



Marine & Offshore  
Division

**BUREAU  
VERITAS**

Attestation number: 242GTB15

The continuation sheet(s) form(s) part of the attestation.

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## ATTESTATION FOR RELEASE UNIT

**Applicant** : C M HAMMAR AB (V:a Frölunda - SWE)  
**Requirements** : CM Hammars test procedure for lifebuoy release system  
**Product description** : Lifebuoy release system  
**Quantity** : 1 set

**Particulars of products as declared by the applicant:**

**Manufacturer** : C M HAMMAR AB (V:a Frölunda - SWE)  
**Type** : HAMMAR LIFEBOUY RELEASE SYSTEM  
**Drawing number & revision** : A001047 Rev. 1  
**Type Approval MRU** : 07493/E0 EC  
**Type Approval ERU** : 07495/D0 BV

**Enclosures / Remarks** : Test report dated 1 June 2015 witnessed by the Surveyor

At the request of the applicant identified here above, this is to attest that the interventions as described in the subsequent page(s) were carried out with satisfactory results and within the scope of the General Conditions of Marine & Offshore Division of Bureau Veritas

**Marking** : None  
**Last attendance date** : 01 Jun 2015  
**Surveyor** : Magne MOLLER

**Issuance date** : 04 Jun 2015  
**Office** : BV GOTHENBURG

*Magne Moller*



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## **SCOPE OF INTERVENTION**

Test Procedure:

The lifebuoy was released by the following methods:

- Manually by removing the locking pin.
- From a remote position by using a HAMMAR MRU release unit.
- From a remote position by using a HAMMAR ERU release unit.
- From a remote position by using a HAMMAR ERU release unit at 10° inclination inwards ship.

Temperature: Room temperature about 20-22°C.

Tests was witnessed to satisfaction.

## TEST OF HAMMAR LIFEBOUY RELEASE SYSTEM

### DESCRIPTION:

The HAMMAR LIFEBOUY RELEASE SYSTEM is a system designed for remote release of a lifebuoy from ship or vessel. The lifebuoy is placed in a holder on the bridge wing or at another suitable location onboard. The lifebuoy is restrained in its holder by a Polyester Silk rope. The rope is put under tension by the force from a strong spring.

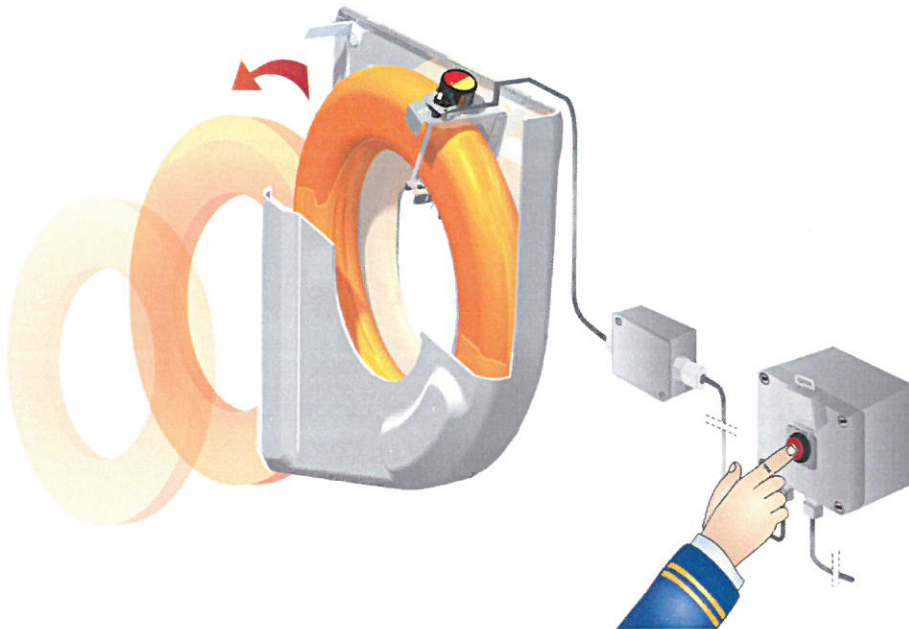
The lifebuoy can be released by two different methods:

- Locally by manually removing a locking pin releasing the rope lashing for the lifebuoy.
- From a remote position by using HAMMAR MRU or a HAMMAR ERU. The HAMMAR release unit cuts the lashing rope for the lifebuoy.

Type approval for HAMMAR ERU, BUREAU VERITAS Certificate No: 07493/E0 EC, Attached to this document.

Type approval for HAMMAR ERU, BUREAU VERITAS Certificate No: 07495/D0 BV Attached to this document.

Drawing, LIFEBOUY RELEASE BRACKET, Draw. No A001047 – rev 1, Attached to this document.



LIFEBOUY RELEASE SYSTEM with ERU electric release unit



Detailed view of a MRU release unit



Detailed view of a ERU electronic unit

## TEST PROCEDURE:

The lifebuoy was released by the following methods:

Manually by removing the locking pin.

From a remote position by using a HAMMAR MRU release unit.

From a remote position by using a HAMMAR ERU release unit.

From a remote position by using a HAMMAR ERU release unit at 10° inclination inwards ship.

Temperature: room temperature about 20 – 22 DegC.

## RESULT:

The result of the test was satisfactory.

Gothenburg 2015-06-01



WITNESSED

REVIEWED

NOTED

SURVEYOR: M. MÖLLER

DATE: 1/6-2015

Attestation 242GTB15

Signed by: Magne Möller

Marine Surveyor

Bureau Veritas, Marine & Offshore Division