Certificate No:
TAS00003XG

TYPE APPROVAL CERTIFICATE

This is to certify:

That the portable offshore units

with type designation(s)
Frame for Running Tool Transport Skid (Compact)

Issued to
OneSubsea GmbH
Celle, **Germany**

is found to comply with
DNV standard DNV-ST-E273 – 2.7-3 Portable offshore units, April 2016 (Amended October 2021)

Application :

Max. gross mass (kg)	**2900**
Max. payload (kg)	**1700**
Max. sling leg angle	**45**

Issued at **Aberdeen** on **2023-06-30**
This Certificate is valid until **2028-06-29** .
DNV local unit: **Hamburg**

Approval Engineer: **Elisabeth Legg**

for **DNV**

Satya Shyamala Kuppili
Delivery Lead - Containers

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.

Manufactured by

DNV ID number: 1209019

DNV local office: Ostrava

Responsibility

OneSubsea GmbH takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on page 1 of this type approval certificate.

Product description

Maximum external dimensions (LxWxH)	: 2080 x 1800 x 3060 mm
Tare mass*	: 1200 kg
Type	: A
Operational Class	: R45

*) Tare mass is to be confirmed by weighing. The sum of tare and payload shall never exceed the maximum gross mass stated on the front page of this certificate.

Application/Limitation

Minimum design temperature	: -20 ºC
Shackle size	: 4.75 t

DNV surveyor shall witness important production and test events and issue Form no. MOP 201 “Certificate for Portable Offshore Unit” for each unit.

This design comprises an assembly of two parts (top and bottom frame) connected via 4 pad eyes. This design has not been verified for lifting as individual frames. Certification shall be applied to ensure that this frame is only transported and lifted as an assembly. Both parts shall be clearly marked as an assembly and marked with the same serial number.

The pins used to connect the assembly shall be from Crosby G-2130 type approved shackles). These connecting pins shall be checked for damage at appropriate and regular intervals. Only DNV type approved G-2130 shackle pins shall be used as connecting pins and this information shall be included in the DNV certificate.

Type Approval documentation

Tests carried out

Prototype tested in accordance with DNV-ST-E273.

Marking of product

Marking shall be carried out in accordance with to DNV-ST-E273 section 6.

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNV-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

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