

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Planned Maintenance System for Machinery

with type designation(s)

BASSnet - Fleet Management System version 2.x

Issued to

BASS Software Ltd.

Limassol, Cyprus

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 and offshore units with the Survey Arrangement Machinery PMS

This Certificate is valid until **2018-06-30**.

Issued at **Høvik** on **2014-06-18**

for **DNV GL**

DNV GL local station: **Oslo**

Approval Engineer: **Susanne Manskow Lid**

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Katarina Jenny Bulukin

Head of Section

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 proven to have been caused by any negligent act or omission of the Society, then the Society shall pay compensation to such person for his proven direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question. The maximum compensation shall never exceed USD 2 million. In this provision the "Society" shall mean DNV GL AS as well as all its direct and indirect owners, affiliates, subsidiaries, directors, officers, employees, agents and any other person or entity acting on behalf of DNV GL AS.

Certificate No: **M-PMS-8765**
File No: **706.70**
Job Id: **262.1-017786-1**

Product description

This system is a WINDOWS based tool for systematic planning of maintenance and 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, a satisfactory management approval and an initial survey onboard are required 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 the system complies with the requirements as per Type Approval Programme No 10-706.70-1.

Marking of product

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

Certificate retention survey

For retention of the Type Approval Certificate (TAC) a retention survey has to be carried out at least every second year, and one of the retention surveys will be at renewal of the TAC, i.e. before expiry date of the TAC.

Retention / renewal of the Type Approval Certificate will be based on an evaluation of the system with regards to changes in software and/ or DNV requirements.

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

Other conditions

Any significant change in the software may render this Certificate invalid.

The validity date relates to the Type Approval Certificate issued to the manufacturer of the system, and not to the approval of the individual Planned Maintenance System installed on each particular vessel. The digitally signed electronic version of the TA certificate represents the original of the certificate, and any paper version is a copy.