



# DET NORSKE VERITAS

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## TYPE APPROVAL CERTIFICATE

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CERTIFICATE NO. M-PMS-8650

This Certificate consists of 2 pages

*This is to certify that the*

### **Planned Maintenance System for Machinery**

*with type designation(s)*

**Consultas PMS-2007**

*Manufactured by*

**CONSULTAS A/S**  
HORTEN, Norway

*is found to comply with*

DET NORSKE VERITAS' RULES FOR CLASSIFICATION AND MOBILE OFFSHORE UNITS  
CERTIFICATION NOTE NO. 2.9 - TYPE APPROVAL PROGRAMME NO 10-706.70-1  
CERTIFICATION NOTE NO. 1.2 - TYPE APPROVAL, DECEMBER 1996

#### *Application*

The Planned Maintenance System is approved for use onboard DNV classed vessels with the Survey Arrangement based on Planned Maintenance System (SA-PMS)

*Place and date*

Høvik, 2003-05-30

for DET NORSKE VERITAS AS

Kim Rolfsen  
Head of Section



Local Office  
DNV Oslo

*This Certificate is valid until*

2007-06-30

Christoffer Bøhmer  
Senior Surveyor

Notice: 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.



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8650  
File No.: 706.70

### **Product description**

The system is a WINDOWS based tool for systematic planning of maintenance and as documentation of maintenance carried out.

### **Application/Limitation**

The system shall at least cover all Class related machinery items and EO/ECO when requested. In order to obtain the Survey Arrangement based on a Planned Maintenance System (SA-PMS) for a specific vessel, an Implementation Survey is required to be carried out onboard by the Society.

### **Type Approval documentation**

- User manual
- Complete software package

### **Tests carried out**

A System Evaluation is carried out to verify that all the requirements are included in the system.

### **Identification of product**

The identification is stated in "About" in the "Help-menu".  
This certificate replaces the Type Approval Certificate M-PMS-8634 dated 1999-06-07 and covers the software identified as "PMS-1999"

### **Certificate retention evaluation**

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 Certification Note 2.9 for renewal of the certificate.

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

END OF CERTIFICATE