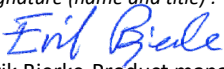


LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TEST AND CRITERIA

BATTERY TRANSPORTATION INFORMATION

| | | |
|---|--|---|
| <p><i>Name of battery :</i></p> <p>Item Number : 396782 Item Name : Battery pack cNODE MiniS Item Description : Battery Block (Li-Ion)</p> | <p><i>Battery manufacturer's contact information :</i></p> <p>Kongsberg Maritime Strandpromenaden 50 3183 Horten Norway +47-33 03 24 07 kongsberg.com/maritime</p> | |
| <p><i>Name of the test laboratory :</i></p> <p>Ansmann AG Industriestraße 10 97959 Assamstadt Germany +49-629442040 info@ansmann.de</p> | <p><i>Test report id. number:</i></p> <p>TZ_000105_UN</p> | <p><i>Date of the test report:</i></p> <p>30.06.2015</p> |
| <p><i>Description of battery:</i></p> <p>This battery block is used in cNODE MiniS transponders and cPAP MK II subsea transceiver.</p> <p>Battery type : Lithium Ion Battery energy : 57 Wh Battery dimensions : (146 x 79) mm Battery weight : 0.9 kg</p> | <p><i>List of tests conducted and results (i.e. pass/fail) :</i></p> <p>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 *)</p> <p>*) This test is not required for battery testing if the built-in cell already has passed a separate UN38.3 test.</p> <p>Additional testing comments :</p> | |
| <p><i>Reference to assembled battery testing requirements, (i.e. 38.3.3 (f) and 38.3.3 (g)) :</i></p> <p>Not applicable</p> | <p><i>Reference to revised edition of the Manual of Tests and Criteria :</i></p> <p>Revision 4</p> | <p><i>Does the battery comply with the 30% state of charge (SOC) :</i></p> <p>Yes</p> |
| PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP) | | |
| <p><i>UN Classification :</i></p> <p>UN 3480</p> | <p><i>Shipping name :</i></p> <p>Lithium Ion batteries</p> | |
| <p><i>Signature (name and title) :</i></p> <p> Erik Bjerke-Product manager</p> | <p><i>This document remains valid as long as no changes, modifications, or additions are made to the battery described in this document, after being transported from Kongsberg Maritime's facilities.</i></p> <p><i>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.</i></p> <p><i>The battery must be packed, labeled and documented according to country and other international regulations for transportation.</i></p> | |
| <p><i>Date :</i></p> <p>22.11.2019</p> | | |