

CERTIFICATE

FOR DIESEL ENGINE

Certificate No:
N1413VR9

This is to certify

that the product: Diesel engine
 Type designation: C32
 Application/context: Propulsion
 Serial/tag no: RSD00450

Has been found to comply with relevant requirements in:
DNV Rules for Classification of Ships (2014-01)

The product is intended for
 Yard: Hvide Sande Skibs - & Baadebyggeri A/S
 Yard No: -
 Name of vessel: "-"
 DNV GL Id No: D34557

The product / material has been marked: RSD00450 on: Cylinder Block

Particulars of Vendor and Purchaser

Vendor: Caterpillar Inc.
 Vendor reference: GGBBF
 Purchaser: Pon Power AS
 Purchaser reference: 14761779C

Issued at **New York** on **2015-09-27**



for **DNV GL**

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

Fu, Guoqiang
Surveyor

Certificate No: **N1413VR9**

Linked Type Approvals:

12596, Diesel Engine

Customer Supplementary information:

Engine alarm and monitoring systems, including sensors and actuators are not covered by this certificate.

- Upon installation on board the following items are to be tested to DNV Rules:
- Instrumentation and Automation
- Shut down and safety devices
- The engine is approved for auxiliary duty.

Surveyor Supplementary information:

The certification is based on DNV Rules Standard, MSA No. R-1740, and Caterpillar Quality System
Certificate No: CERT-08370-2006-AQ-HOU-ANAB

Product parameters:

Parameter name	Value	Unit
Maximum continuous output power	994	kW
Corresponding rotational speed	1800	rpm
Engine type	Four stroke	
Maximum firing pressure	146	bar
Fuel type	Marine diesel oil	
Torsional vibration damper type	Visconic	
Turbochargers type	UTW8136-1.19	
Turbochargers manufacturer	GARRETT	