

TYPE APPROVAL CERTIFICATE

Certificate No:
TAK000017G
Revision No:
1

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
Haslum, 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 **Hamburg** on **2023-05-02**

for **DNV**

This Certificate is valid until **2028-05-01** .

DNV local unit: **Oslo Maritime and CAP**

Approval Engineer: **Gisle Hersvik**

Thorsten Lohmann
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 Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



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 equipment.

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:

Equipment	Survey Guidelines Section/Title
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 - Statement:

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.

Place of manufacture

Dacon AS, Durudveien 15, 1344 Haslum, Norway

Application/Limitation

This Type Approval certificate is not valid for designs, components, equipment, systems or products which are subject to classification by DNV.

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

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

Any significant changes in design and / or quality of the material will render the approval invalid.

Inspection intervals - equipment

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

Type Approval documentation

1. Assessment Report from DNV Oslo of 2023-04-17.
2. Application for Type Approval of 2023-03-09.

3. Assessment Report from DNV GL Oslo of 2018-04-05.
4. Application for Type Approval/Examination of 2018-02-27.
5. Email from Dacon AS of 2018-04-25, incl. drawing and brochure Dacon Rescue Basket
6. Email from Dacon AS of 2018-02-27, incl. Materials and Technical Specifications Dacon Rescue Basket (Model: RB-250 w/folding mast).
7. Email from ERRVA of 2013-11-13, incl. Statement re. Dacon equipment.
8. Email from DNV Oslo of 2013-07-17, incl. Assessment Report and proposed inspection intervals for Dacon's equipment.
9. Statement from NMD/Sjøfartsdirektoratet of 2013-09-25.
10. Product Specifications, Drawings, Material Specifications, Brochures, Presentations, Test Results.
11. Various correspondences and meetings between DNV / DNV GL and Dacon AS in the period Oct 2011-Feb 2014.

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 Type Approval Certificate.

Periodical assessment

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

Periodical assessments (for Certificate Retention / Certificate Renewal) shall be performed according to DNV-CP-0338.

This certificate is only valid if required Periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>

END OF CERTIFICATE