



CERTIFICATE NUMBER	23-2361819-PDA
EFFECTIVE DATE	14-Nov-2023
EXPIRY DATE	13-Nov-2028
ABS TECHNICAL OFFICE	Houston OED - Safety

## CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

### **LIFERAFT SYSTEMS AUSTRALIA PTY LTD**

located at

**5 SUNMONT STREET, , DERWENT PARK, TAS, Australia, 7009**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

**Product:** Evacuation System, Marine (SOLAS)  
**Model:** LSA 20 meter and 22 meter twin track (Mk 2) inflatable slide-type marine evacuation system (MES)  
**Endorsements:**  
**Tier:** 2 - PDA Issued

This Product Design Assessment (PDA) Certificate remains valid until 13/Nov/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping

*Daniel Hyun SON*

Hyun Young Son, Engineer/Consultant

TC Approvals extract from Certificate attachment.

**National:**  
TP14612E Ed. 4 (February 2019) Procedures for Approval of Life-Saving Appliance and Fire Safety Systems, Equipment and Products.  
TP14475E Ed. 1 (March 2010) Canadian Life Saving Appliance Standard.  
Canada Shipping Act, 2001 Chapter 1436 - Life Saving Equipment Regulations (C.R.C., c. 1436) Section 5-5.2: Marine Evacuation Systems.

The 20m and 22m twin track (Mk 2) products are approved on behalf of the Minister of Transport (Transport Canada) in accordance with TP14612, when manufactured at a facility with an ABS manufacturing assessment (MA).

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)