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

### BATTERY TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Name of battery</th>
<th>Battery manufacturer’s contact information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item Number : 426688</td>
<td>Kongsberg Maritime</td>
</tr>
<tr>
<td>Item Name : Chassis with battery (Li) cNODE Micro</td>
<td>Strandpromenaden 50</td>
</tr>
<tr>
<td>Item Description : Battery Block (Li-Ion)</td>
<td>3183 Horten</td>
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<td></td>
<td>Norway</td>
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<tr>
<td></td>
<td>+47 33 03 24 07</td>
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<tr>
<td></td>
<td>kongsberg.com/maritime</td>
</tr>
</tbody>
</table>

**Name of the test laboratory:**

| Ansmann AG                           |
| Industriestraße 10                   |
| 97959 Assamstadt                     |
| Germany                              |
| +49-629442040                        |
| info@ansmann.de                      |

**Test report id. number:** TZ_000155_UN  
**Date of the test report:** 02.03.2018  
**List of tests conducted and results (i.e. pass/fail):**

- 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 *)

*) This test is not required for battery testing if the built-in cell already has passed a separate UN38.3 test.

**Description of battery:**

- This battery block is used in cNODE Micro transponders

**Battery type:** Lithium Ion  
**Battery energy:** 14.52 Wh  
**Battery dimensions:** (162 x 45) mm  
**Battery weight:** 0.2 kg

**Reference to assembled battery testing requirements, (i.e. 38.3.3 (f)and 38.3.3 (g)):**  
Not applicable  
**Reference to revised edition of the Manual of Tests and Criteria:** Revision 6  
**Does the battery comply with the 30% state of charge (SOC):** Yes

### PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)

**UN Classification:** UN 3480  
**Shipping name:** Lithium Ion batteries

**Signature (name and title):**  
Erik Bjerke - Product manager  
**Date:** 22.11.2019  

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.  
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.