

# CERTIFICATE FOR OFFSHORE SERVICE MODULE

DNV Standard 2.7-2: Offshore Service Modules (February 2016)

DNV GL Id No:  
**N1418WHS**  
 Date of issue:  
**2018-01-08**

## Particulars of Equipment

Equipment Description:	<b>Oil Change Unit</b>
Identification Marking:	<b>SWOC-UT-OC-01-9001</b>
Equipment Owner:	<b>Speedwind Offshore GmbH &amp; Co. KG</b>
Client Name for Certification:	<b>Speedwind Offshore GmbH &amp; Co. KG</b>
Client Address for Certification:	<b>Luisenstraße 5a, 26382 Wilhelmshaven, Germany</b>
Module Type:	<b>3 (non-pressurised)</b>
Functional Group(s):	<b>A (Diesel Engine)</b>

The design is approved under DVR/Type Approval No: **DVR-P5994-J-10147** Revision: **0** on **2017-10-03**  
 Other applicable DVR's or Amendments: **NA**

## Operational Parameters

Ship Use	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Floating Installation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Inclination Limitation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Fixed Installation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydrocarbon Installation Use	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Important Service Use	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Maximum Gross Weight	<b>16,500kg</b> kg	Accelerations	<b>0.35g (horiz.) ±0.3g (vert.)</b>
Sea Pressure Load	<b>15kPa</b>	Other Service Loads (Full Limit)	<b>2.5kPa Wind</b>
Sea fastening shall be attached as detailed in drawing(s)	<b>Via certified twist locks on ISO corner castings.</b>		
Main Supply Voltage Range	<b>24</b> V dc	Essential Supply Voltage Range	V ac dc 3ph 1ph
Main Supply Frequency	n/a Hz	Essential Supply Frequency	Hz
Main Supply Current Protection (max)	See comments A	Ess. Supply Current Protection (max)	A
Intended Hazardous Area Location	Non hazardous	Operational Temperature Range	<b>-20 to +45</b> °C
Gas Group	n/a	Temperature Class	n/a
Manned use:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Maximum Occupancy	n/a

Please refer to appendix for any additional limitations

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**This is to certify:**

that the module has been designed, examined and tested in compliance with

**DNV Standard 2.7-2: Offshore Service Modules DNVGL-ST-E272 February 2016**

The certificate includes an appendix which is to be considered as a part of the certificate.

The above listed module has been found to be in accordance with the Codes and Standards referenced above as qualified by the limitations identified in this certificate.

Other Standard(s) covered under this certificate: **N/A**

This certificate remains valid for the life of the module providing it is not modified (Reference to section 8.7.1 of the Standard).

Issued at **Hamburg** on **2018-01-08**



for **DNV GL**

This document has been digitally signed and  
will therefore not have handwritten signatures

**Bender, Holger**  
**Surveyor**

