

**Ocean Signal Ltd.**

Unit 4 Ocivan Way  
Margate, CT9 4NN  
United Kingdom



## CERTIFICATE OF CONFORMITY

Hereby we, Ocean Signal Ltd., of the above address, certify that the lithium battery module designated LB4V, has been tested in accordance with the United Nations Recommendation on the Transport of Dangerous Goods, Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.5).

The LB4V is designed for use with:

- safeSEA V100 GMDSS VHF Handheld Radio

Testing was performed by Sartech Engineering Ltd., under test report no. 112011-1.

**Test Report Information:**

**Test House:** Sartech Engineering Ltd

**Address:** 13 Trowers Way, Holmethorpe Ind. Estate, Redhill, Surrey, RH1 2LH, UK

**Contact:** Tel: +44 (0) 1737 372670 ; Email: info@sartech.com

**Report No:** 112011-1

**Date:** 1 November 2011

**Title:** UN Transportation Safety Tests on lithium primary and lithium-ion secondary batteries used in Ocean Signal V100 VHF portable radios.

The battery module successfully completed all tests and each battery has been categorized as containing less than two grams of lithium.

**Battery Information:**

**Name & Makeup:** LB4V Battery module containing three isolated batteries, each of two Energizer AA cells connected in series.

**Gross Weight (kg):** 0.15

**Net Weight (kg):** 0.1

**Battery Type:** Lithium Metal

**Lithium content or Rating:** 1.96 grams

**UN 38.3 Clause:** 38.3.3(f)

**UN 38.3 Tests Passed:** T1, T2, T3, T4, T5

The battery module may be shipped with equipment as class 9, UN category UN3091, with the proper name "Lithium metal batteries packed with equipment", under the following conditions:

- By road under the ADR regulations, special provision 188.
- By sea under the IMDG regulations, special provision 188.
- By air under the IATA regulations 66<sup>th</sup> edition, packing instruction 969 section II

The battery module may be shipped as a spare battery without equipment as class 9, UN category UN3090, with the proper name "Lithium metal batteries" and packed in accordance with IATA regulations 66<sup>th</sup> edition, packing instruction 968 section IB.

Signed on behalf of Ocean Signal Ltd.,

**Date:** 20 May 2025

Simon Nolan, Chief Technical Officer

