

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB0001N83
Revision no.:
0

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **Inflatable liferafts**

with type designation(s)

SMLR-A-6-(I), SMLR-A-8-(I), SMLR-A-10-(I), SMLR-A-12-(I), SMLR-A-16-(I), SMLR-A-20-(I), and SMLR-A-25-(I)

issued to

Shanghai Star Rubber Products Co., Ltd.
4968, Sichen Highway Songjiang District
Shanghai, 201602
China,

is found to comply with the Regulation (UK) **MSN 1874 Amendment 11** for
Item no. **UK/1.12 (Row 2 of 2)**

according to the following requirements:

SOLAS 74 Reg. III/13, SOLAS 74 Reg. III/21, SOLAS 74 Reg. III/26, SOLAS 74 Reg. III/31, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) IV, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.811, IMO MSC.1/Circ.1630/Rev.2, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3

(Manufacturers authorised representative)

Seago Yachting Ltd
Hailsham, Deanland Business Park, Deanland Road, BN27 3RP, United Kingdom

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-04-21**

Expiry date: **2031-04-20**



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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DNV local unit:
Shanghai

Approval Engineer:
Tessa Biever



Approved Body No.: 0097

for **DNV UK Ltd.**

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Christine Mydlak-Röder
MER Service Responsible

Product description

'SMLR-A-6-(I), SMLR-A-8-(I), SMLR-A-10-(I), SMLR-A-12-(I), SMLR-A-16-(I), SMLR-A-20-(I), and SMLR-A-25-(I)', Are throw-over-board, inflatable liferafts available with SOLAS A or B Pack and fitted in a cylindrical or rectangular container.

Trade names: CSM, OCEAN SOLAS, SEAGO

Application/Limitation

The liferaft shall be packed with a SOLAS A PACK or SOLAS B PACK.

Gas cylinders shall be of an approved type.

Components in the gas inflation system should be approved according to ISO 15738:2019.

The liferaft is intended to be installed with external weak link and a hydrostatic release unit. Float free arrangement to be checked upon installation on board.

The liferafts which have a mass above 185 kg may not be used for positions where side to side transfer is necessary.

The design assessment is based on International Life-Saving Appliances (LSA) Code, IMO Res. MSC 48(66) as amended by IMO Res. MSC.218(82), IMO Res. MSC.293(87) and IMO Res. MSC. 481(102).

Production testing shall be carried out according to IMO Res. MSC.81(70) Part 2 as amended.

Please see Appendix: Application/Limitation

Type Examination documentation

Tests carried out

Prototype tests and test reports in accordance with the Recommendations on Testing of Life-Saving Appliances, IMO Res.MSC.81(70) Part 1, including IMO Res.MSC.218(82), MSC.226(82), MSC.295(87), MSC.323(89) and IMO Res. MSC. 481(102) - Type II, have been witnessed and found to be in compliance.

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, date of manufacture and the Mark of Conformity (see first page).

The marking shall comply with the LSA Code (IMO Res. MSC 48(66) item 4.2.6 and 4.2.7.

APPENDIX

Application/Limitation

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Cylindrical Model

Type	Persons (82.5kg)	Weight [kg] SOLAS A /B	Required bollard pull [kN]		Maximum stowage height (m)
			2 kn	3 kn	
SMLR-A-6-(I)	6	84 / 60	0.5	0.8	50
SMLR-A-8-(I)	8	97 / 62	0.7	1.1	50
SMLR-A-10-(I)	10	113 / 73	0.8	1.3	50
SMLR-A-12-(I)	12	121 / 82	1.1	1.4	50
SMLR-A-16-(I)	16	148 / 98	1.1	1.6	50
SMLR-A-20-(I)	20	181 / 118	1.5	1.8	50
SMLR-A-25-(I)	25	206 / 124	1.6	2.1	50

The liferaft is approved for use with a round container type (GRP/MQ-1-WG, GRP/MQ-63-WG, GRP/MQ-2-WG, GRP/MQ-64-WG, GRP/MQ-3-WG or GRP/MQ-4-WG) and is provided with a single gas-cylinder inflation system. The liferaft SMLR-A-25-(I) (SOLAS A pack) has a mass above 185 kg and may not be used for positions where side to side transfer is necessary.

Rectangular Model

Alternatively, the sizes SMLR-A-6/8/10/12/16-(I) can be used with a rectangular container type detailed in drawing (GRP/MQ-73-00, GRP/MQ-74-00, GRP/MQ-75-00, GRP/MQ-76-00, GRP/MQ-77-00, GRP/MQ-78-00, GRP/MQ-79-00 or GPP/MQ-80-00).

Type	Persons (82.5kg)	Weight [kg] SOLAS A /B	Required bollard pull [kN]		Maximum stowage height (m)
			2 kn	3 kn	
SMLR-A-6-(I)	6	72 / 60	0.5	0.8	18
SMLR-A-8-(I)	8	78 / 62	0.7	1.1	18
SMLR-A-10-(I)	10	93 / 73	0.8	1.3	18
SMLR-A-12-(I)	12	106/82 (92/76)*	1.1	1.4	18
SMLR-A-12-(I), light liferaft**	12	78 / 65	1.1	1.4	18
SMLR-A-16-(I)	16	130 / 98	1.1	1.6	18

(*when fitted into the 10 person container GRP/MQ-77-00 & GRP/MQ-78-00)

(** The rectangular liferaft is also available as a "Lightweight" model utilizing the same liferaft carcass, but packed within a carbon fibre container, using a carbon wrapped composite cylinder and a Leaffield M18 valve inflation system.)