

CERTIFICATE

The battery type mentioned below is in compliance with the requirements of


UN Manual of Tests and Criteria - Section 38.3


(ST/SG/AC.10/11/Rev.5)

Certificate/Test Report-No.: TZ_000008_UN
Part No.: 369215
Product Description: Lithium battery LiFePO₄ 13,2V/4000mAh
Customer Data: Kongsberg Maritime AS
 Strandpromenaden 50
 3183 Horten, Norway
Date: 23.08.2012

Step	Result
UN 38.3.4.1 Altitude simulation	pass
UN 38.3.4.2 Thermal test	pass
UN 38.3.4.3 Vibration	pass
UN 38.3.4.4 Shock	pass
UN 38.3.4.5 External short circuit	pass
UN 38.3.4.6 Impact	not required*
UN 38.3.4.7 Overcharge	pass
UN 38.3.4.8 Forced discharge	not required*

* This test is not required for battery testing if it is already passed at the UN38.3 test of the built-in cell.
 The certificate is only valid with the associated Test Report.


 Patrick Megerle
 QMB


 Peter Benz
 test technician