



(1) **EC-Type Examination Certificate**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres –  
**Directive 94/9/EC**

(3) EC Type Examination Certificate Number  
**EPS 13 ATEX 1 522 X**

**Revision 1**

(4) Equipment: Hammar H20 ERU, electronic remote release unit

(5) Manufacturer: CM Hammar

(6) Address: August Barks gata 15  
421 32 Västra Frödlunda, Sweden

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23<sup>rd</sup> 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 12TH0559.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**Directive 94/9/EC**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

 Ex II 2G IIC T4

Certification department of explosion protection

Nuremberg, January 19, 2015



D. Zitzmann

Page 1 / 2

Certificates without signature are void. This certificate is allowed to be distributed only if not modified.  
Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

- (13) **Annexe**
- (14) **EC-Type Examination Certificate EPS 13 ATEX 1 522 X Revision 1**
- (15) Description of equipment:

The electronic remote release system (ERRS) from company Hammar is meant to release life saving equipment (e.g. life rafts) on board of ships. It is operated via a control system (e.g. push button) that activates one or more electric remote release units Hammar H20 ERU. When a remote unit is activated, a sharp knife blade (powered by a pyrotechnical actuator) cuts the rope sling holding the life raft to be released.

Electrical data:

24 V DC power supply

- (16) Test report: 12TH0559
- (17) Special conditions for safe use:
- Ambient temperature:  $-30\text{ °C} < T_a < +65\text{ °C}$
- (18) Essential health and safety requirements:

The corresponding ATEX standards were applied to the Hammar H20 ERU as far as applicable. The units contain pyrotechnical actuators on which the standards are not in detail applicable.

The H20 ERU must be operated with the ERRS (connection box, protection circuit, control unit and push-button) remote release system.

The system must be situated outside hazardous locations or must be designed explosion protected accordingly. The explosion protection of the system (connection box, protection circuit, control unit and push-button) was not matter of present certification.

Certification department of explosion protection

Nuremberg, January 19, 2015

