205	140	1.10	2.00	50 m
TOB-35	35	223	148	1.30	2.40	50 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, provided where in any case this is impracticable, the administration may extend this period to 17 month. They shall be serviced 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 2011/75/EU as amended.

#### Remarks

The liferafts TOB-30 and TOB-35 with SOLAS emergency pack type A have a mass of 205 kg / 223 kg and may not be used for positions where side to side transferability is required.

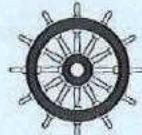
#### Limitations on the acceptance or use of the product

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 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.	95 020 - 14 HH
Applicant	Auxiliar de Seguridad en la Mar S.A.  Plaza de Espana 9 28008 Madrid, SPAIN
Manufacturer	Auxiliar de Seguridad en la Mar S.A.  Plaza de Espana 9 28008 Madrid, SPAIN
Product Description	Inflatable Liferafts (davit launched type)
Product Name	DL 12/15/16/20/25
Trade Name	DUARRY DL 12/15/16/20/25
Specified Standards	SOLAS 74 as amended Reg. III/4, III/13, III/21, III/26, III/31, III/34 and X/3, LSA-Code I and IV, IMO Res. MSC.81(70), MSC/Circ.811, 1994 and 2000 HSC Code 8,
Related Directive	2012/32/EU
Equipment Section	Life-saving appliances
Annex A.1 Item No.	A.1/1.12
Date of Re-issue	2014-04-01
Expiry Date	2019-03-31

Germanischer Lloyd

Notified Body No.: 0098



Nils Wegener

## Schedule of Approval

### Additional Standards

MSC.207(81), MSC.218(82), MSC.226(82) and MSC.295(87), MSC.323(89) and ISO 15738 (2002)

### Approval Documentation

Test report from GL Zhoushan date 2012-09-07

Audit report from GL Zhoushan dated 2012-10-23 with ref. 13-006161,

Audit report of GL Barcelona ref. 14-009792

Drawings, blue prints and documentation for DUARRY DL models,

### Technical Data

#### Conditions of Certification:

Type:	Persons (82,5 kg)	Weight [kg]		Required bollard pull [kN]		max. Stowage Height
		SOLAS A	SOLAS B	(2 kn)	(3 kn)	
DL-12	12	80	65	0.98	1.05	50 m
DL-15	15	150	115	1.0	1.6	50 m
DL-16	16	160	125	1.2	1.7	50 m
DL-20	20	208	165	1.45	1.9	50 m
DL-25	25	239	185	1.5	2.4	50 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, provided where in any case this is impracticable, the administration may extend this period to 17 month. They shall be serviced 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 2011/75/EU as amended.

**Remarks**

The liferafts DL-20 and DL-25 with SOLAS emergency pack type A have a mass of 208 kg / 239 kg and may not be used for positions where side to side transferability is required.

**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 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. **95 021 - 14 HH**

Applicant **Auxiliar de Seguridad en la Mar S.A.**

**Plaza de Espana 9  
28008 Madrid, SPAIN**

Manufacturer **Auxiliar de Seguridad en la Mar S.A.**

**Plaza de Espana 9  
28008 Madrid, SPAIN**

Product Description **Open reversible liferafts (throw over-board type)**

Product Name **ORIL 6/10/25/30/50/65/100**

Trade Name **DUARRY ORIL 6/10/25/30/50/65/100**

Specified Standards **SOLAS 74 as amended Reg. III/4, III/13, III/21, III/26, III/31, III/34 and X/3,  
LSA-Code I,  
1994 and 2000 HSC Code 8, Annex 10 and 11,**

Related Directive **2012/32/EU**

Equipment Section **Life-saving appliances**

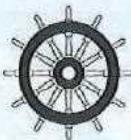
Annex A.1 Item No. **A.1/1.39**

Date of Issue **2014-04-01**

Expiry Date **2019-03-31**

**Germanischer Lloyd**

Notified Body No.: 0098



*Nils Wegener*

## Schedule of Approval

### Additional Standards

MSC.207(81), MSC.218(82), MSC.226(82) and MSC.295(87)

### Approval Documentation

Test report from GL Zhoushan date 2011-06-10,  
Audit report from GL Zhoushan dated 2010-12-30 with ref.11-097571,  
Audit report GL Barcelona ref. 14-009792,  
Drawings, blue prints and documentation for DUARRY OR models,

### Technical Data

#### Conditions of Certification:

Type:	Persons (82,5 kg)	Weight [kg] HSC pack	Required bollard pull [kN] (2 kn)	Required bollard pull [kN] (3 kn)	max. Stowage Height
ORIL-6	6	49	0.40	0.90	10 m
ORIL-10	10	56	0.50	1.00	10 m
ORIL-25	25	92	0.75	1.50	10 m
ORIL-30	30	109	1.00	1.90	10 m
ORIL-50	50	168	1.50	2.10	10 m
ORIL-65	65	215	1.70	2.65	10 m
ORIL-100	100	293	2.15	5.00	10 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, provided where in any case this is impracticable, the administration may extend this period to 17 month. They shall be serviced 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 as amended.

Certificate No: 95 021 - 14 HH      Date of Issue: 2014-04-01

**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. **95 022 - 14 HH**

Manufacturer **Auxiliar de Seguridad en la Mar S.A.**  
**Plaza de Espana 9**  
**28008 Madrid, SPAIN**

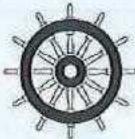
Scope:

**A.1/1.12** Inflatable liferafts  
**A.1/1.39** Open reversible liferafts

Related Directive **2012/32/EU**

Date of Issue **2014-04-01**

Expiry Date **2019-03-31**



**Germanischer Lloyd**

Notified Body No.: 0098

*Nils Wegener*

Certificate No: 95 022 - 14 HH Date of Issue: 2014-04-01

**Remarks**

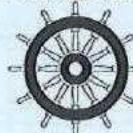
None

**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: 95 022 - 14 HH Date of Issue: 2014-04-01

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	Inflatable liferafts			
	DL 12/15/16/20/25			
	DUARRY DL 12/15/16/20/25			
	95 020 - 14 HH	01.04.2014	31.03.2019	0098
	TOB 6/8/10/12/15/16/20/25/30/35			
	DUARRY TOB 6/8/10/12/15/16/20/25/30/35			
	95 019 - 14 HH	01.04.2014	31.03.2019	0098
A.1/1.39	Open reversible liferafts			
	ORIL 6/10/25/30/50/65/100			
	DUARRY ORIL 6/10/25/30/50/65/100			
	95 021 - 14 HH	01.04.2014	31.03.2019	0098