# NIPPON KAIJI KYOKAI

## *Certificate*

### OF

### TYPE APPROVAL

| | |
|---|---|
| **Applicant:** | **ORCA CO,. LTD**. |
| **Manufacturer:** | ORCA CO,. LTD. <br> 3F, Shibazaki Bldg., <br> 11-9, Higashi-ohi 5-chome, Shinagawa-ku, Tokyo, Japan |
| **Articles:** | Software for P.M.S. |
| **Name:** | ORCA SAFETY MANAGEMENT SYSTEM |
| **Version No.:** | 4 |
| **Approval No.:** | 07S004 |
| **Functions:** | As shown on the attached sheet |
| **Documentation:** | P.M.S. Manual in PDF Format, Rolling demo of P.M.S. |

THIS IS TO CERTIFY that the above mentioned model of the product has been type approved with **Approval No. 07S004** by the NIPPON KAIJI KYOKAI in accordance with the requirements for the Planned Machinery Maintenance Scheme specified in the Society's Guidance.

This certificate will remain in force until the 18th July 2012.

Issued at Tokyo on the 19th July 2007.

S. Ogawa
General Manager,
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

# NIPPON KAIJI KYOKAI

Attached sheet to Certificate No. TA07314M

FUNCTIONS:                                                                 X: Confirmed

| | |
|---|---|
| **1. Planning of maintenance work** | |
| - Creating a new maintenance work with component name, work name, description of work, maintenance intervals (time or running hours), due date, responsible person, etc. | X |
| - Tree view of components | X |
| - List of class survey items with maintenance intervals and due date | X |
| **2. Necessary process before and after maintenance work** | |
| - List of forthcoming works | X |
| - Confirmation of over due items | X |
| - Input of completion date of work and the next due date | X |
| - Record of completed works, measuring data and the condition of damage | X |
| **3. Maintenance records** | |
| - List of works completed within a specified period of time | X |
| - List of work history of a specified component | X |
| - List of works completed during the past year for class survey items | X |
| **4. Backup of maintenance data** | |
| - Procedure for storing backup copies on external storage unit | X |

OPTIONAL FUNCTIONS:                                                        X: Confirmed

| | |
|---|---|
| **5. Management of spare parts** | |
| - List of spare parts and the quantities in stock | X |
| - Management of quantities in stock, ordered quantities and delivered quantities of spare parts | X |
| **6. Condition monitoring (Condition-based maintenance)** | |
| - Trend analysis | -- |
| - Planning of condition-based maintenance | -- |
| - Record of trend data | -- |
| - Report on trend data of class survey items | -- |

···· The end ···