



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 160.175/7/0

Expires: 23 April 2022

MARINE EVACUATION SYSTEM (SOLAS)

LIFERAFT SYSTEMS AUSTRALIA PTY. LTD.
5 SUNMONT STREET
DERWENT PARK TASMANIA 7009 AUSTRALIA

LSA 20 and 22 meter twin track (Mk 2) inflatable slide-type marine evacuation system, for use with LSA 50- or 100-person inflatable liferaft, or 128-person inflatable buoyant apparatus (open reversible liferaft).

Nominal max rated capacity is 600 persons in 30 minutes. Max stowage height for 20 m slide is 12.5 m above the waterline in lightest undamaged sea-going condition, and 17.4 m taking into account unfavorable conditions of list and trim. Max stowage height for 22 m slide is 13.6 m above the waterline in lightest undamaged sea-going condition, and 18.8 m taking into account unfavorable conditions of list and trim.

Identifying Data: Approved Dwg List #1 - 20 Metre Slide - P/N P/A/0591/00, and associated detail drawings as referenced thereon; and approved Dwg List #2 - 22 Metre Slide - P/N 1E/A/0651/00, and associated detail drawings as referenced thereon; approved Dwg #0657 - Lower Slide Assy; and examined drawings of modified HRU placement.

Evaluated, tested, and found to be in compliance with the IMO LSA Code (Res. MSC.48(66)), section 6.2, and IMO Res. A.689(17) (as amended through Res. MSC.81(70)), section 1/12. Production inspections supervised by Det Norske Veritas, Hobart, Tasmania office; yearly report of production tests and inspections in accordance with 46 CFR 159.007-11 due annually in December. Approval valid only for equipment manufactured at the above location.

Supersedes certificate dated April 30, 2015 to add drawings of modification of HRU placement.



1408/YY

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 2004 and by the "Agreement between the European Free Trade Association countries which are part of the European Economic Area and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed October 2005.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 23rd DAY OF
APRIL 2017, AT WASHINGTON D.C.

B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

