

# TYPE EXAMINATION CERTIFICATE

**This is to certify:****That the Man Over Board Retrieval Systems**

with type designation(s)

**Dacon Rescue Scoop (RSA/RSB/RSC),  
Dacon Rigid Scrambling Net,  
Dacon Rescue Frame,  
Dacon Rescue Basket (RB-300/RB-250)**

Issued to

**Dacon AS  
STABEKK, Norway**

is found to comply with

**The UK Oil & Gas ERRV Survey Guidelines (Sec. 5.2, 5.3 and 5.4)  
NMD REG 1991-10-16 No. 853 §17(2) and § 17(4)****Application :****For use as Man Over Board Retrieval Systems.**Issued at **Høvik** on **2018-05-02**for **DNV GL**This Certificate is valid until **2023-05-01**.DNV GL local station: **Oslo Maritime and CAP**Approval Engineer: **Gisle Hersvik****Rikard Törnqvist  
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.



## Product description

Man Over Board Retrieval Systems;  
**Dacon Rescue Scoop (RSA/RSB/RSC)**  
**Dacon Rigid Scrambling Net**  
**Dacon Rescue Frame**  
**Dacon Rescue Basket (RB-300/RB-250)**

Please refer to relevant Dacon product information/brochures on details for the various equipments.

### ERRVA - Statement:

Dacon equipments are accepted and approved for fitting aboard *Emergency Response and Rescue Vessels (ERRVs)* that are certified by the *UK Maritime & Coastguard Agency*, in accordance with *The UK Oil & Gas ERRV Survey Guidelines*, and it is confirmed that the following equipment complies with the relevant sections of those Survey Guidelines:

<b>Equipment</b>	<b>Survey Guidelines Section/Title</b>
Dacon Rigid Scrambling Net	5.2.2 Recovery from the Sea by Climbing Aids
Dacon Rescue Scoop	5.2.3 Power-Assisted Methods of Recovering Survivors
Dacon Rescue Basket	5.2.4 Temporary Refuge in the Sea
Dacon Rescue Frame	5.3.8 FRC Equipment (e) A net or cradle system for recovery of persons from the water.
	5.4.4 Daughter Craft (DC)

### NMD/ Sjøfartsdirektoratet

With reference to REG 1991-10-16 No. 853 we confirm that Dacon Rescue Scoop is considered as approved as rescue equipment in accordance with § 17(4). A Rescue Basket alone is not sufficient to meet the requirement.

The crane operating mentioned equipment shall meet the recommendations given by the maker. In addition the following applies:

- Slewing ring shall be dimensioned for being used at 20° heel.
- The runner ("mantel") shall be as light weighted as possible. However, a plummet / ball etc. to pull the wire is not accepted.
- Requirements given in REG 19897-01-17 No. 4 shall be met.

## Application/Limitation

The equipment shall be installed, operated and maintained as per Dacon's recommendations.

Operating limitation of the equipment shall also be as per Dacon's recommendations.

## Type Examination documentation

1. Previous Type Examination Certificate No. K-5856.
2. Assessment Report from DNV GL Oslo of 2018-04-05.
3. Application for Type Approval/Examination of 2018-02-27.
4. Email from Dacon AS of 2018-04-25, incl. drawing and brochure Dacon Rescue Basket
5. Email from Dacon AS of 2018-02-27, incl. Materials and Technical Specifications Dacon Rescue Basket (Model: RB-250 w/folding mast).
6. Email from ERRVA of 2013-11-13, incl. Statement re. Dacon equipments.
7. Email from DNV Oslo of 2013-07-17, incl. Assessment Report and proposed inspection intervals for Dacon's equipment.
8. Statement from NMD/Sjøfartsdirektoratet of 2013-09-25.

Job Id: **262.1-014936-2**  
Certificate No: **TAK000017G**

9. Product Specifications, Drawings, Material Specifications, Brochures, Presentations, Test Results.
10. Various correspondences and meetings between DNV GL and Dacon AS in the period October 2011-February 2014.

### **Inspection intervals equipment**

Dacon's equipment shall be inspected regularly as per Dacon's recommendations.

### **Marking of product**

Product(s) shall be marked with the *manufacturer's name*; **Dacon AS, Norway**, *type designation*, *serial number* and *production year*.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV GL Type Examination Certificate.

### **Periodical assessment**

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Examination is complied with and that no alterations are made to the product design or choice of materials.

Periodical Assessment to be performed after 2 and 3.5 years (Certificate Retention) and at renewal after 5 years (Certificate Renewal).

The main elements of the Periodical Assessment are to:

- Ensure that **Type Examination documentation** is available.
- Review design, materials, production process, and performance with respect to possible changes, in order to ensure compliance with **Type Examination documentation** and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV GL Type Examination Certificate.

END OF CERTIFICATE