Certificate no.:
TAS000057D

TYPE APPROVAL CERTIFICATE

This is to certify:

that the portable offshore unit

with type designation(s)
HCS base skid and lifting frame assembly

issued to
Nine Angle West Africa Limited.
Port Harcourt, **Nigeria**

is found to comply with
DNV standard DNV-ST-E273 – 2.7-3 Portable offshore units, April 2016 (Amended May 2022)

Application:

Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle
HCS lifting assembly	**33135**	**(see page 2)**	**(see page 2)**

Issued at **Aberdeen** on **2026-03-02**

This Certificate is valid until **2031-03-01**.

for **DNV**

DNV local unit: **Abu Dhabi**

Approval Engineer: **Satya Shyamala Kuppili**

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

Type	Maximum external dimensions (LxWxH)	Type	Operational Class	Tare mass*
HCS base skid	7610 x 3055 x 500 mm	B	R30	3635 kg
HCS lifting frame	3525 x 3525 x 700 mm	E	R30	3100 kg

The HCS lifting assembly comprises 3 parts: base skid, payload and lifting frame.

Maximum payload (HCS Advantage equipment, supported on base skid only) : 26400 kg

*) 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	
Resultant sling force (RSF)	:	240 kN (pad eyes on base skid and base of lifting frame)	
	:	347 kN (pad eyes on top of lifting frame)	
Shackle size	:	25 t	
Test loads (assembly)	:	all point lift	57.6 tonnes
		2-point lift	n/a
		impact	n/a

The HCS base skid and lifting frame shall be certified as an assembly of 2 parts.

The DNV surveyor shall witness all important production and testing events and issue a certificate on Form no. MOP 201 “Certificate for Portable Offshore Unit” for each assembly.

The lifting operation and lifting equipment (sling legs and shackles) have not formed part of this approval.

This unit should, as far as practical, be transported and lifted in relative isolation from other cargo. Any lifting shall be planned appropriately and well controlled, such that structural parts and payload will not snag on adjacent equipment or associated lifting gear. Due care shall be taken during any lifting operations to ensure that the lifting equipment does not tangle in or snag on any parts of the frame and payload, nor become detached from the lifting trunnions.

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