



Certificate No:
TAS000040T

TYPE APPROVAL CERTIFICATE

This is to certify:

That the portable offshore unit

with type designation(s)
Skid for SCRB-BA Scrubber

Issued to

ETUDES ET PRODUCTIONS SCHLUMBERGER SAS
CLAMART, France

is found to comply with

DNV standard DNV-ST-E273 – 2.7-3 Portable offshore units, April 2016 (Amended May 2022)

Application :

Max. gross mass (kg) 13000

Max. payload (kg) 0

Max. sling leg angle 45

Issued at **Aberdeen** on **2023-09-20**

This Certificate is valid until **2028-09-19** .

DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Yann Emeriau**

Elisabeth Legg
Principal Engineer

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.



Form code: TA 281

Revision: 2022-12

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Manufactured by

DNV CIM Number: 10037812

Local DNV Office: Abu Dhabi

Responsibility

Etudes et Productions Schlumberger takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on page 1.

Product description

Maximum external dimensions (LxWxH)	: 2580 x 2437.9 x 2895.9 mm
Tare mass*	: 13000 kg
Type	: A
Operational Class	: R60

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

Application/Limitation

Design temperature : -20 °C

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

This approval covers both horizontal and vertical lifting configurations as detailed on drawing 102871587D, rev. AG. Due care shall be taken during any lifting operations to ensure that correct pad eyes are used for the given lift and that the sling set does not tangle in or snag on any parts of the frame and payload.

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 DNV-ST-E273 section 6.

The words "Operational Restrictions" shall be clearly marked in a minimum of two locations in accordance with DNV-ST-E273 section 6. This information shall also be included on the information plate with reference to the Standard Work Instruction (SWI) for lifting purposes.

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>