

**LITHIUM CELLS OR BATTERIES TEST SUMMARY  
IN ACCORDANCE WITH SUB-SECTION 38.3  
OF MANUAL OF TEST AND CRITERIA**

**BATTERY TRANSPORTATION INFORMATION**

<i>Name of battery :</i>  Item Number : 349240 rev.B and later Item Name : Battery Iridium GPS system Item Description : Battery kit for Iridium GPS System. Consists of a packaging with two standalone 436069 which the test report is for.		<i>Battery supplier / manufacturer's contact information :</i>  Kongsberg Maritime                      Fey Elektronik GmbH Strandpromenaden 50                      Storchenweg 3 3183 Horten                                  21217 Seevetal Norway    Germany +47 815 73 700                              +49 (0)40-703 8888 0 kongsberg.com                              feyelektronik.de	
<i>Name of the test laboratory :</i>  Fey Elektronik GmbH  Storchenweg 3 21217 Seevetal Germany +49 (0)40-703 8888 0 feyelektronik.de		<i>Test report id. number:</i>  UN.PB.PA-UL-LNB55Q.R001	<i>Date of the test report:</i>  03.08.2015
<i>Description of battery:</i>  This Battery kit is used for the Iridium GPS System in KM Marine Robotics solutions.  This battery kit is made my Kongsberg Maritime, but the batteries in this kit is manufactured by Fey Elektronik GmbH.  Battery type : Lithium Ion Battery energy : 2x 48 Wh Battery dimensions : 2x 67 x 37 x 42mm Battery weight : 2x 192 g		<i>List of tests conducted and results (i.e. pass/fail) :</i>  Test T.1 : Altitude Simulation : Pass Test T.2 : Thermal test : Pass Test T.3 : Vibration : Pass Test T.4 : Shock : Pass Test T.5 : External short circuit : Pass Test T.6 : Impact/Crush : Not applicable* Test T.7 : Overcharge : Pass Test T.8 : Forced discharge : Not applicable*  Test P.1 : Packing test : Pass  Additional testing comments :  * Written as passed in report with reference to test performed by cell manufacturer.	
<i>Reference to assembled battery testing requirements, (i.e. 38.3.3 (f)and 38.3.3 (g)) :</i>  Not applicable	<i>Reference to revised edition of the Manual of Tests and Criteria :</i>  Revision 5	<i>Does the battery comply with the 30% state of charge (SOC) :</i>  Yes	
<b>PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)</b>			
<i>UN Classification :</i>  <b>UN 3480</b>		<i>Shipping name :</i>  <b>Lithium Ion batteries</b>	
<i>Signature (name and title) :</i>  Kevin Eriksen Battery responsible		This document remains valid as long as no changes, modifications, or additions are made to the battery described in this document, after beeing transported from Kongsberg Maritime's facilities. This battery has been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of certification. The battery must be packed, labeled and documented according to country and other international regulations for transportation.	
<i>Date :</i>  06.01.2019			