DNV·GL

Certificate No:
TAS00001C4

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
CDU Offshore Shipping Skid - 222415-54

Issued to
OneSubsea GmbH
Celle, Niedersachsen, Germany

is found to comply with
DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
ISO 10855-1:2018 Offshore containers and associated liftings sets – Part 1: Design, manufacture and marking of offshore containers
IMO/MSC Circular 860

Application :

Max. gross mass (kg)	**1600**
Max. payload (kg)	**750**
Max. sling leg angle	**45°**
Enhancement factor	**N/A**

Issued at **Høvik** on **2018-08-06**
This Certificate is valid until **2023-08-05**.
DNV GL local station: **Magdeburg**

Approval Engineer: **Igor Antonijevic**

for **DNV GL**

Inger-Helene Hals
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.

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Manufactured by

DNV GL id number 183486

OneSubsea GmbH takes responsibility that both design and production are in compliance with the Rules, Standards and/or Regulations listed on page 1 of this Type Approval Certificate.

Product description

Max. external dimensions (LxWxH):	1650 x 1610 x 2725 mm
Tare mass[1)]:	850 kg

[1)] tare mass is to be confirmed by weighing. The sum of the tare mass and the payload shall never exceed Max. gross mass as stated on the front page of this certificate.

Application/Limitation

Design temperature	: -20 °C
Min. shackle bolt diameter	: 22.2 mm

Removable beams shall be in place during lifting/transport operations and this shall be clearly marked on the frame and included in each container certificate.

DNV GL surveyor has to witness important production and test events and issue Form no. 71.08a "Certificate for Offshore Container" for each container.

Production strength tests (All point lifting) to be carried out according to DNV GL 2.7-1 and after agreement with the DNV GL surveyor.

The certificates are only valid when the containers are fitted with a lifting set certified according to DNV GL 2.7-1.

Type Approval documentation

Tests carried out

Prototype with part number 318000656/10-01 tested according to DNV GL 2.7-1.

Marking of product

Each container to be marked with:

- Data plates and inspection plate according to DNV GL/ISO requirements
- External marking according to DNV GL/ISO requirements
- DNV GL decal for offshore containers
- ℄ mark to be hard stamped on frame
- Manufacturer's Serial Number is to be welded on the frame
- Marking according to Application/Limitation above

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform an assessment every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE