



# DET NORSKE VERITAS

## TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. **M-PMS-8721**

This is to certify that the  
**Planned Maintenance System for Machinery**

with type designation(s)  
**SMMS - Ship Maintenance and Management System,**

**Version 4.x**

Manufactured by  
**Vertex Infosoft Solutions Pvt. Ltd.**  
**Mohali (Punjab), India**

is found to comply with  
Det Norske Veritas' Rules for Classification of Ships, Rules for Classification of High Speed, Light Craft and Naval Surface Craft  
and Offshore Codes  
Standards for Certification No. 2.9 - Type Approval Programme No. 10-706.70-1, April 2009

Application  
**The Planned Maintenance System is approved for use onboard DNV classed vessels with the survey arrangement  
Machinery PMS**

**Høvik, 2010-06-17**  
for **Det Norske Veritas AS**

This Certificate is valid until  
**2014-06-30**

**Carl Fredrik Kresse**  
Head of Section

DNV local office:  
**Oslo**

**Camilla Raanaas Juell**  
Surveyor



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.  
If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

## **Product description**

This system is a Windows based for systematic planning of maintenance and as documentation of maintenance carried out.

## **Application/Limitation**

The system shall at least cover Class related machinery and E0/ECO items (DNV notation for periodically unmanned machinery space) when requested. In order to obtain the Survey Arrangement Machinery PMS for a specific vessel an initial survey is required to be carried out onboard by the Society.

## **Type Approval documentation**

User guide and complete software package.

## **Tests carried out**

A System evaluation has been carried out to verify that all the requirements are included in the system.

## **Marking of product**

The identification is stated in the programme display and on the printouts.

## **Certificate Retention Survey**

Before the expiry date an evaluation of new requirements, changes to the system and experience from the last period shall be carried out according to the requirements in Standard for Certification Nn. 2.9 for renewal of the certificate.

During the validity of this Type Approval Certificate all relevant changes and launching of new versions shall be reported to DNV.